PLANTS, IDEAS & DRIVE

Plants are the core of our green industry. To us, this includes a wide range of product types, including flower and vegetable seed, unrooted cuttings of perennials and annuals, and plugs and liners from a wide assortment of genetic varieties and suppliers.

Reliably delivered plants are the core of our business at Ball. Ask us about ideas to improve reliable delivery to you.

Changing habits of home gardeners create a limitless opportunity for new ideas and new plant varieties to flourish. In what ways will your business change and grow in the coming season? Our team is ready, willing and able to help you achieve your best season ever.

Floriculture is our sole focus, and we share your drive for excellence. We are dedicated and driven to build our business together with yours.

Thank you for entrusting your business to Ball Seed.

630 588-3464
jkennedy@ballhort.com
WELCOME TO YOUR 2021 & 2022 BALL SEED CATALOG!

Our Ball Seed Sales Reps work with you to customize solutions you need for your greenhouse business. It is our goal to supply the highest-quality seed and plants, trialed and tested for best performance...in full, from our dedicated supply network...and on time, thanks to our reliable refrigerated truck delivery. Plug sizes from high-density 512s to 128s and 72s offer a variety of options, giving us the means to work together with you to optimize your time and space for the season.
QUALITY YOU CAN TRUST

We use our proprietary Ball Vigor Index® rating to identify superior seed lots to make sure we only supply the highest-quality seed to our customers. In this way, we can help maximize the profitability of our growers, and optimize seed for automated seeding systems. But we don’t test the seed in a petri dish, we test it by growing it the way you grow it, so you can be confident it will perform that same way under your conditions.

We also test pelleting and priming to determine the uniformity of how and when pellets break down for the optimal pellet size to get the most full cells in the plug tray. This is how our Precision™ Multi-Pellets can provide the most balanced mix of varieties that will all germinate and grow compatibly from each pellet.

Another benefit of the Ball Vigor Index is that we can anticipate failure before customers experience it, and remove that seed from inventory before it is ever sent out. You can rely on us to only supply you with the highest-quality seed that will perform just as you would expect.

 STELLAR PRODUCTS

Easy access to tens of thousands of innovative, trialed-and-proven varieties from 225+ top-notch suppliers. (ballseed.com/webtrack)

Our state-of-the-art Ball Premier Line® seed technology takes seed from good to great.

Industry-leading packaging and storage conditions give you the freshest seed...easier sowing and storage...and the extra edge in production tracking.
MULTI-PELLETS (PMPL)

- Multi-Species
- Single-Species Petunia
- Single-Species Pansy
- Single-Species Coleus
- Single-Species Calibrachoa

complete details and product listing.

90% of the time. See page 69 for Fuseables listings.

Trialed and tested in the lab and grow compatibly. All combo mix of two or three varieties.

FUSEABLES® PRECISION™

See p. 69 for Fuseables listings.

COATED SEED (CT)

Film-coated seed ensures better “flowability” through seeders.

BALL VIGOR INDEX® SEED

Our patented plug testing method determines the vigor and uniformity of seed lots by analyzing physical characteristics and responses of seedlings grown in a plug tray. The higher the rating, the better the quality. So, you are assured of great performance from every packet of seed that displays the Ball Vigor Index rating.

- African Marigold (CT)
- French Marigold (CT)
- Zinnia (CT)

A-REST is a registered trademark of SePRO Corporation.

COATED SEED (CT)

Film-coated seed ensures better “flowability” through seeders.

- Alyssum
- Aster
- Basil
- Celosia
- Cilantro
- Coriander
- Craspedia
- Dahlberg Daisy
- Dahlia
- Digitalis
- Eggplant
- Gazania
- Geranium
- Gerbera
- Gomphrena
- Impatiens
- Lettuce
- Lobelia
- Marigold
- Pepper
- Phlox
- Ranunculus
- Rudbeckia
- Rue
- Salvia
- Spilanthes
- Stock
- Tomato
- Zinnia

CERTIFIED ORGANIC SEED

Our organic seed is not treated with any chemicals. Visit ballseed.com for a complete product listing.

GENESIS® SEED (GS)

Primed seed germinates under a wider range of temperatures and delivers better uniformity.

- Cleome
- Coreopsis
- Cyclamen
- Echinacea
- Lewisia
- Pansy
- Phlox
- Poppy (Papaver)
- Primula
- Verbena
- Viola

HIGH ENERGY SEED (HE)

Refined seed delivers improved germination and uniformity.

- Aquilegia
- Cosmos
- Delphinium
- Echinacea
- Geum
- Gypsophila
- Impatiens
- Lavender
- Lemongrass Premium
- Leucanthemum
- Penstemon
- Pitlotus
- Rudbeckia
- Salvia
- Scabiosa
- Strawberry
- Verbena
- Zea (Ornamental Corn)

MULTI-SEED PELLETS (MPL)

Eliminates the need to run trays through the seeder multiple times.

- Alyssum (7-9 seeds)
- Bacopa (4-5 seeds)
- Begonia (3-4 seeds)
- Chamomile German (8 seeds)
- Chives Onion (8 seeds)
- Dichondra (3-4 seeds)
- Gypsophila (12-14 seeds)
- Fuseables Single-Species Juncus
- Gypsophila (12-14 seeds)
- Helenium (3-4 seeds)
- Helichrysum (3-4 seeds)
- Helichrysum (3-4 seeds)
- Isotoma
- Heuchera
- Isotoma
- Lavandula
- Linaria
- Lisanthus
- Lobelia
- Matricaria
- Mimulus
- Nemesia
- Nicotiana
- Pentas
- Petunia
- Plectranthus
- Portulaca
- Ranunculus
- Saxifraga
- Semprevivum
- Snapdragon
- Stevia
- Strawberry
- Tanacetum
- Torenia
- Verbascum
- Veronica

PELLETED SEED (PL)

Applying a uniform pellet for small seed items improves visibility and makes seeder pick-up easier.

- Ageratum
- Angelonia
- Basil
- Begonia
- Bellis
- Campanula
- Celosia
- Coleus
- Dianthus
- Digitalis
- Dusty Miller (Genesis pelleted)
- Exacum
- Gloxinia
- Heuchera
- Isotoma
- Lavandula
- Linaria
- Lisanthus
- Lobelia
- Matricaria
- Mimulus
- Nemesia
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- Strawberry
- Tanacetum
- Torenia
- Verbascum
- Veronica

PLUG TESTING

All Ball Premier Line seed is plug tested.

TREATED SEED (TR)

Uses Thiram for general seedling disease control and Allegiance for protection against Downy Mildew. Seed is sealed, there is no change in shape/size, and no dust or rub off.

- Carthamus
- Helianthus (Sunflower)
- Pepper
- Tomato

BALL PREMIER LINE® SEED

Today more than 80% of our seed inventory – billions of seeds each year – passes through our Ball Premier Lab for coating and pelleting, priming and testing. You benefit from reduced shrink, reduced cost and improved yield.

BALL VIGOR INDEX® SEED

Our patented plug testing method determines the vigor and uniformity of seed lots by analyzing physical characteristics and responses of seedlings grown in a plug tray. The higher the rating, the better the quality. So, you are assured of great performance from every packet of seed that displays the Ball Vigor Index rating.

- Ageratum (PL)
- Coleus (PL)
- Dianthus (PL)
- Dusty Miller (PL)
- Impatiens (HE & CT)
- Pansy (GS)
- Petunia (PL)
- Phlox (GS)
- Salvia (HE)
- Viola (GS)

FUSEABLES® PRECISION™

See p. 69 for Fuseables listings.

The first-ever professional-quality multi-species and single-species Precision Multi-Pellets are specially formulated to deliver a balanced mix of two or three varieties. Trialed and tested in the lab and in the greenhouse, they germinate and grow compatibly. All combo components are present at least 90% of the time. See page 69 for complete details and product listing.

- Single-Species Bacopa
- Single-Species Calibrachoa
- Single-Species Coleus
- Single-Species Pansy
- Single-Species Petunia
- Multi-Species

BALL CONTROLLED GROWTH™ SEED (BCG)

Every Ball Controlled Growth seed is treated with A-Rest® at the optimum rate for each lot. It’s safe, sustainable, and saves you time and money while producing quality products.

- African Marigold (CT)
- French Marigold (CT)
- Zinnia (CT)

A-REST is a registered trademark of SePRO Corporation.

High performance from every packet of seed displays the Ball Vigor Index rating. The first-ever professional-quality multi-species and single-species Precision Multi-Pellets are specially formulated to deliver a balanced mix of two or three varieties. Trialed and tested in the lab and in the greenhouse, they germinate and grow compatibly. All combo components are present at least 90% of the time. See page 69 for complete details and product listing.

- Single-Species Bacopa
- Single-Species Calibrachoa
- Single-Species Coleus
- Single-Species Pansy
- Single-Species Petunia
- Multi-Species

FUSEABLES® PRECISION™

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Film-coated seed ensures better “flowability” through seeders.

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- Carthamus
- Helianthus (Sunflower)
- Pepper
- Tomato

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800 879-BALL
For quick, simple and reliable technical growing guidance, you can rely on Ball Seed’s in-house technical support team led by Dr. Todd Cavins and Dr. Will Healy. This team has the expertise to provide solutions for crop culture, clean environment protocols, plant physiology and pathology, chemical and biological control agents for pests and more. We have increased our efforts to support our customers with even more ways to find technical solutions. One of our expert technical support team members is available to talk with you by phone at 800 879-BALL whenever you need them. We also offer reference articles on Ball Seed Company’s LinkedIn page for 24/7/365 access. Sign up and you can view these “TIMELY TECH TIP” posts from the Ball Tech Team at https://www.linkedin.com/company/ball-seed-co/. Combined with the advanced digital and online tools offered at ballseed.com, like Ball FloraPlant® BFP TV, the PanAmerican Seed® product information guide, scheduling guides and culture recommendations, you’ll find all the information you need to keep you on track and growing.
NEW Beacon Rose Impatiens, page 54
135+ NEW Annuals for 2021-2022

1 NEW “ONLY FROM BALL” TOP PERFORMER
Begonia Maestro Plus Mix. ........................................... 27

10 MUST-SEE NEW SERIES
Begonia Groovy .......................................................... 24
Celosia Braniac ......................................................... 32
Celosia Foliage Sol Collection ....................................... 32
Impatiens Beacon ....................................................... 54
African Marigold Marvel II ........................................... 61
French Marigold Happy .............................................. 63
Pentas Glitterati ........................................................ 80
Petunia FotoFinish ..................................................... 92
Petunia FlashForward ............................................... 103
Vinca Virtuoso .......................................................... 123

8 AMAZING NEW STANDALONE VARIETIES
Allium Quattro .......................................................... 16
Alyssum North Face White ......................................... 17
Asparagus ‘Mazeppa’ ................................................... 19
Asparagus falcatus ..................................................... 19
Dusty Miller Cineraria maritima candicans .................... 44
Nasturtium Tip Top Rose ............................................ 66
Rudbeckia Cheyenne Gold ........................................... 106
Salvia Lancelot .......................................................... 107

2 POPULAR ANNUALS ARE BACK!
Impatiens Impreza Select Mix ...................................... 56
Zinnia Magellan Coral ................................................ 130

Plus, dozens of new and improved varieties in already popular series.
F1 ABUTILON
A. x hybridum
Crop Time: 4-in. (10-cm) pots, Spring/Summer 11 to 13 weeks, Fall/Winter 13 to 16 weeks
Bella Select Mix
Height: 14 to 18 in. (36 to 46 cm)
Spread: 14 to 18 in. (36 to 46 cm)
A PanAmerican Seed product.
Floriferous, compact and well-branched series flowers continuously even in high heat. Use for garden containers or indoor flowering plants.

ACHILLEA See Perennials.

AGASTACHE See Perennials.

AGERATUM F1 Also see Cut Flowers.
A. houstonianum (Floss Flower)
Crop Time: Packs, 12 to 13 weeks
Aloha Series
Height: 5 to 8 in. (13 to 20 cm)
Spread: 8 to 12 in. (20 to 30 cm)
Available as Ball Premier Line® seed.
Aloha is early to flower and suited for growing in packs and in 4-in. (10-cm) pots. It is an excellent type for mass production. The strong vigor in the garden makes Aloha an excellent garden performer.
• Blue
• White

High Tide™ F1 Series
Height: 14 to 16 in. (36 to 51 cm)
Spread: 12 in. (30 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Landscape series makes a dense, mounded hedge of color. Grows taller and more vigorously than other landscape ageratum, outlasting standard bedding varieties in gardens and mixed containers. Very well-branched, self-cleaning and easy-care.
• Blue
• White

ALCEA (HOLLYHOCK) Also see Perennials.
A. rosea annua
Crop Time: 4 to 4.5-in. (10 to 11-cm) pots, 12 to 14 weeks
Spring Celebrities Series
Height: 24 to 32 in. (61 to 81 cm)
Spread: 18 to 24 in. (46 to 61 cm) unpinched, 24 to 30 in. (61 to 76 cm) pinched
Long-flowering, naturally dwarf annual hollyhock produces large, semi-double blooms from May through October. Good for bedding and containers.
• Carmine Rose
• Crimson
• Lemon
• Purple
• White
• Formula Mix Includes double and semi-double blooms.
**ALLIUM**

**New Quattro F1**
- **Height:** 36 in. (91 cm)
- **Spread:** 12 in. (30 cm)

Beautiful and delicious patio or garden perennial flowers beautifully in July for about 7 weeks. Ball-shaped purple flowers have a vase life of up to 3 weeks.

**ALTERNANTHERA**

**A. DENTATA**
- **Crop Time:** 4 to 4.5-in. (10 to 11-cm) pots, 4 to 5 weeks

**Purple Knight**
- Vigorous, dark purple-leafed foliage plant is an ideal accent for mixed containers.

- **Height:** 18 to 36 in. (56 to 91 cm) – varies by location; taller in warmer conditions
- **Spread:** 25 to 36 in. (61 to 91 cm)

A PanAmerican Seed product.

Vey heat-tolerant plant thrives even in subtropical Summer conditions. Grow in full sun for the darkest leaf color. Upright, spreading plants work well in landscapes. Good for 4-in. (10-cm) pots to gallons.

**A. BRASILIANA**

**Purple Prince**
- **Height:** 10 to 16 in. (25 to 41 cm)
- **Spread:** 18 to 20 in. (46 to 51 cm)

A PanAmerican Seed product.

First compact seed alternanthera is an easy-to-grow alternative to vegetative varieties. Creates a durable carpet of ruby/burgundy foliage that stands up to any Summer condition including drought and rain. Great in low-maintenance landscapes for both professional and home gardener use, or an eye-catching spiller in containers. May flower under very short days; light plants at that time of year to prevent bud formation.

---

**ALYSSUM**

**Lobularia maritima**
All alyssum seed is available as multi-seed pellets unless otherwise noted.

**Crop Time:** Packs, 6 to 8 weeks

**Clear Crystal® Series**
Tetraploid series delivers superior vigor and stronger performance in containers and landscapes than diploids.

- **Height:** 6 to 10 in. (15 to 25 cm)
- **Spread:** 12 to 14 in. (30 to 36 cm)

A PanAmerican Seed product.

Available as Ball Premier Line® seed.

Few PGRs are needed in most markets and plants can be produced with little or no heat. Flowers are large and fragrant. Unique Lavender Shades and Purple Shades are the first pigmented tetraploid alyssums and are well-matched to White.

- **Lavender Shades** Color is lighter under warm temperatures, especially nights. US 7,915,504
- **Purple Shades** Color is lighter under warm temperatures, especially nights. US 7,915,504
- **White** Cleaner white flowers and darker green foliage than Snow Crystals, with more controlled habit and slightly larger flowers. US 7,915,504
- **Mix** May contain most or all colors in the series. US 7,915,504

**Easter Bonnet Series**
Compact, uniform and early-blooming series, matched in habit and flowering, is offered in a full color range.

- **Deep Pink**
- **Deep Rose**
- **Violet**
- **White**
- **Formula Mix**

**Giga White**
- **Height:** 3 in. (8 cm)
- **Spread:** 9 to 12 in. (23 to 30 cm)

Available as Ball Premier Line® seed.

Big, pure white flowers on dense, well-branched plants fill packs and pots well. More vigorous with larger flowers than Wonderland varieties.

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
New North Face White
Height: 5 to 6 in. (13 to 15 cm)
Spread: 12 to 16 in. (30 to 41 cm)
Available as Ball Premier Line® seed.
Mounded, cascading habit is ideal for hanging baskets and as container fillers. The larger, pure white flowers, and improved vigor show better at retail and in the garden.

Snow Crystals
Height: 6 to 10 in. (15 to 25 cm)
Spread: 12 to 14 in. (30 to 36 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Heat-tolerant plants.

Wonderland Series
Height: 3 in. (8 cm)
Spread: 8 to 12 in. (20 to 30 cm)
Well-matched in height, blooming time and outdoor performance.
• Blue
• Deep Purple
• Deep Rose
• Lavender
• Pink
• White
• Mix May contain most or all colors in the series.
• Mulberry Mix: Shades of lavender, purple and white.

AMARANTHUS
A. gangeticus (Joseph’s Coat)
Crop Time: Packs, 3.5-in. (9-cm) pots: Sow in February and March for April and May sales.

Carnival
Height: Up to 48 in. (1.2 m)
Spread: 18 to 24 in. (45 to 60 cm)
Striking foliage plant shows fiery shades of yellow and red contrasting with bronze leaves. Tall purple flowers are produced in late Summer. A focal point for any display.
**F1 ANGELONIA**
*A angustifolia*

Crop Time: 306 premium packs, 4 to 6.5-in. (10 to 17-cm) pots, gallons: 13 to 16 weeks

**Serena® Series**
No stick, no pinch...just sow and go!

- **Height:** 16 to 20 in. (51 to 51 cm)
- **Spread:** 12 to 15 in. (30 to 36 cm)

A PanAmerican Seed product.
Available as Ball Premier Line® seed.
High-quality, economical choice for premium pack and landscape programs. Well-branched, “no-pinch” plants are compact and full; grow up to 50% larger in Florida, southeast Asia and similar climates. Well-suited to hot climates in both humid and dry areas. Outstanding choice for gardens and mixed containers with continuous flowering. Deer and rabbit resistant.

<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Blue</td>
<td>Improved Lighter, true blue color and one week earlier to flower.</td>
</tr>
<tr>
<td>New Purple</td>
<td>Improved Deeper, more intense purple color with earlier flowering.</td>
</tr>
<tr>
<td>Rose</td>
<td></td>
</tr>
<tr>
<td>White</td>
<td></td>
</tr>
<tr>
<td>Mix</td>
<td>May contain most or all colors in the series.</td>
</tr>
<tr>
<td>Waterfall Mix</td>
<td>NEW Purple Improved plus a sky blue and white segregating mix (not available separately).</td>
</tr>
</tbody>
</table>

**Serenita® Series**
The same “Elegant and Tough” performance as Serena...in a more compact and manageable plant.

- **Height:** 12 to 14 in. (30 to 36 cm)
- **Spread:** 12 to 14 in. (30 to 36 cm)

A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Serenita is ideal for very hot/humid night temperatures like Florida, southeast Asia and other southern areas. Fewer to no PGRs are needed to produce shorter plants. Also good for mixed combos where a shorter structure plant is required. Deer and rabbit resistant.

<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Lavender</td>
<td></td>
</tr>
<tr>
<td>Pink</td>
<td>All-America Selections National Winner.</td>
</tr>
<tr>
<td>Purple</td>
<td></td>
</tr>
<tr>
<td>Raspberry</td>
<td>Unique, strong color. Times like Serena so can also be added to that mix.</td>
</tr>
<tr>
<td>Rose</td>
<td></td>
</tr>
<tr>
<td>Sky Blue</td>
<td>Color holds up in high heat and light; lighter than Serena Blue and distinctive from Serenita Purple. Timing/height like Serenita Raspberry.</td>
</tr>
<tr>
<td>White</td>
<td></td>
</tr>
<tr>
<td>Mix</td>
<td>May contain most or all colors in the series.</td>
</tr>
</tbody>
</table>

Stand out from the rest with Serena and Serenita marketing tools.

- **Tags and Pack** Handle from your preferred supplier.
- **FREE 11x7-in. (28x18-cm) Benchcard**
- **FREE 19x38-in. (48x97-cm) Poster**

NEW Serena Blue Improved
NEW Serena Purple Improved
NEW Serena Rose
NEW Serenita Lavender
Serena Waterfall Mix
Serena Pink
Serena Sky Blue

NEW Serena Purple Improved
NEW Serena Blue Improved
Serena Rose
NEW Serenita Lavender

Stand out from the rest with Serena and Serenita marketing tools.
AQUILEGIA See Perennials.

ARABIS See Perennials.

ARMERIA See Perennials.

ASCLEPIAS Also see Perennials and Cut Flowers.

Red Butterfly
Height: 24 to 28 in. (61 to 71 cm)
Spread: 10 in. (25 cm)
A multipurpose variety, suitable as a bedding, landscape and patio plant, as well as a home garden cut flower. Features beautiful flower umbels on strong stems all through the Summer.

ASPARAGUS
Crop Time: 7 to 7.5 months
Height: 2 to 3 ft. (61 to 91 cm)
Spread: 2 to 3 ft. (61 to 91 cm)
New A. densiflora ‘Mazeppa’ (Foxtail Fern) Evergreen tuberous plant with linear feathery leaves on long arching stems. During Summer, small white flowers are produced followed by bright red berries.

A. densiflorus ‘Meyerii’/A. meyerii
Deep green, tapered, foxtail-like spikes.

A. densiflorus ‘Sprengeri’
(Dasparagus Fern) Darker green, coarser leaves than A. setaceous.

New A. falcatus
(Aasparagus Fern) Produces long, sickle-like, shiny green leaves on a robust, vigorous climber with thorns on older, woody stems. Extremely easy to look after and fast growing.

A. plumosus
(Aasparagus Fern) Soft, needlelike leaves that cascade down a container.

ASTILBE See Perennials.

ASTER Also see Cut Flowers. Callistephus chinensis
Crop Time: Green packs, 7 to 8 weeks
Pot ‘N Patio Series
Height: 6 in. (15 cm)
Spread: 6 in. (15 cm)
A PanAmerican Seed product. Produces fully double, 2.5 to 3-in. (6 to 8-cm) flowers without supplemental lighting. Best in planters and mixed combos.
• Blue
• Pink
• Scarlet
• Mix May contain most or all colors in the series.

BACOPA
Sutera cordata
Crop Time: 4.5-in. (11-cm) pots, 8 to 9 weeks
Fuseables® Utopia
Find out more about these single-species Precision Multi-Pellets on page 69.
Blutopia®, Pinktopia & Snowtopia®
Height: 6 in. (15 cm)
Spread: 18 to 24 in. (46 to 61 cm)
A PanAmerican Seed product. Available as Ball Premier Line® seed. These first-ever bacopas from seed let you mechanize production, with easy crop scheduling, quick turns, no pinching and no stock plants. Ideal for 5.5 to 12-in. (11 to 30-cm) programs. Performs well in large planters and mixed containers.
• Blutopia Traditional lavender-blue color. More mounded habit and slightly smaller leaves than Snowtopia.
• Pinktopia The third color in this series brings a bright pink bloom and brighter green leaves.
• Snowtopia White.

BEET Also see Vegetables. Beta vulgaris
Bull’s Blood
Height: 12 to 36 in. (30 to 91 cm)
Heirloom variety works well as an ornamental.
BEGONIA

FIBROUS-ROOTED LANDSCAPE

B. X BENARIENSIS

Whopper® Series

Landscapers and their clients love the super-sized shows that Whopper puts on in mass plantings and large containers, thanks to the big, vigorous plants; exceptional bloom size and excellent heat tolerance.

Height: 28 to 34 in. (71 to 86 cm)
Spread: 24 to 28 in. (61 to 71 cm)

A Ball Ingenuity product, available exclusively through Ball Seed.

Available as Ball Premier Line® seed.

Bred by Benary.

Whopper produces extra-large flowers up to 3 in. (7.5 cm) across, and keeps blooming from Spring through the end of Fall — a must for creating 55 MPH drive-by color.

Recommended for growing in 4-in. (10-cm) pots to sell as a green plant to landscapers, or in gallon containers in bloom.

• Red With Bronze Leaf
• Red With Green Leaf
• Rose With Bronze Leaf
• Rose With Green Leaf

Whopper Red With Green Leaf
Whopper Rose With Bronze Leaf
Whopper Rose With Green Leaf
Whopper Rose With Bronze Leaf

FREE 11 x 7-in. (28 x 18-cm) Benchcard

FREE 16 x 30-in. (41 x 76-cm) Cart Sign

Tags from your preferred supplier.

Branded pots from your preferred supplier.

Take sales to a new level with Whopper marketing tools.

Order at ballseed.com/webtrack, 800-879-BALL or fax: 800-234-0370
BIG Series
Height: 20 to 28 in. (51 to 71 cm)
Spread: 16 to 20 in. (51 to 51 cm)
Available as Ball Premier Line® seed.
Boasts both bronze and green-leaf varieties for a colorful show. Large, 2 to 3-in. (5 to 8-cm) flowers are held above glossy leaves on upright, arching plants for BIG impact in mass plantings, large planters and baskets.
- New Deep Rose With Bronze Leaf
- Pink With Bronze Leaf
- Pink With Green Leaf
- New Red With Bronze Leaf Improved
- Red With Green Leaf
- Rose With Bronze Leaf
- Rose With Green Leaf
- New White With Green Leaf

Encore IV Series
Vigorous, robust, green-leafed plants fill in fast and cover the soil well for a good show at retail and excellent outdoor performance.
Height: 15 to 16 in. (36 to 51 cm)
Spread: 10 to 12 in. (25 to 30 cm)
A Ball Ingenuity product, available exclusively through Ball Seed.
Available as Ball Premier Line® seed.
Large-bloomed, early-flowering series performs well in gardens, baskets and containers of all types. Strong seedling vigor leads to full plug trays. Best in Jumbo packs to 6-in. (15-cm) pots.
- Pink
- Red
- Rose
- White
- Mix May contain most or all colors in the series.

Fiona F1 Series
Height: 8 to 10 in. (20 to 25 cm)
Spread: 8 to 10 in. (20 to 25 cm)
Available as Ball Premier Line® seed.
Series of semi-double flowers with an extremely high petal count offers two colors, Red and Rose, featuring good uniformity and early flowering.
- New Pink
- Red Fleuroselect Gold Medal.
- Rose
- New White

B. X SEMPERFLORENS-CULTORUM

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
F1 WINGED BEGONIA®

*B. x hybrid* 

**Crop Time:**
- 6-in. (15-cm) pots, 14 to 17 weeks
- 8-in. (20-cm) pots, 15 to 18 weeks
- 10 to 12-in. (25 to 30-cm) baskets, 16 to 19 weeks

**BabyWing® Series**

- **Height:** 12 to 15 in. (30 to 38 cm)
- **Spread:** 10 to 12 in. (25 to 30 cm)

*A PanAmerican Seed product.*

Available as Ball Premier Line® seed.

Flowering 10 days to 2 weeks earlier than Dragon Wing, BabyWing produces blooms all season over foliage that looks like small Dragon Wing leaves. Upright, mounded plants have a controlled habit ideal for shipping. Extremely heat tolerant; stands up to stressful conditions. Ideal for 4 to 10-in. (10 to 25-cm) programs.

- **Bicolor** Shows a hint of “orange glow” on each flower along with the novel color pattern. Slightly smaller flowers than others in the series, but very floriferous for the same overall flower power.
- **Pink**
- **Red** Green leaves can show red picotee edge when young.
- **White**
- **White Bronze Leaf**
- **Mix** May contain most or all colors in the series.

**Dragon Wing® Series**

- **Height:** 12 to 15 in. (30 to 38 cm)
- **Spread:** 15 to 18 in. (38 to 46 cm)

*A PanAmerican Seed product.*

Available as Ball Premier Line® seed.

Dragon Wing delivers proven garden performance across a wide range of conditions. This “Amazing Blazing Begonia” builds spectacular hanging baskets and large containers, and makes great gardens and landscapes! Named for its eye-catching angel-wing leaves and large blooms, award-winning Dragon Wing is very heat tolerant and gardener friendly. Surpasses vegetative varieties for branching, vigor and flower power.

- **Pink**
- **Red**

**Set your sales on fire with Dragon Wing marketing tools.**

- 6-in. (15-cm) Pot
- **FREE 11x7-in. (28x18-cm) Benchcard**
- **FREE 19x38-in. (48x97-cm) Poster**
- **Tags from your preferred supplier.**

*Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370*
INTERSPECIFIC BEGONIA

Crop Time: 6-in. (15-cm) pots, 14 to 18 weeks; 12-in. (30-cm) baskets, 16 to 19 weeks

Megawatt™ F1 Series

Height: 20 to 28 in. (51 to 71 cm)
Spread: 16 to 24 in. (51 to 61 cm)

A PanAmerican Seed product.

Available as Ball Premier Line® seed.

Grow and sell high-voltage color earlier in the season...on a king-sized series! The two Bronze Leaf varieties finish 5 to 15 days earlier than comparable varieties.

All six Megawatt colors produce striking, non-stop flowers from Spring through Fall, on sturdy stems that hold blooms above lush foliage. Beautiful and versatile plants are ideal for landscapes, baskets, big tubs and borders. Perform well in heat and drought, with no deadheading needed.

- Pink Bronze Leaf
- Pink Green Leaf
- Red Bronze Leaf
- Red Green Leaf
- Rose Bronze Leaf
- Rose Green Leaf

Tophat Series

Height: 16 to 20 in. (41 to 51 cm)
Spread: 20 to 24 in. (51 to 61 cm)

Available as Ball Premier Line® seed.

Largest blooms in the jumbo-sized, interspecific begonia class. Green-leafed and upright habit. Bred for versatility. Finishes at least 1 week earlier than its leading competitors.

- Pink
- Rose Bicolor
- Scarlet
- White
F1 BEGONIA BOLIVIENSIS

Crop Time: 5.5-in. (11-cm) pot, 14 to 16 weeks; 10-in. (25-cm) basket, 15 to 18 weeks

Bossa Nova Series

Height: 12 to 16 in. (30 to 51 cm)
Spread: 20 to 22 in. (51 to 56 cm)
Available as Ball Premier Line® seed.

Great vigor and strong branching make this bright, showy series an ideal choice for baskets, containers and borders. Self-cleaning plants produce new flowers continuously. Very long flowering – early Spring to first frost.

• Night Fever Papaya
• Orange
• Pink Glow
• Pure White
• Red
• Rose
• Yellow
• Mix May contain most or all colors in the series.

New Groovy Series

Height: 12 to 16 in. (30 to 41 cm)
Spread: 8 to 10 in. (20 to 25 cm)
Available as Ball Premier Line® pelleted seed.

Superior germination rate and outstanding plug performance in a compact boliviensis that has very uniform colors.

• Mellow Yellow
• Orange
• Pink
• Red
• Rose
• White
• Mix May contain most or all colors in the series.

Sun Cities Collection

Height: 12 to 16 in. (30 to 41 cm)
Spread: 16 to 20 in. (41 to 51 cm)
Available as Ball Premier Line® seed.

Excellent for premium hanging baskets, containers and mass plantings; this easy-to-grow trio is matched for habit and timing. Compact, no-pinching plants grow upright, then cascade during finishing. Shatterproof, 2 to 3-in. (5 to 8-cm) long flowers in exotic colors deliver an appealing tropical look. Heat, drought and weather-tolerant; self-cleaning.

• Santa Barbara White.
• Santa Cruz Scarlet.
• San Francisco Bright salmon.
FIBROUS-ROOTED BEGONIA
B. x semperflorens-cultorum (Wax Begonia)

Crop Time: Packs, 14 to 16 weeks

BRONZE-LEAF FIBROUS-ROOTED BEGONIA

Bada Boom Series
Height: 8 to 10 in. (20 to 25 cm)
Spread: 6 to 8 in. (15 to 20 cm)
Available as Ball Premier Line® seed.
Well-branched, bronze-leafed plants are smothered in blooms all season. These proven sun-to-shade performers are great companions to green-leafed Bada Bing varieties (page 26).
• Pink
• Rose
• Scarlet
• White
• Mix May contain most or all colors in the series.

Cocktail Series
Height: 8 to 10 in. (20 to 25 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Available as Ball Premier Line® seed.
Compact plants have dark bronze foliage.
• Brandy Light pink.
• Gin Rose.
• Rum White edged with red.
• Tequila Deep rose.
• Vodka Red.
• Whiskey White.
• Mix May contain most or all colors in the series.

Harmony Plus Series
Height: 8 to 10 in. (20 to 25 cm)
Spread: 6 to 8 in. (15 to 20 cm)
A Ball Ingenuity product, available exclusively from Ball Seed.
Available as Ball Premier Line® seed.
The series improves on original Harmony, offering earlier flowering, larger blooms and darker bronze foliage.
• Pink
• Rose
• Scarlet
• White
• Mix May contain most or all colors in the series.
Nightlife Series
Height: 8 to 10 in. (20 to 25 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Available as Ball Premier Line® seed.
Very early-flowering and uniform series has large blooms and very dark bronze leaves – the darkest foliage on the market. Good performer in gardens and mixed containers.
- Blush
- Deep Rose
- Pink
- Red
- White
- Mix May contain most or all colors in the series.

Senator iQ Series
Height: 8 in. (20 cm)
Spread: 8 in. (20 cm)
Available as Ball Premier Line® seed.
Senator varieties marked with the iQ symbol have darker bronze foliage, the darkest on the market! They are non-stretching in the pack/pot, and have a more uniform, early flowering and compact plant habit with large, bold blooms. Excellent garden performance and longer shelf life at retail.
- Deep Rose
- Pink
- Rose
- Rose Bicolor
- Scarlet
- White
- Mix May contain most or all the colors in the series.

Ambassador Series
Height: 6 to 8 in. (15 to 20 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Available as Ball Premier Line® seed.
Displays 0.75 to 1-in. (2 to 3-cm) blooms.
- Bicolor White with rosy pink edges.
- Pink
- Rose
- Scarlet
- White
- Mix May contain most or all colors in the series.

Bada Bing Series
Height: 8 to 10 in. (20 to 25 cm)
Spread: 6 to 8 in. (15 to 20 cm)
Available as Ball Premier Line® seed.
Perfect partners to bronze-leafed Bada Boom (page 25), these well-branched plants put on a season-long color show in the garden.
- Pink
- Rose
- Rose Bicolor
- Scarlet
- White
- Mix May contain most or all colors in the series.
Prelude Plus Series
Height: 8 to 10 in. (20 to 25 cm)
Spread: 6 to 8 in. (15 to 20 cm)
A Ball Ingenuity product, available exclusively from Ball Seed.
Available as Ball Premier Line® seed.
An improvement over Prelude, this new series offers larger flowers, more vibrant green foliage and earlier flowering.
• Pink
• Rose
• Scarlet
• White
• Mix May contain most or all colors in the series.

Super Olympia Series
Height: 8 to 10 in. (20 to 25 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Available as Ball Premier Line® seed.
Early-flowering landscape series makes compact and uniform plants with 0.75-in. (2-cm) blooms.
• Pink
• Red
• Rose
• White
• Mix May contain most or all colors in the series.

Sprint Plus Series
Height: 8 to 10 in. (20 to 25 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Available as Ball Premier Line® seed.
Flowers 10 to 14 days earlier than others of this type, with excellent germination and young plant vigor. Needs fewer PGRs in production. Grows uniformly in packs and stays uniform all season without stretching. Compact, rounded, well-branched plants have large, round flowers.
• Blush
• Lipstick
• Orange
• Orange Bicolor
• Pink
• Red
• Rose
• White
• Maxi Mix May contain most or all colors in the series.

Topsin Series
Height: 8 to 10 in. (20 to 25 cm)
Spread: 8 to 10 in. (20 to 25 cm)
Available as Ball Premier Line® seed.
Early, uniform series can be grown with other cool Spring bedding plants to save energy/heating costs. Strong vigor; good flower size and great branching assure reliable garden performance. Fits well into early Spring through Summer programs in packs, small and large pots, color bowls, baskets and combos.
• Pink
• Rose
• Scarlet
• White
• Mix May contain most or all colors in the series.

GREEN & BRONZE-LEAF FIBROUS BEGONIA

New Maestro Plus Mix
A Ball Ingenuity product, available exclusively through Ball Seed.
Available as Ball Premier Line® seed.
Unique mix of well-matched, green and bronze-leaved colors taken from the Harmony Plus (page 25) and Prelude Plus (left) series. Compact plants have earlier and larger flowers. Very uniform, free-flowering habit and great outdoor performance.

BEGONIA B. x tuberhybrida
Crop Time: 10-in. (25-cm) baskets, 19 to 21 weeks

Bliss™ F1 Series
Very early, uniform-flowering series finishes 10 days faster than most tuberous begonias with a tight, compact habit and smaller foliage for less breakage.
Height: 10 to 12 in. (25 to 30 cm)
Spread: 10 to 12 in. (25 to 30 cm)
A Ball Ingenuity product, available exclusively through Ball Seed.
Available as Ball Premier Line® seed.
Bred by Benary.
Bliss gives growers cost-effective production all the way from 4 and 6-in. (10 and 15-cm) pots to baskets. Consumers and landscapers appreciate the terrific flower power; large, fully double blooms in bright colors; and exceptional garden performance in shade beds and planters.
• Deep Red
• Orange
• Pink Shades
• Scarlet
• White
• Yellow
• Mix May contain most or all colors in the series.

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
Fortune Series
Height: 10 in. (25 cm)
Spread: 6 to 8 in. (15 to 20 cm)
Available as Ball Premier Line® seed.
Uniform, compact series for bedding, baskets and mixed containers. The early plants produce many 2 to 3-in. (5 to 8-cm) blooms on short stems.
- Apricot Orange Shades
- Coral Shades
- Golden Shades
- Golden With Red Back
- Orange Shades
- Peach Shades
- Pink
- Scarlet Red
- Yellow
- Mix May contain most or all colors in the series.

Nonstop Series
Height: 10 in. (25 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Available as Ball Premier Line® seed.
Flowers freely with double and semi-double blooms, 3.5 to 4.5 in. (9 to 11 cm) wide. 22 weeks.
- Appleblossom
- Deep Rose
- Deep Salmon
- New Fire
- Orange
- Pink
- Red
- Rose Petticoat
- New Sunset
- White
- Yellow
- Yellow With Red Back
- Mix May contain most or all colors in the series.

Funky Series
Height: 8 in. (20 cm)
Spread: 8 in. (20 cm)
Available as Ball Premier Line® seed.
Large, bright blooms with a novel double flower form add a fun look to baskets, mixed containers and landscapes. Lightens up shady places and withstands full sun, too. Reliable high germination rates and the compact, semi-trailing and well-branched habit combine to make plants that are easy to grow and ship.
- Light Pink
- Orange
- Pink
- New Red
- Scarlet
- White

Illumination Series
Height: 8 to 12 in. (20 to 30 cm)
Spread: trails up to 3 ft. (91 cm)
Available as Ball Premier Line® seed.
Cascading plants fill in quickly, displaying 2 to 3-in. (5 to 8-cm), double flowers.
- Apricot Shades
- Golden Picotee Yellow with orange margin.
- Lemon
- Orange
- Pink
- Salmon Pink
- Scarlet
- White
- Mix May contain most or all colors in the series.

Nonstop JOY Yellow F1
Height: 8 to 10 in. (20 to 25 cm)
Spread: 14 to 16 in. (36 to 41 cm)
Available as Ball Premier Line® seed.
Proven Nonstop quality…topped by huge, double, yellow flowers that pop at retail and in the garden. Better branching assures fuller baskets with easier sleev ing and shipping. Great in landscapes and patio planters, too.
- Appleblossom
- Deep Rose
- Deep Salmon
- New Fire
- Orange
- Pink
- Red
- Rose Petticoat
- New Sunset
- White
- Yellow
- Yellow With Red Back
- Mix May contain most or all colors in the series.
- Mix

Nonstop JOY Mocca White
Height: 10 in. (25 cm)
Spread: 10 in. (25 cm)
Compact, semi-trailing variety for premium baskets. Well branched and easy to ship.
- Appleblossom
- Deep Rose
- Deep Salmon
- New Fire
- Orange
- Pink
- Red
- Rose Petticoat
- New Sunset
- White
- Yellow
- Yellow With Red Back
- Mix May contain most or all colors in the series.
- Mix
FOLIAGE BEGONIA
B. x hybrida
Crop Time: 4.5 to 6-in. (11 to 15-cm) pots, 13 to 17 weeks; 12-in. (30-cm) pots, 17 to 20 weeks
Gryphon
Unique tropical appearance adds “WOW” to retail programs and makes Gryphon a great impulse item.
Height: 14 to 16 in. (36 to 41 cm) in shade, 12 to 14 in. (30 to 36 cm) in partial sun; may grow to 30 in. (76 cm) tall in hot/humid conditions
Spread: 16 to 18 in. (41 to 46 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Retailers appreciate the showy displays, low water needs, longer sales window, and versatility for both indoor and outdoor plant sales areas. For consumers, these easy-care, water-efficient plants deliver great success and bring them back for more. Garden-to-house Gryphon lets them extend the season by bringing plants indoors at the end of the season. Gryphon fits into existing begonia plug culture, and is easier and quicker to produce than vegetative foliage types. Plants are more tolerant of stressful conditions than Rex begonias for less shrink at retail, and fit programs from 4.5 to 10 in. (11 to 25 cm).

BELLIS
Also see Perennials.
B. perennis
Crop Time: 306 premium packs, 18 to 20 weeks
Bam Bam Series
Height: 3 to 4 in. (8 to 10 cm)
Spread: 5 to 6 in. (13 to 15 cm)
Available as Ball Premier Line® seed.
Unique large-flowered variety has a dwarf habit, with 100% annual flowering and no vernalization needed. Cleaner foliage than older, more vigorous varieties.
• Red
• Rose
• Formula Mix Red and Rose

Bellissima™ Series
Height: 6 to 10 in. (15 to 25 cm)
Spread: 5 to 8 in. (13 to 15 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
An excellent landscape performer in cool climates, producing many early, large, double blooms. Sturdy plants are well-suited to packs and 5-in. (13-cm) pots. No vernalization is needed for flowering. Performs as a perennial in Zones 4 to 8.
• Red
• Rose
• Rose Bicolor
• White
• Mix May contain most or all colors in the series.

CALENDULA
C. officinalis
Crop Time: Packs, 15 to 16 weeks
Bon Bon Series
Height: 12 in. (30 cm)
Spread: 6 to 8 in. (15 to 20 cm)
Very uniform for habit and flowering, the dwarf, basal-branching plants produce early, large flowers. Good in 4 to 6-in. (10 to 15-cm) programs.
• Orange
• Yellow
• Mix Bright yellow, orange, apricot and soft yellow.

Costa Series
Height: 16 to 20 in. (41 to 51 cm)
Spread: 16 to 20 in. (41 to 51 cm)
Very uniform for habit and flowering, the dwarf, basal-branching plants produce early, large flowers. Good in 4 to 6-in. (10 to 15-cm) programs.
• Orange
• Yellow
• Mix May contain most or all colors in the series.

CAMPANULA
Also see Perennials and Cut Flowers.
C. medium
Crop Time: 4-in. (10-cm) pots, 19 weeks
Appeal Series
Height: 8 in. (20 cm)
Spread: 10 in. (25 cm)
Available as Ball Premier Line® seed.
High-value pot crop is well-suited to 5 to 6-in. (13 to 15-cm) programs for use in patio planters, mixed combos and indoors. Genetically compact plants can be produced under low temperatures, but do not need cold to flower.
• Deep Blue
• Pink

Order all the products in this catalog using WebTrack®.
Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
**F₁ CALIBRACHOA**
*C. x hybrida*

**Fuseables® Paradise Island**
Find out more about these single-species Precision Multi-Pellets on page 69.

Grow easily and efficiently with the world’s first calibrachoa from seed.

Crave Strawberry Star and Kabloom produce bushy, trailing plants that show off the same amount of color as mid-vigor vegetative calibrachoas — side-by-side, you can’t tell the difference. Ideal premium input for quarts, 4 to 6-in. (10 to 15-cm) pots, hanging baskets and mixed combos.

**Crave Strawberry Star**
- Height: 10 to 14 in. (25 to 36 cm)
- Spread: 12 to 16 in. (30 to 41 cm)

A Ball Ingenuity product, available exclusively through Ball Seed.
Available as Precision™ Multi-Pellets.

The first star pattern in seed calibrachoa! Flower color may shade slightly — under warmer night conditions, the strawberry color may become lighter, while maintaining a consistent star pattern. Plants have good vigor, with a more uniformly branched and controlled habit than Crave Sunset. Grows more vigorously than the Kabloom varieties. Requires 12-hour daylength for best flowering.

**Kabloom™ Series**
- Height: 8 to 12 in. (20 to 30 cm)
- Spread: 10 to 14 in. (25 to 36 cm)

A PanAmerican Seed product.
Available as Precision™ Multi-Pellets.

The first-of-its-kind Kabloom series includes 9 colors to complete your calibrachoa program! The ideal input for grower choice premium quarts is also well-suited to 4 to 6-in. (10 to 15-cm) pots, hanging baskets and mixed combos.

- Blue
- Cherry
- Coral
- Denim
- Light Pink Blast
- Orange
- Pink
- White
- Yellow PP 26,516

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
Canna \( \times \) generalis

**Crop Time:** 5-in. (10-cm) pots, 15 to 17 weeks

**Cannova® F1 Series**

The first-ever seed F1 series offers an easy-to-grow option with improved economy.

**Height:** 30 to 48 in. (76 cm to 1.2 m)

**Spread:** 14 to 20 in. (36 to 51 cm)

A Ball Ingenuity product, available exclusively from Ball Seed.

Bred by Takii in Europe.

Move over TC and rhizomes – grower-friendly Cannova has taken the market by storm! This exceptional hybrid series boasts strong colors that will capture the landscape market and be a sure hit with home gardeners in their garden beds and as “thrillers” in their mixed containers.

Ideal for cart programs, the versatile plants work well in 5-in. (10-cm) pots to 2 gallons, offering a wealth of selling opportunities.

- **Bronze Orange** Bronze foliage.
- **Bronze Scarlet** Bronze foliage; may contain 5 to 10% green leaf types.
- **Lemon**
- **Mango**
- **Orange Shades**
- **Red Shades**
- **Rose**
- **Yellow**

CANNOVA is a registered trademark of Takii Europe B.V.

**South Pacific F1 Series**

**Height:** 26 to 32 in. (66 to 81 cm)

**Spread:** 12 to 18 in. (30 to 46 cm)

Vigorous, compact and virus-free plants produce single, 4-in. (10-cm) flowers quickly, excellent repeat blooming.

Good in gardens, planters, shallow water gardens. 11 to 12 weeks.

- **Ivory**
- **Orange**
- **Rose**
- **Scarlet**

All-America Selections National Winner.

**Tropical Series**

**Height:** 25 to 30 in. (61 to 76 cm)

**Spread:** 16 to 18 in. (41 to 46 cm), will grow to 3 ft. (91 cm) across in warmer climates

Bright, 3 to 4-in. (8 to 10-cm) blooms are held above the foliage. Use for pots and bedding.

- **Bronze Scarlet** The first dwarf bronze-leaf canna from seed. Rich scarlet flowers over bronze-burgundy foliage.
- **Red** Extra-dwarf. Blooms just 13 weeks from sowing in warm conditions.
- **Rose**
- **Salmon**
- **White** Creamy white blooms, some with pink markings. Similar habit to Salmon.
- **Yellow**

**CAREX** See Grasses.
CARNATION F 1
Dianthus caryophyllus

Can Can Series
Height: 18 in. (46 cm)
Spread: 8 in. (20 cm)
USDA Hardiness Zones: Tender perennial from Zone 8
High-quality, large-flowered series produces brightly colored blooms with spicy fragrance from mid-Spring to Summer. Strong-stemmed, well-branched plants work well in borders and planters, and makes a good garden cut flower.
• Rose
• Scarlet
• Cocktail Party Mix

Lillipot Mix
Height: 8 to 10 in. (20 to 25 cm)
Spread: 4 to 5 in. (10 to 13 cm)
Masses of 2-in. (5-cm) flowers cover uniform, basal-branching plants. Ideal for 4-in. (10-cm) pots.

C. CRISTATA (COCKSCOMB CELOSIA)

Armor Mix
Height: 12 to 16 in. (30 to 41 cm)
Spread: 8 in. (20 cm)
Available as Ball Premier Line® seed.
Vigorous bedding plants are ideal for hot Summer gardens, displaying showy cockscomb blooms at the center of the plant, in vibrant orange, purple, red and yellow. Also works well in mixed containers.

New Brainiac Series
Height: 6 to 8 in. (15 to 20 cm)
Spread: 6 to 8 in. (15 to 20 cm)
Early flowering with a compact, uniform habit.
• Lightning Yellow
• Mad Magenta
• Raven Red
• Think Pink
• Maxi Mix includes all series colors.

New Sol™ Collection
Available as Ball Premier Line® seed.
An attractive new foliage celosia collection for the market! Offers relatively fast production time and no downy mildew issues.
• Gekko Green
• Lizzard Leaf

C. ARGENTEA

Asian Garden
Height: 30 to 40 in. (76 cm to 1 m)
Spread: 12 to 15 in. (30 to 38 cm)
Received high marks from the judges for its good branching; bushy growth; early-tobloom, bright pink flowers; and ability to attract pollinators. Heat and drought-tolerant Asian Garden continues to bloom all Summer, holding up even through early frost. Upright, sturdy-stemmed variety can be used as a fresh or an everlasting dried cut flower. All-America Selections National Winner

Tornado Red
Height: 12 to 20 in. (30 to 51 cm)
Bushy plants feature many small, dense, burgundy-red combs that hold color well when dried. Good for indoor and outdoor production.

C. ARGENTEA (FOLIAGE CELOSIA)

Prestige Scarlet
Height: 12 to 24 in. (30 to 61 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Heat-tolerant landscape performer produces 3.5-in. (9-cm) combs and continues to branch after the central flower emerges. All-America Selections National Winner.

CARTHAMUS
See Cut Flowers.

CELOSIA
Also see Cut Flowers and Potted Plants.
Crop Time: 4-in. (10-cm) pots, 13 weeks

C. ARGENTEA

Dracula
Height: 8 to 16 in. (20 to 51 cm); shorter growth in high light
Spread: 8 to 12 in. (20 to 30 cm)
A PanAmerican Seed product.
Unique novelty celosia produces one big bloom on top of each plant. In the greenhouse, flower is red and foliage is green with some red. Outdoors, the leaves are darker and more purple-toned and flower is darker purple. Eye-catching color and shape add drama to landscapes, gardens and containers. Good mid-height border plant.

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Bushy plants feature many small, dense, burgundy-red combs that hold color well when dried. Good for indoor and outdoor production.
C. PLUMOSA (FEATHER CELOSIA)

Bright Sparks Series

Height: 11 to 13 in. (28 to 33 cm)
Spread: 10 to 12 in. (25 to 30 cm)

Bright Sparks excels with large plumes, very well-branched habit and great heat tolerance. The extra branching puts more flowers on every plant, and the bloom size of secondary flowers matches the initial flower. Flowers are less prone to fading than similar types, assuring long-lasting displays. Good for 6-in. (15-cm) programs.

• Bright Yellow
• Burgundy
• Scarlet
• Mix
May contain most or all the colors in the series.

Castle Series

Height: 16 to 20 in. (41 to 51 cm)
Spread: 12 to 14 in. (30 to 36 cm)
7 to 8-in. (18 to 20-cm) plumes.

• Orange
• Pink All-America Selections National Winner.
• Scarlet
• Yellow
• Mix
May contain most or all colors in the series.

Dragon’s Breath

Gorgeous Fall-flowering plumes of color.

Height: 24 in. (61 cm)
Spread: 16 in. (41 cm)

Great in heat and humidity, this variety shows off extra-large, bright red plumes. Well-suited to gallons for landscape and mixed container use. Minimal nitrogen needed during growing period, less fertilizer and irrigation needed for growers.

Fresh Look Series

Height: 14 in. (36 cm)
Spread: 12 in. (30 cm)

Available as Ball Premier Line® seed.
Basal-branched plants are topped by plumes up to 10 in. (25 cm) high. Vigorous with excellent pack and garden performance. New leaves cover old plumes so plants keep their “fresh look” all season.

• Gold All-America Selections Gold Medal Winner.
• Orange
• Red All-America Selections Gold Medal Winner.
• Yellow All-America Selections National Winner.
• Mix
May contain most or all colors in the series.

Glorious Series

Height: 8 to 12 in. (20 to 30 cm)
Spread: 6 to 8 in. (15 to 20 cm)

Available as Ball Premier Line® seed.
Offers a shorter crop time, compact habit and uniform flowering across all colors. Heat-tolerant plants produce striking plumes in bright colors. Ideal for packs and 4-in. (10-cm) pots.

• Orange
• Pink
• Red
• Yellow
• Mix
May contain most or all colors in the series.
CELOSIA continued

Ice Cream Series

Height: 12 in. (30 cm)
Spread: 10 in. (25 cm)

A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Heat-resistant, long-lasting series won’t melt in the sun! Early and well-branched with large flower spikes. Works well in planters and gardens.
- Cherry
- Orange
- Pink
- Salmon
- Yellow
- Mix

May contain most or all colors in the series.

New Look

Height: 14 to 16 in. (36 to 41 cm)
Spread: 12 in. (30 cm)

Available as Ball Premier Line® seed.
Scarlet plumes and bronze foliage cover basal-branching plants ideal for landscaping.

Kimono Series

Height: 6 to 8 in. (15 to 20 cm)
Spread: 8 in. (20 cm)

Very dwarf celosias display 2.5-in. (6-cm) plumes.
- Cherry Red
- Orange
- Red Bronze foliage.
- Rose
- Salmon Pink
- Scarlet
- Yellow
- Mix

May contain most or all colors in the series.

Smart Look Collection

Height: 10 to 12 in. (25 to 30 cm)
Spread: 8 in. (20 cm)

Available as Ball Premier Line® pelleted seed.
More compact and better branched than New Look, Smart Look is crowned with many plumes. Robust plants are excellent garden performers.
- Red Neon red, deep bronze foliage.
- Romantica Plumes start creamy salmon and age to salmon pink.

Central America

See Perennials.

Cheiranthus

See Erysimum.

Chrysantherum

Also see Perennials (Leucanthemum).

C. paludosum

Crop Time: Packs, 10 to 11 weeks

Snowland

Height: 8 to 12 in. (20 to 30 cm)
Spread: 16 to 18 in. (41 to 46 cm)
Single, 1.5-in. (4-cm), white flowers.

Cineraria

See Potted Plants.

Cleome

C. hassleriana (Spider Flower)

Crop Time: Green 4-in. (10-cm) pots, 12 to 13 weeks

Queen Series

Height: 3 to 5 ft. (91 cm to 1.5 m)
Spread: 18 to 20 in. (46 to 51 cm)
Airy plants bloom all Summer and produce strongly scented foliage. Sell plants green.
- Cherry
- Rose
- Violet
- White
- Mix

May contain most or all colors in the series.

Sparkler F1 Series

Height: 42 to 48 in. (1 to 1.2 m)
Spread: 3 ft. (91 cm)

Available as Ball Premier Line® seed.
Heat and sun-tolerant plants grow bushy and upright. Shorter than other cleome, the very free-flowering series is ideal for small gardens or used as an annual hedge. Well-suited to 6-in. (15-cm) and gallon programs, or sell green in smaller containers.
- Blush All-America Selections National Winner.
- Lavender
- Rose
- White
- Mix

May contain most or all colors in the series.
COLEUS
*C. x hybridus/Solenostemon scutellarioides*

Crop Time: Packs, 12 to 14 weeks

**Fuseables® Chocolate Symphony**

**Fuseables Under The Sun**
Find out more about these single-species Precision Multi-Pellets on page 69.

**Kong Jr.™ Series**
Packs even more color onto a sturdier plant!

Height: 18 to 24 in. (46 to 61 cm)
Spread: 20 to 35 in. (51 to 91 cm)

A Ball Ingenuity product, available exclusively through Ball Seed.

Available as Ball Premier Line® seed.

30% smaller leaves than Kong assure easier shipping with less breakage and loss. Kong Jr. delivers big appeal shade color and landscape longevity. Leaf size is well matched on plants with a tidy, appealing habit. Includes unique colors/patterns not available in Kong.

- **Green Halo**
- **Lime Vein** Shows less veining and less to no rose mid-rib in the mahogany heart under brighter shade. In deeper shade, vein pattern is stronger and rose may appear in the mahogany heart at mid-rib.
- **Rose**
- **Scarlet**
COLEUS continued

**Kong® Series**

Height: 18 to 20 in. (46 to 51 cm)
Spread: 15 to 18 in. (38 to 46 cm)

A PanAmerican Seed product.

Available as Ball Premier Line® seed.

A great accent plant for large shade containers, huge-leaved Kong also has a well-branched, mounded habit that creates beautiful landscapes. Performs best and shows more intense color outdoors in full shade. Also works as an indoor plant in bright light.

- Lime Sprite
  - Can show rose color mid-rib in deepest shade. Flowers at the end of the series, similar to Red.
- Mosaic
  - No two leaves are alike.
- Red
  - US PVP 200500015
- Rose
  - US PVP 200500017
- Salmon Pink
  - US PVP 200900035
- Scarlet
- Empire Mix
  - Vibrant mix of all 6 colors. Lime Sprite and Salmon Pink are bred by PanAmerican Seed; other colors are bred by Sakata Seed Corporation.

Right People, Right Products, Right Solutions for You

The Ball Seed® Sales Reps are on the road and in the field with you, applying their unique skills and knowledge to your specific growing needs. Trained in the latest growing trends, trials and techniques, they customize products and programs that work for you.

Our Customer Service Representatives work hand-in-hand with our Sales Reps. They are experts at anticipating customer needs and offering customized solutions leveraging the best and most comprehensive resources in the business. Together, we can find the products and programs to keep your business growing.

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Black Dragon
Height: 12 to 14 in. (30 to 36 cm)
Spread: 10 to 12 in. (25 to 30 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Large, red leaves with curled and serrated, black-purple edges.

Fairway Series
Height: 8 in. (20 cm)
Spread: 10 in. (25 cm)
Available as Ball Premier Line® seed.
Extra-dwarf, well-branched series is suited to packs and 4-in. (10-cm) programs, and delivers long shelf life. Very late flowering; good in baskets, landscapes and planters.
• Mosaic
• Orange
• Red Velvet
• Rose
• Ruby
• Yellow
• Mix May contain most or all colors in the series.

Rainbow Masterblends Mix
Height: 12 to 15 in. (30 to 38 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Available as Ball Premier Line® seed.
Bushy with broad, heart-shaped leaves.

Superfine Rainbow Series
Height: 14 in. (36 cm)
Spread: 10 in. (25 cm)
Available as Ball Premier Line® seed.
Semi-dwarf series grows 14 in. (36 cm) tall, has excellent basal branching and is best in shade to part-shade. Large, vividly colored leaves; very late flowering.
• Color Pride
• Festive Dance
• Multicolor
• Red Velvet
• Volcano

Wizard® Series
Height: 12 to 14 in. (30 to 36 cm)
Spread: 10 to 12 in. (25 to 30 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Compact and uniform, medium-leaved series is popular for gardens, baskets and planters. Easy-care plants are late flowering, extending their landscape value.
Coral Sunrise, Golden, Sunset and Velvet Red work well in high light/full sun areas.
• Coral Sunrise Can start out salmon-pink under cooler conditions and mature to lighter pink when it is warm.
• Golden
• Jade
• Mosaic Earliest of the series.
• Rose
• Scarlet
• Sunset Bronze.
• Velvet Red
• Mix Includes all colors except Pastel.
• Select Mix Scarlet, Sunset, Velvet Red and Mosaic.
PREMIUM SUN COLEUS
Solenostemon scutellarioides

Crop Time: 4-in. (10-cm) pots, 11 to 14 weeks

Premium Sun Coleus are great performers in full sun, with high humidity. Also suitable for shade.

Chocolate Covered Cherry
Height: 12 to 14 in. (30 to 36 cm)
Spread: 10 to 12 in. (25 to 30 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Non-fading multicolor pattern – rose center on each leaf is surrounded by deep mahogany and edged with green. Late flowering and manageable size.

Chocolate Mint
Height: 14 to 20 in. (36 to 51 cm)
Spread: 12 to 14 in. (30 to 36 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Dark-leaved plants feature mid-size, rich chocolate leaves edged in mint green. Upright habit.

Crimson Gold
Height: 14 to 18 in. (36 to 46 cm)
Spread: 14 to 18 in. (36 to 46 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Well-branched, vigorous plants show off beautiful foliage all season. Deep red with golden green edge. Late-flowering.

Dark Chocolate
Height: 24 to 30 in. (61 to 76 cm)
Spread: 18 to 24 in. (46 to 61 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Mid-size leaves in an eye-catching, mahogany brown color; slight touches of burgundy, especially in full sun. Ideal for in-ground plantings and large containers. Suitable for 5-in. (13-cm) pots with 3 plants per pot. NOTE: Planting in full sun is not recommended.

Lime Delight
Height: 28 in. (71 cm)
Spread: 18 to 22 in. (46 to 56 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Vibrant lime green to golden foliage is in demand with decorators. Combines well with other annuals.

Mighty Mosaic
Height: 18 to 26 in. (46 to 66 cm)
Spread: 18 to 22 in. (46 to 56 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Easy-to-produce, multicolor variety delivers the impact of vegetative types. Very late flowering – looks great in landscapes and big planters all season. Great in shade, takes the sun in high humidity.

Pineapple Surprise
Height: 18 to 26 in. (46 to 56 cm)
Spread: 18 to 22 in. (46 to 56 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Unique and versatile tricolor pattern – iridescent chartreuse and deep burgundy hearts are splashed with chartreuse and green. The surprise: Up to 3% of plants can show primarily darker green/burgundy bicolor instead of chartreuse. Stable pattern all season like similar vegetative varieties. Very late flowering.

Rose to Lime Magic
Height: 24 in. (61 cm)
Spread: 18 to 22 in. (46 to 56 cm)
A PanAmerican Seed product.
Unique variety changes color as the season progresses – rose leaf color eventually dissolves, exposing green margin and cream center. Late to flower.

Watermelon
Height: 20 in. (51 cm)
Spread: 18 to 22 in. (46 to 56 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Watermelon-colored leaves have green edges in cool conditions and mature to deep pink under warmer conditions. Late flowering.

COLORGRASS See Grasses.
COREOPSIS See Perennials.

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CORN, ORNAMENTAL
Also see Grasses.
Zea mays
Crop Time: Quarts and gallons, 1 to 2 weeks

Pink Zebra
Height: 48 to 60 in. (1.2 to 1.5 cm)
Spread: 12 to 18 in. (30 to 46 cm)
A PanAmerican Seed product.
The only dwarf variegated ornamental corn on the market! Adds dramatic color and texture with pink/purple/green/white foliage, perfect for late Summer and Fall. Small purple corn cobs will form on plant, great for Fall décor! Thrives in quarts and gallons, with fast finish from plugs or direct sown. Ideal in mixed containers and landscapes.

CORYNEPHORUS
See Grasses.

COSMOS
Also see Cut Flowers.
Crop Time: Packs, 8 to 11 weeks

C. BIPINNATUS
Apollo F1 Series
Height: 18 to 26 in. (46 to 66 cm)
Spread: 20 to 24 in. (51 to 61 cm)
Naturally dwarf habit and shorter internodes are grower and retailer friendly – easy to grow and ship, with a better color display and shelf life. Big, 4-in. (10-cm) flowers and good petal quality assure high-impact gardens and containers.
• Lovesong Includes pink, pink picotee and white blooms.
• Mix Includes white, pink and rose.

Casanova Mix
Height: 10 to 14 in. (25 to 36 cm)
Spread: 12 to 16 in. (30 to 41 cm)
Genetically compact, bushy plants show off colorful single blooms in red, white, pink and violet. Very uniform and perfect for high-density production.

Lemonade
Height: 24 to 30 in. (61 to 76 cm)
Spread: 12 to 18 in. (30 to 46 cm)
Unusual color pattern has contrasting yellow flowers with a white eye. Produces blooms throughout the season. Can be used in containers, and makes an ideal border.

Sonata™ Series
Height: 24 in. (61 cm)
Spread: 12 to 14 in. (30 to 36 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Easy-to-grow plants are free-flowering with golden-eyed blooms. Not short-day types; plants flower in June from March sowing. Good garden cut flower.
• Carmine
• Pink
• Pink Blush
• Purple Shades
• Red Shades
• White
• Complete Mix May contain most or all colors in the series.

C. SULPHUREUS
Cosmic Series
Height: 12 in. (30 cm)
Spread: 12 to 18 in. (30 to 46 cm)
Stocky plants are well-branched and very free-flowering.
• Orange All-America Selections National Winner
• Red
• Yellow
• Mix May contain most or all colors in the series.

Limara Lemon
Height: 8 in. (20 cm)
Spread: 12 to 14 in. (30 to 36 cm)
Many creamy lemon blooms with darker golden eyes top the compact, well-branched plants.

Mandarin
Height: 10 to 12 in. (25 to 30 cm)
Spread: 6 to 8 in. (15 to 20 cm)
A PanAmerican Seed product.
Features a deeper orange color, a better habit and is more uniform compared to competing varieties, with a slightly more compact, mounded shape.

CRASPEDIA
See Cut Flowers.

CROSSANDRA
C. infundibuliformis
Crop Time: 4-in. (10-cm) pots, 24 to 28 weeks

Tropic Series
Height: 10 in. (25 cm)
Spread: 8 in. (20 cm)
A PanAmerican Seed product.
Fast-growing plants produce flowers continuously, even in hot climates. Glossy, dark green leaves.
• Flame
• Yellow Splash
CUPHEA

C. IGNEA (Cigar Plant)

Crop Time: Packs, 11 to 12 weeks

Dynamite

Height: 8 to 10 in. (20 to 25 cm)
Spread: 10 to 12 in. (25 to 30 cm)

A PanAmerican Seed product.
Small, tubular, bright scarlet flowers on compact, well-branched plants. Good for 4-in. (10-cm) pot programs.

C. LLAVEA

Crop time: 6-in. (15-cm) pots and gallons, 9 to 11 weeks

Sriracha Series

Height: 14 to 18 in. (36 to 46 cm)
Spread: 14 to 24 in. (36 to 61 cm)
The first cuphea from seed in separate colors has large flowers on a mid-size plant. Heat and drought-tolerant for larger pots; ships well and has long shelf life.
• New Lavender Bicolor
• Pink
• Rose
• Violet

C. RAMOSISSIMA

Pink Shimmer

Height: 10 to 16 in. (25 to 41 cm)
Spread: 12 to 18 in. (30 to 46 cm)
A PanAmerican Seed product.
This reblooming gem requires no deadheading, looks great even under hot conditions and features profusions of petite flowers all Summer long. US PVPAF

CYCLAMEN See Potted Plants.

DAHLBERG DAISY

Dyssodia tenuiloba

Crop Time: 4-in. (10-cm) pots, 11 to 12 weeks

Golden Fleece

Height: 8 in. (20 cm)
Spread: 12 to 18 in. (30 to 46 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Golden yellow flowers crown mounded plants.

DAHLIA

D. HYBRIDA

Fresco Mix

Height: 10 to 12 in. (25 to 30 cm)
Spread: 12 in. (30 cm)
Very uniform for height, habit and flowering time, the bright mix produces double, 2.75-in. (7-cm) blooms in red, violet, yellow, white and rose. Good for pack and 4-in. (10-cm) pot programs.

D. PINNATA

Figaro™ Series

Height: 14 to 18 in. (36 to 46 cm)
Spread: 10 to 12 in. (25 to 30 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Good premium pack item for garden and container use. Semi-double to double blooms.
• Orange Shades
• Red Shades
• Violet Shades
• White
• Yellow Shades
• Mix May contain most or all colors in the series.

DAISY, SHASTA See Perennials (Leucanthemum).

DATURA

D. metel

Crop Time: 6-in. (15-cm) pots, 13 to 16 weeks

Ballerina Series

Height: 24 to 36 in. (61 to 76 cm)
Spread: 18 to 24 in. (46 to 61 cm)
Striking plants produce fragrant, trumpetlike, double flowers from June to October. Eye-catching in large mono or mixed containers, and landscapes. Well-suited for 6-in. (15-cm) pots. NOTE: Seeds are toxic if eaten.
• Purple
• White
• Yellow

F1 DELPHINIUM

Also see Perennials and Cut Flowers.

D. grandiflorum

New Cheer Blue

Height: 16 in. (41 cm))
Spread: 10 in. (25 cm)
A dwarf version of the popular cut flower that is ideal for garden beds and containers. Fleuroselect Gold Medal winner has a striking mid-blue color. Good vigor and uniformity.

Summer Series

Height: 24 to 36 in. (61 to 91 cm)
Spread: 10 to 12 in. (25 to 30 cm)
• Blues Bright sky blue.
• Cloud Bicolor blue and white.
• Morning Delicate light pink.
• Nights Midnight blue.
• Stars Pure white.
• Colors Mix Sky blue, deep blue and white.

NEW Cheer Blue Delphinium
Heat up sales with Jolt marketing tools.

**D. BARBATUS INTERSPECIFIC DOUBLE-FLOWERED TYPE**

**Dynasty F1 Series**
Makes well-branched, strong-stemmed plants with good heat tolerance.

- **Height:** 16 to 20 in. (41 to 51 cm)
- **Spread:** 10 in. (25 cm)
- **USDA Hardiness Zones:** 6 to 9

A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Lightly scented, 1 to 1.25-in. (2.5 to 3-cm) blooms. Ideal for landscapes and home cut flower gardens. Can be grown with PGRs to make novelty pot plants for Valentine’s and Mother’s Day sales. Good in premium pack, 6-in. (15-cm) pot and gallon programs.

- **Orchid**
- **Pink Magic**
- **Purple**
- **Red**
- **Rose Lace**
- **White Blush**
- **Mix**

**Rose Lace, White Blush, Orchid and Pink Magic.**

**Dash™ F1 Series**
Compact, basal-branched and early-flowering series needs fewer PGRs than others of this type, and makes premium quarts and gallons.

- **Height:** 15 to 20 in. (38 to 51 cm)
- **Spread:** 12 to 14 in. (30 to 36 cm)

A PanAmerican Seed product.
Available as Ball Premier Line® seed.
No vernalization needed allows easy year-round, low-energy production. Long, strong, straight stems hold bright, fragrant blooms. Long-lasting at retail, and well-suited to planters and landscapes with no staking needed.

- **Crimson**
- **Magician**
- **Pink**
- **Violet**
- **White**
- **Mix**

May contain most or all colors in the series.

**Diabunda F1 Series**
Height: 6 to 8 in. (15 to 20 cm)
Spread: 8 to 12 in. (20 to 30 cm)
Available as Ball Premier Line® seed.
Full, well-branched, large-flowered annuals are uniform for habit, flower form and timing across the series for easy production. Flowers faster than traditional D. barbatus varieties for early Spring sales, as well as Winter sales in temperate areas. Good for both large and small pot programs.

- **Pink Pearl**
- **Purple**
- **Purple Picotee**
- **Red**
- **Red Picotee**
- **Rose**
- **Mix**

May contain most or all colors in the series.

**DIANTHUS**

**D. BARBATUS INTERSPECIFIC SINGLE-FLOWERED TYPE**

**Amazon™ F1 Series**
Also see page 199.

- **Height:** 18 to 24 in. (46 to 61 cm); finishes at 36 in. (91 cm) tall as a Winter greenhouse-grown crop
- **Spread:** 10 to 12 in. (25 to 30 cm)

A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Free 11x7-in. (28x18-cm) Benchcard
Free 19x38-in. (48x97-cm) Poster
6-in. (15-cm) pot & tags from your preferred suppliers.

**Amazon Rose Magic Dianthus**
**Amazon Neon Cherry Dianthus**

**Crop Time:** Packs, 15 to 16 weeks

**D. BARBATUS INTERSPECIFIC DOUBLE-FLOWERED TYPE**

**Jolt™ Series**
The most heat-tolerant Interspecific Dianthus delivers Shocking Summer Color™.

- **Height:** 16 to 20 in. (41 to 51 cm)
- **Spread:** 12 to 14 in. (30 to 36 cm)

A PanAmerican Seed product.
Grower-friendly, well-branched plants are easy to produce with fewer to no PGRs. Ideal for Summer premium quart and gallon containers to command a higher price point. Performs as a semi-hardy annual in Zone 7 and milder. Strong dark green foliage.

- **Cherry**
- **Pink All-America Selections National Winner.**
- **Pink Magic Flowers open white, then light pink, and mature to dark pink; optimal color pattern results from high light and cool night temperatures.**

**Jolt Cherry**
**Jolt Pink**

**D. BARBATUS**

**Dash™ F1 Series**
Compact, basal-branched and early-flowering series needs fewer PGRs than others of this type, and makes premium quarts and gallons.

- **Height:** 15 to 20 in. (38 to 51 cm)
- **Spread:** 12 to 14 in. (30 to 36 cm)

A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Ideal for landscapes and home cut flower gardens. Can be grown with PGRs to make novelty pot plants for Valentine’s and Mother’s Day sales. Good in premium pack, 6-in. (15-cm) pot and gallon programs.

- **Crimson**
- **Magician**
- **Pink**
- **Violet**
- **White**
- **Mix**

May contain most or all colors in the series.
DIANTHUS BARBATUS continued

**Sweet™ F1 Series**
Height: 18 to 36 in. (46 to 91 cm)
Spread: 10 to 12 in. (25 to 30 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
The first professional cut flower series offered in separate colors, with high-yielding plants that are very uniform for height and flowering time. No vernalization needed for first year-flowering. Excellent garden performer, with long-lasting, very fragrant blooms on vigorous, frost and heat-tolerant plants.
- Black Cherry
- Coral
- Deep Pink Maxine
- Magenta Bicolor
- Pink
- Pink Magic
- Purple
- Purple White Bicolor
- Red
- Scarlet 3 to 5 days later to flower than others in the series.
- White
- Mix May contain most or all colors in the series.

**D. CHINENSIS**

**Coronet™ F1 Series**
Height: 8 to 10 in. (20 to 25 cm)
Spread: 8 to 10 in. (20 to 25 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.

Biggest blooms of any dianthus of this type! Exceptional flower form and a palette of showstopping color choices. Add a regal touch to cool-season landscapes, gardens and patio planters. Formerly known as Corona™ Series.
- Cherry Red Solid cherry color; some flowers show a darker red center.
- Rose Solid rose color; some blooms show a darker center.
- Strawberry Variable pattern in coral/salmon shades. Some flowers are solid coral, some are coral bicolor, some have a darker coral picotee against a lighter background.
- White Clean, clear white.
- Mix Contains all colors in the series.

**Diana F1 Series**
Height: 8 to 10 in. (20 to 25 cm)
Spread: 8 in. (20 cm)
Available as Ball Premier Line® seed.
Early, compact series offers an unmatched color range for pack/pot programs. Produces many large, single flowers on low-growing plants.
- Blueberry
- New Crimson Improved Offers an improved habit and a larger flower.
- Crimson Picotee
- Lavender Picotee
- Loving White Blushing white flowers with a magenta-crimson center.
- Pink
- Rose Shades
- Salmon
- Scarlet
- Scarlet Picotee
- White
- White Purple Eye
- New White Red Eye Improved Offers an improved habit and a larger flower.
- Formula Mix
- Lavandina Mix White, Blueberry and Lavender Picotee
- Picotee Mix Scarlet Picotee, Crimson Picotee and Lavender Picotee.
- Select Mix Most uniform colors in the series; Scarlet, Blueberry, White and Crimson.

**Super Parfait Series**
Height: 6 to 8 in. (15 to 20 cm)
Spread: 8 to 10 in. (20 to 25 cm)
Available as Ball Premier Line® seed.
Vigorous, large-flowered series is extremely early to flower. Compact and basal-branching plants are best-suited to pack and 4-in. (10-cm) programs.
- Raspberry
- Red Peppermint
- Strawberry
- Mix May contain most or all colors in the series.

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
**Venti Parfait Series**

Height: 8 to 10 in. (20 to 25 cm)

Spread: 8 to 10 in. (20 to 25 cm)

Available as Ball Premier Line® seed.

Big, 2-in. (5-cm), “ruffled” blooms offer huge retail appeal! Performs just like companion Super Parfait. Ideal for small containers, color bowls and garden beds.

- **New Blueberry Eye**
- **Crimson**
- **Crimson Eye Stable bicolor.**
- **New Strawberry Shades**

**Diamond Mix**

**Floral Lace™ Series**

The largest flowers of any *D. chinensis x barbatus* series.

Height: 8 to 10 in. (20 to 25 cm)

Spread: 8 in. (20 cm)

Available as Ball Premier Line® seed.

Early flowering with the largest blooms of any *D. chinensis x barbatus* – up to 1.5 in. (4 cm) across. Performs well in gardens under tough conditions as an annual or biennial. Good for high-density Spring and Fall pack/small pot programs.

- **Cherry**
- **Crimson**
- **Lilac**
- **Picotee**
- **Purple**
- **Red**
- **True Rose**
- **Violet Picotee**
- **White**
- **Hearts of Fire**
- **Red and white solids and picotees.**
- **Merlot Mix**
- **Mix May contain most or all colors in the series.**

**Ideal Select™ Series**

Height: 8 to 10 in. (20 to 25 cm)

Spread: 8 in. (20 cm)

A PanAmerican Seed product.

Available as Ball Premier Line® seed.

Offers top-performing varieties with a well-matched habit and tight flowering window. Early, compact plants produce brightly colored, lacy-edge blooms in vibrant colors. Well-suited to high-density pack and small pot programs for Spring and Fall sales.

- **Raspberry**
- **Red**
- **Rose**
- **Violet All-America Selections Classic variety.**
- **White**
- **WhiteFire**
- **Formula Mix**

**Telstar Series**

Height: 8 to 10 in. (20 to 25 cm)

Spread: 9 in. (23 cm)

Available as Ball Premier Line® seed.

Solid performers offer an abundance of 1.3-in. (3.3-cm) flowers and good heat tolerance.

- **Burgundy**
- **Carmine Rose**
- **Crimson**
- **Picotee**
- **Pink**
- **Purple**
- **Purple Picotee**
- **Salmon**
- **Scarlet**
- **White**
- **Mix May contain most or all colors in the series.**
DICHONDRA

D. ARGENTEA

Silver Falls
Height: 2 to 3 in. (5 to 8 cm) in the ground
Spread: 3 to 4 ft. (91 cm to 1.2 m); up to 6 ft. (1.8 m) in areas with a longer growing season
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Very drought and heat-tolerant, silver-stemmed foliage plant with true cascading habit for baskets and mixed containers. Performs as a low-growing groundcover, but needs well-drained soil for best performance. Covered with very small, rounded silver leaves. Branches well without pinching.

D. REPENS

Emerald Falls
Height: 2 to 4 in. (5 to 10 cm) in the ground
Spread: 3 ft. (91 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Rounded green leaves, heat tolerance and a dense, cascading habit make this an excellent choice for mixed containers and baskets. Also performs well as a low-growing groundcover, and as an indoor lifestyle plant. Creates a denser, tighter and shorter plant than Silver Falls, without pinching or PGRs. Easy to grow – branches heavily early to completely cover the pot before branches can tangle.

DOLICHOS

D. lablab (Hyacinth Bean)
Crop Time: 6-in. (15-cm) pots, 12 to 14 weeks, 3 pph with support
Ruby Moon
Vining length: 10 to 20 ft. (3 to 6 m)
Showy, heat-tolerant and fast-growing climber has purple foliage, flowers and pods; blooms July to October. Good pot plant and interesting cut flower. Pods are edible and can be used in Asian, Thai and Indian dishes.

DORONICUM

See Perennials.

DRACAENA SPIKE

Cordyline indivisa
Crop Time: 4 to 5-in. (10 to 13-cm) pots, 15 months
C. indivisa
Height: 24 in. (61 cm)
Spread: 28 to 36 in. (71 to 91 cm)
Cleaned, hulled seed produces medium green spikes.

DUSTY MILLER

See Perennials and Cut Flowers.

ERNIUM

See Perennials and Cut Flowers.

NEW

CINERARIA MARITIMA CANDICANS

New C. maritima candicans
Height: 30 in. (76 cm)
Spread: 30 in. (76 cm)
Available as Ball Premier Line® seed.
The young leaves are slightly lobed, but as the plants mature, they become deeply cut, much paler in color and are covered in a silvery gray fleece.

ECHINACEA

See Perennials.

ERYNGIUM

See Perennials and Cut Flowers.
**Erysimum**

**Crop Time:** Packs, 10 to 12 weeks

**E. CHERI**

**Charity Mix**

- **Height:** 8 to 12 in. (20 to 30 cm)
- **Spread:** 6 to 10 in. (15 to 25 cm)

Well-branched, dark green-leaved plants begin to bloom at 4 in. (10 cm). Use in containers, landscapes. Cool crop for Spring and Fall sales. Does not require vernalization to bloom.

**Sugar Rush F₁ Series**

The first dual-purpose hardy F₁ wallflower adds Fall color to borders and planters; it can rewinter and flower abundantly the following Spring.

- **Height:** 14 to 16 in. (36 to 41 cm)
- **Spread:** 12 in. (30 cm)

Branching better than traditional O.P. types, Sugar Rush produces one central spike surrounded by 4 to 5 side branches. Suited to 3.5 to 5-in. (9 to 13-cm) programs.
  - Orange
  - Primrose
  - Purple Bicolor
  - Red
  - Yellow
  - Mix May contain most or all colors in the series.

**E. SPECIES**

**Citrona® Series**

- **Height:** 10 to 12 in. (25 to 30 cm)
- **Spread:** 10 to 12 in. (25 to 30 cm)

Floriferous, well-branched plants display bright, scented blooms in Spring and Fall landscapes and mixed containers. Suited to premium packs, 4-in. (10-cm) pots and gallons. No vernalization needed.
  - Orange US PVP 200600167
  - Yellow US PVP 200600168

**Equisetum**

**Crop Time:** Packs, 18 to 21 weeks

**Chiffon Mix**

- **Height:** 8 in. (20 cm)
- **Spread:** 8 in. (20 cm)

Large, semi-double and double flowers in assorted pastel shades. Excellent for early Spring sales.

**Twister**

- **Height:** 8 to 10 in. (20 to 25 cm)
- **Spread:** 8 in. (20 cm)

Wavy swirls of semi-double and double flowers in a beautiful range of pastel shades, including orange, yellow, cream and pink.

**Eucalyptus**

See Cut Flowers.

**F₁ Euphorbia**

**Glamour**

- **Height:** 15 to 24 in. (38 to 61 cm)
- **Spread:** 15 to 24 in. (38 to 61 cm)

A PanAmerican Seed product. The best variety for in-ground performance; early to flower, with a vigor that holds up to a variety of weather challenges.

**Glitz**

“Plays well with others” in premium mixed containers.

- **Height:** 10 to 14 in. (25 to 36 cm)
- **Spread:** 12 to 18 in. (30 to 45 cm)

A PanAmerican Seed product. This seed opportunity is readily available and lets growers produce a top-quality plant with no pinching needed. Medium vigor, good branching and more open architecture than other varieties. Also makes a nice mono planter.

**Eustoma**

See Potted Plants and Cut Flowers (Lisianthus).

**Festuca**

See Grasses.

**Fiber optic Grass**

See Grasses (Isolepis).
FLOWERING KALE
Also see Cut Flowers and Vegetables (Kale).
Brassica oleracea
Crop Time: Packs, 10 to 13 weeks

ROUND-LEAF TYPE
Osaka Series
Height: 6 to 12 in. (15 to 30 cm)
Spread: 12 to 18 in. (30 to 36 cm)
Tight, compact heads of semi-waved leaves.
• Pink
• Red
• White
• Mix May contain most or all colors in the series.

Pigeon Series
Height: 8 to 12 in. (20 to 30 cm)
Spread: 12 to 14 in. (30 to 36 cm)
Compact, small-leaved series for 4-in. (10-cm) pot production.
• Purple
• Red
• Victoria Pink
• White
• Mix May contain most or all colors in the series

Songbird Series
Height: 8 to 12 in. (20 to 30 cm)
Spread: 12 to 14 in. (30 to 36 cm)
Produces more upright plants than Pigeon, which allows for better moisture drainage and less chance of disease. Works well in 4-in. (10-cm) to gallon containers.
• Pink
• Red
• White
• Mix May contain most or all colors in the series.

FEATHER-LEAF TYPE
Peacock Series
Height: 8 to 12 in. (20 to 30 cm)
Spread: 12 to 14 in. (30 to 36 cm)
Deeply serrated, feathery foliage highlights the somewhat open, dwarf series.
• Red
• White

WAVY-LEAF TYPE
Nagoya Series
Height: 10 to 12 in. (25 to 30 cm)
Spread: 15 to 18 in. (38 to 46 cm)
Heavily fringed, very uniform leaves.
• Red
• Rose
• White
• Mix May contain most or all colors in the series.

Glamour Red F1
Height: 8 to 10 in. (20 to 25 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Produces unique shiny, waxless leaves that give it a more intense, vivid color than other varieties and make it a real standout in gardens, landscapes and planters. The flirty, rosy-red inner leaves are surrounded by dark green leaves for an eye-catching “bullseye” look in Spring, Fall and even Winter in mild climates. Exhibits good disease tolerance in all regions of the country. All-America Selections National Winner.

Kamome Series
Height: 8 to 12 in. (20 to 30 cm)
Spread: 12 to 14 in. (30 to 36 cm)
Early-to-color, dwarf plants have fringed leaves with finely ruffled edges.
• Pink
• Red
• White

Yokohama Series
Height: 5 to 7 in. (13 to 18 cm)
Spread: 8 in. (20 cm)
Unique, extra-curly fringed leaves make Yokohama a real standout in large and small mixed containers. Slow to bolt for longer and stronger performance, plus improved cold tolerance. Works well in packs and 4 to 8-in. (10 to 20-cm) pots.
• Red
• White
• Mix May contain most or all colors in the series.

Ball Seed is working hard to make sure the seed you receive has been tested for seedborne diseases. All Kale, Flowering Kale, Pepper, Ornamental Pepper and Tomato seed is tested according to the International Seed Health Initiative (ISHI) guidelines.
GAZANIA
Crop Time: Packs, 11 weeks

G. RIGENS
Enorma Mix
Height: 8 to 10 in. (20 to 25 cm)
Spread: 8 to 10 in. (20 to 25 cm)
Mid-size plants are topped by large flowers over glossy, dark green foliage. More disease resistant than fuzzy-leafed types in humid climates because the foliage does not trap water. Excellent performance across the U.S., including warm-climate Winter landscapes.

New Day® F1 Series
delivers a more compact and bulkier plant with bigger flowers on shorter peduncles.
Height: 8 to 10 in. (20 to 25 cm)
Spread: 6 to 8 in. (15 to 20 cm)
A PanAmerican Seed product. Available as Ball Premier Line® seed. New Day is easier to produce for growers, and offers better holdability at retail. Landscapers and consumers will appreciate this drought-tolerant series for its excellent performance in landscapes, containers and baskets. Well-suited to high-density pack and small pot programs.
• Bronze Shades
• Clear Orange
• Pink Shades
• Red Shades
• Red Stripe
• Rose Stripe
• White
• Yellow
• Bright Mix Bronze Shades, Yellow, Clear Orange and Pink Shades.
• Mix May contain most or all colors in the series.
• Tiger Mix Red Stripe and Rose Stripe.
**G. SPLENDENS**

**Big Kiss F1 Series**
Height: 10 to 12 in. (25 to 30 cm)
Spread: 8 to 10 in. (20 to 25 cm)
Larger version of the Kiss series features bigger blooms and plant habits. Beautiful striped, 4.5-in. (11-cm) blooms on strong stems top full, bushy plants that fill in containers quickly.
- Orange
- Red
- White
- White Flame
- Yellow
- Yellow Flame
- Mix May contain most or all colors in the series.

**Kiss F1 Series**
Height: 8 to 10 in. (20 to 25 cm)
Spread: 8 to 10 in. (20 to 25 cm)
Vigorous, uniformly mounded plants show off many flowers on short stems. Growth regulators are not needed to maintain the controlled habit of the plants.
- Frosty Orange Flame
- Frosty Red
- Frosty White
- Frosty White Flame
- Frosty Yellow
- Orange
- Orange Flame
- Rose
- White
- Yellow
- Yellow Flame
- Flame Mix
- Frosty Flame Mix
- Frosty Mix
- Mix May contain most or all colors in the series.

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**Better Yields with Quality Seed**

The Ball Premier Lab provides growers with seed inputs they can rely on to increase yields through decreased labor, higher production efficiency using automated technology, and reduced shipping and storage issues from higher-quality seed.

The lab revolutionized the seed industry with the development of advanced testing and technology. From Ball's original high-energy seed forms to the development of seed-testing protocols that have eliminated under-performing lots for growers, to the Ball Vigor Index that sets a germination standard, plus superior seed coating and pelleting techniques, the lab has set the bar for premium seed.

& MORE

AZANIA
Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
Horizon Series

Needs fewer PGRs than similar varieties to produce a great-looking plant with 360° branching.

Height: 12 to 16 in. (30 to 41 cm)
Spread: 16 in. (41 cm)

A Ball Ingenuity product, available exclusively through Ball Seed.

Large, 4-in. (10-cm) flower heads are held neatly above the small, tidy foliage on strong stems. Excellent garden performer. 13 to 15 weeks.

- Appleblossom
- Coral Spice
- Deep Red
- Deep Salmon
- Lavender
- Neon Rose
- New Star
- Orange
- Red
- Rose
- Scarlet
- Violet
- White

F₁ GERANIUM  
Pelargonium x hortorum

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
BullsEye Series

Height: 13 to 15 in. (33 to 38 cm)
Spread: 11 to 13 in. (28 to 33 cm)

Unique dark center zoning edged in light green is stable under all light conditions, creating a beautiful contrast to the large, 4 to 5-in. (10 to 13-cm) flower heads on multiple stems. A season-long performer in gardens, landscapes and mixed containers. 13 to 14 weeks.

- Cherry
- Light Pink
- Red
- Salmon
- Scarlet
- Mix

Maverick Series

Height: 14 to 16 in. (36 to 41 cm)
Spread: 14 to 18 in. (36 to 46 cm)

Excellent garden performers with 4 to 5-in. (10 to 13-cm) flower heads. 13 to 14 weeks.

- Appleblossom
- Coral
- Orange
- Pink
- Quicksilver
- Light pink.
- Red
- Rose
- Salmon
- Scarlet
- Scarlet Picotee
- Star
- Blush pink edging with rose eyes.
- Violet
- Violet Picotee
- White

Multibloom Series

Height: 10 to 12 in. (25 to 30 cm)
Spread: 10 to 12 in. (25 to 30 cm)

Compact plants with 3-in. (8-cm) flowers. 13 weeks.

- Capri Coral-rose.
- Lavender
- Pink
- Red
- Salmon
- Violet
- White

Pinto Premium Series

Height: 13 to 15 in. (33 to 38 cm)
Spread: 12 to 14 in. (30 to 36 cm)

Bright, best-selling geranium colors combine improved earliness with more uniform flowering to give growers a great choice for bench-run Jumbo pack and 4-in. (10-cm) pot programs. Better branching and shorter stems assure easier shipping, while less stretch contributes to better shelf life. Vigorous, very free-flowering plants work well in gardens and landscapes. 12 to 14 weeks.

- Coral
- Deep Red
- New Deep Rose Improved Deeper color with more uniform early flowering.
- Deep Scarlet
- Lavender
- Lavender Rose
- Orange
- Orange Bicolor
- Rose Bicolor
- Salmon
- Salmon Splash
- Violet
- White
- White to Rose

All-America Selections

National Winner.
Quantum Series
Height: 12 to 16 in. (30 to 41 cm)
Spread: 12 to 16 in. (30 to 41 cm)
All-new series delivers outstanding heat tolerance and long flowering in regions with high temperatures. Attractive, 4 to 5-in. (10 to 13-cm), star-shaped flowers are less prone to shattering, giving a longer color display over the eye-catching serrated foliage.
• Red
• Mix May contain most or all colors in the series.

Ringo 2000 Series
Height: 12 to 14 in. (30 to 36 cm)
Spread: 6 to 8 in. (15 to 20 cm)
Compact plants with 3 to 4-in. (8 to 10-cm) flower heads. 14 weeks.
• Cardinal
• Deep Red
• Deep Rose
• Deep Scarlet
• Lavender
• Pink
• Rose Star
• Salmon
• Scarlet Star
• Violet
• White

Ivy-Leaf Geranium
Pelargonium x peltatum
Reach Out Series
Height: 6 to 8 in. (15 to 20 cm)
Spread: 10 to 14 in. (25 to 36 cm)
Early to flower and easier to produce than competing varieties due to its compact habit and short internodes. A full canopy of flowers covers the plant; it does not get 'tangled up' in production like other varieties. Superb landscape, container and basket performance.
• Hot Pink
• Light Purple
• Lilac Bicolor
• Pink
• Red
• White
• Formula Mix May contain most or all colors in the series.

Tornado Series
Height: 8 to 10 in. (20 to 25 cm)
Spread: 8 to 12 in. (20 to 30 cm)
Early, 3 to 4-in. (8 to 10-cm) clusters of crimson-veined, single florets. Citrus-scented leaves. Baskets, 14 to 16 weeks.
• Bicolor Duet 50:50 mix of rose bicolor and lilac bicolor blooms.
• Carmine
• Fuchsia
• Lilac
• Pink
• Red
• Rose
• White
• Mix May contain most or all colors in the series.
GOMPHRENA continued

**Gnome Series**

*Height:* 6 in. (15 cm)  
*Spread:* 14 in. (36 cm)

This dwarf series is more uniform in height than Buddy.  
- **Pink**  
- **Purple**  
- **White**  
- **Mix** May contain most or all colors in the series.

**Las Vegas Series**

*Height:* 16 to 20 in. (41 to 51 cm)

Brightly colored blooms and great heat and drought tolerance make these easy-care plants real standouts in beds and containers. Taller than standard bedding types; well-suited to 4.5-in. (11-cm) and larger pots.  
- **Pink**  
- **Purple**  
- **White**  
- **Mix** May contain most or all colors in the series.

**Ping Pong Series**

*Height:* 16 to 20 in. (41 to 51 cm)  
*Spread:* 8 to 10 in. (20 to 25 cm)

Ping Pong bursts with color in containers and mass plantings! Its height and dimension also make it a great garden cut flower. Easy to produce on the bench, drought tolerant and low maintenance for consumers.  
- **Lavender**  
- **New Purple Improved** More compact habit to match the series and a stronger stem.  
- **White**  
- **Mix** May contain most or all colors in the series.

**G. HAAGEANA**

**QIS Series** See Cut Flowers, page 201.

**Strawberry Fields**

*Height:* 18 to 24 in. (46 to 61 cm)  
*Spread:* 12 in. (30 cm)

Free-flowering plants bloom continuously from early Summer into Fall, showing off lots of 1 to 1.5-in. (2.5 to 4-cm), true red flowers. Thrives in warm and hot weather. Makes a nice border or cut flower variety; offers very reliable vase life or can be dried as an everlasting.

**HELENIUM**

*H. amarum*

*Crop Time:* Packs, 8 to 11 weeks; 4 to 6-in. (10 to 15-cm) pots and gallons, 9 to 12 weeks

**Dakota Gold**

*Height:* 12 to 14 in. (30 to 36 cm)  
*Spread:* 24 to 28 in. (61 to 71 cm)

*A PanAmerican Seed product. Available as Ball Premier Line® seed.*

Easy-care, reliable North American native makes a compact, mounded plant with bright golden flowers over fine-textured green leaves. Vigorous plants are good for mass plantings in hot and dry heat to cool and rainy conditions. US PVP 20060009

**HELIANTHUS** See Sunflower. Also see Cut Flowers (Sunflower) and Potted Plants (Sunflower).
HELICHRYSUM
H. microphyllum (Plectostachys serphyllifolia)
Crop Time: 4 to 4.5-in. (10 to 11-cm) pots, 11 to 14 weeks
Silver Mist
Height: 6 to 8 in. (15 to 20 cm)
Spread: 18 to 24 in. (46 to 61 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Finely textured silver foliage and stems make this an excellent choice for mixed containers or bedding, as well as an indoor lifestyle plant. Full, mounded and spreading, Silver Mist branches well without pinching. The silver leaf color intensifies with more light. Good for premium packs and 4 to 6-in. (10 to 15-cm) pots up to gallon containers.

HELIOPSIS See Perennials.

HELIOTROPE
Heliotropium arborescens
Crop Time: Packs, 12 to 13 weeks; 4-in. (10-cm) pots, 13 to 14 weeks
Marine
Height: 10 to 14 in. (25 to 36 cm)
Spread: 12 to 18 in. (30 to 46 cm)
Masses of small, deep blue flowers form 4-in. (10-cm) heads.

HEUCHERA See Perennials.

HIBISCUS Also see Perennials.
H. acetosella
Mahogany Splendor
Height: 3 to 5 ft. (91 cm to 1.5 m)
Spread: 24 to 30 in. (61 to 76 cm)
A PanAmerican Seed product.
Attractive accent plant features deep burgundy, maple-shaped leaves with serrated edges that are similar to a Japanese Maple. Ideal for landscapes, this drought and heat-resistant variety also makes a great “thriller” in mixed containers with other sun-loving plants. Deer resistant; can be grown directly in the water as a pond plant.
NOTE: Foliage will have green/rust tones in the greenhouse, but matures to burgundy in full sun outdoors.

HIBISCUS
H. sanguinolenta
Confetti Compact Mix Hypoestes
Crop Time: Packs, 12 to 16 weeks
Height: 4 to 8 in. (10 to 20 cm)
Spread: 4 to 6 in. (10 to 15 cm)
Compact, well-matched plants are ideal for 3 to 4-in. (8 to 10-cm) pot production. A good choice for indoor gift plant programs.
• Pink
• Red
• Rose
• White
• Mix May contain most or all colors in the series.

HOLLYHOCK See Annuals and Perennials (Alcea).

HORDEUM See Grasses.

IBERIS See Perennials.

IMPATIENS I. walleriana
Crop Time: Packs, 7 to 8 weeks
Accent Premium Series
Height: 10 to 12 in. (25 to 30 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Available as Ball Premier Line® seed.
Series combines excellent uniformity in flowering and habit with improved branching. The Accent Premium varieties feature large, high-quality flowers and strong garden vigor on mounded plants – an ideal combination for a bedding impatiens. Fills out containers and garden beds well, and handles environmental stress where more compact types can fail. Good for flats, as well as premium 4-in. (10-cm) and larger pots.
• Bright Eye
• Deep Orange
• Lilac
• Orange Star
• Pink
• Red
• Rose
• Salmon
• Violet
• Violet Star
• White
• Mix May contain most or all colors in the series.
• Pastel Mix Bright Eye, Pink, Rose and White.
• Peppermint Mix Bright Eye, Pink, Red and Rose.

Accent Series
Height: 10 to 12 in. (25 to 30 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Available as Ball Premier Line® seed.
Free-flowering series of basal-branching plants with large, 1.5-in. (4-cm) blooms.
• Burgundy
• Deep Pink
• Red Star
• Rose Star
• Star Mix

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
IMPATIENS continued

**Beacon™ Series**

**Height:** 15 to 20 in. (38 to 51 cm)
**Spread:** 12 to 14 in. (30 to 36 cm)

*A PanAmerican Seed product.*

Available as Ball Premier Line® seed.

This new series exhibits high resistance to the currently known and widely prevalent populations of *Plasmopara obducens*, which cause Impatiens downy mildew. With a plant structure, flowering time, flower size and crop culture that is similar to Super Elfin, Beacon is easy to incorporate into production planning and offers fast-filling, season-long color for the shade.

- **Bright Red** US PAF; US 10,285,362; CA PAF; EU PAF; PCT
- **Coral** US PAF; US 10,285,362; CA PAF; EU PAF; PCT
- **Orange** US PAF; US 10,285,362; CA PAF; EU PAF; PCT
- **New Rose** US PAF; US 10,285,362; CA PAF; EU PAF; PCT
- **Salmon** US PAF; US 10,285,362; CA PAF; EU PAF; PCT
- **Violet Shades** US PAF; US 10,285,362; CA PAF; EU PAF; PCT
- **White** US PAF; US 10,285,362; CA PAF; EU PAF; PCT
- **Red White Mix** Bright Red and White. US PAF; US 10,285,362; CA PAF; EU PAF; PCT
- **Select Mix** Contains all colors in the series. US PAF; US 10,285,362; CA PAF; EU PAF; PCT

**Beacon Coral (R) outperforms a susceptible competing variety (L) in a side-by-side field trial in Venhuizen, the Netherlands in Summer 2018.**

**Shine the light on Beacon Impatiens with eye-catching marketing tools.**

**FREE 19x38-in. (48x97-cm) Poster**

**FREE 11x7-in. (28x18-cm) Benchcard**

**Pack Handle**

**Tags and pack handles from your preferred supplier.**
Beacon Bright Red  Beacon Coral  Beacon Orange  Beacon Red White Mix
Beacon Salmon  Beacon Violet Shades  Beacon white  Beacon Select Mix

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
IMPATIENS continued

**Dazzler® Series**
- Landscapers appreciate this series for its quick fill and manageable vigor.
- **Height:** 9 to 11 in. (23 to 28 cm)
- **Spread:** 13 to 15 in. (33 to 38 cm)

*A Ball Ingenuity product, available exclusively through Ball Seed.*

**Available as Ball Premier Line® seed.**
- Dazzler makes an extremely uniform plant that is covered with masses of 1.5-in. (4-cm) blooms on rich green foliage. Well-matched across the series, all the colors come into bloom together and flower freely right up until frost. Dazzler is tremendous in pack, 4-in. (10-cm) pot and basket programs.
  - **Blue Pearl**
  - **Coral**
  - **Cranberry**
  - **Lilac Splash**
  - **Orange**
  - **Pink**
  - **Punch**
  - **Red**
  - **Rose**
  - **Salmon**
  - **Salmon Splash**
  - **“eye” becomes more prominent as blooms mature.**
  - **Scarlet**
  - **Violet**
  - **White**
  - **Baby Shower Mix**
  - **Grower Select Mix** Selected for uniform flowering.
  - **Merlot Mix**
  - **Mix** May contain most or all colors in the series.
  - **Passionfruit Mix**
  - **Voodoo Too Mix**

**Impeza® Series**
- **Height:** 6 to 8 in. (15 to 20 cm)
- **Spread:** 12 to 14 in. (30 to 36 cm)

*A PanAmerican Seed product.*

**Available as Ball Premier Line® seed.**
- Impeza offers a streamlined range of the top-selling colors plus unique patterns in one of the most grower and retailer-friendly impatiens series available. Reduced apical dominance and decreased internode length combine for easy-to-manage plants that provide good soil coverage with less upward stretch, and potentially need fewer PGRs.
  - **Orange**
  - **Orange Star**
  - **Pink**
  - **Purple**
  - **Red**
  - **Red Star**
  - **Rose**
  - **Salmon Shades**
  - **White**
  - **New Hot! Mix** Orange, Red, Salmon Shades and White.
  - **Mix** May contain most or all colors in the series.
  - **New Pastel Mix** Pink, Purple, Rose, Salmon Shades and White.
  - **New ProFormula Mix** Orange, Pink, Purple Violet, Rose, Salmon Shades and White.
  - **New Rosy Mix** Pink, Purple, Rose, Violet and White.
  - **New Tango Mix** Orange, Purple, Red, Rose and Salmon Shades.

**Imara™ XDR Series**
- **Height:** 10 to 12 in. (25 to 30 cm)
- **Spread:** 10 to 12 in. (25 to 30 cm)

*Available as Ball Premier Line® seed.*
- This new series of *Impatiens walleriana* has a high degree of resistance to downy mildew. It also features proven landscape performance that fights back with reliable flowering all season long. Ideal for high-density growing in packs and pots.
  - **Orange**
  - **Orange Star**
  - **Pink**
  - **Purple**
  - **Red**
  - **Red Star**
  - **Rose**
  - **Salmon Shades**
  - **White**
  - **New Hot! Mix** Orange, Red, Salmon Shades and White.
  - **Mix** May contain most or all colors in the series.
  - **New Pastel Mix** Pink, Purple, Rose, Salmon Shades and White.
  - **New ProFormula Mix** Orange, Pink, Purple Violet, Rose, Salmon Shades and White.
  - **New Rosy Mix** Pink, Purple, Rose, Violet and White.
  - **New Tango Mix** Orange, Purple, Red, Rose and Salmon Shades.

**NEW Imara XDR ProFormula Mix**
- **NEW Imara XDR Rosy Mix**
- **NEW Imara XDR Tango Mix**

All colors finish in a tight, 5 to 7-day window for efficient shipping. Impeza delivers the longest shelf life of any impatiens to extend sales and reduce dump. Garden fill is very good, and plants stay full and good-looking all season with less lodging.
  - **Blue Pearl**
  - **Cherry Splash**
  - **Pink**
  - **Punch**
  - **“eye” becomes more prominent as blooms mature.**
  - **Salmon**
  - **Violet**
  - **White**
  - **Passion Mix**
  - **Select Mix** May contain most or all colors in the series.
  - **Wedgewood Mix**

**NEW Imara XDR Pastel Mix**
- **NEW Imara XDR ProFormula Mix**
- **NEW Imara XDR Rosy Mix**
- **NEW Imara XDR Tango Mix**

Garden fill is very good, and plants stay full and good-looking all season with less lodging.
Super Elfin® Series
Super Elfin XP colors are extremely well-matched to deliver the best uniformity of any impatiens on the market.

Height: 8 to 10 in. (20 to 25 cm)
Spread: 12 to 14 in. (30 to 36 cm)

Available as Ball Premier Line® seed.
Super-easy to program and produce, XP varieties have a 5 to 7-day bloom window; exceptionally uniform habit and plant vigor; consistency of early flowering; and bigger blooms than the competition. Super Elfin XP offers a broad range of the core, top-selling colors plus unique novelties. Both the Super Elfin XP and standard colors continue to deliver abundant and early blooms; compact, basal-branching habit; and superior holding in packs.

Super Elfin XP varieties:
- XP Blue Pearl
- XP Coral
- XP Lilac
- XP Pink
- XP Punch
- XP Red
- XP Red Starburst US 5,986,188
- XP Rose
- XP Salmon
- XP Salmon Splash
- XP Scarlet
- XP Violet
- XP Violet Starburst US 5,986,188
- XP White
- XP Clear Mix
- XP Formula Mix
- XP Hot Mix XP Scarlet, XP Red, XP Violet and XP Punch.

Super Elfin Standard varieties:
- Bright Orange
- Lipstick
- Ruby
- Mix May contain most or all colors in the series.
- Paradise Mix

Florific Series
Uniform, large-flowered series can be grown cool with no pinching and fewer PGRs.

Height: 8 to 10 in. (20 to 25 cm)
Spread: 12 to 14 in. (30 to 36 cm)

Well-branched, fast-finish plants produce a compact, top-quality crop in high-density packs and 4-in. (10-cm) pots. Strong tolerance to Impatiens downy mildew.

- Lavender
- Sweet Orange
- Unique salmon and orange bicolor blooms over bronze-green foliage. All-America Selections National Winner.
- Red
- Violet
- White
- Mix May contain most or all colors in the series.
IMPATIENS continued

Divine™ Series
More colors in a disease-resistant impatiens.
Height: 10 to 14 in. (25 to 36 cm)
Spread: 12 to 14 in. (30 to 36 cm)
A PanAmerican Seed product.
Divine is highly resistant to Impatiens downy mildew and plants establish in the landscape quickly for the best early-season color. The expanded range of colors lets growers produce designer mixes for the landscaper market. Fitting right in with mechanical sowing and transplanting programs, Divine delivers fast turns and high-density production in 306 premium packs, 4.5-in. (11-cm) pots, baskets and mixed combinations. Compact and uniform, with great branching that produces masses of flowers all season. Foliage ranges from green to bronze-green. Backed by 25+ years of PanAmerican Seed breeding.
• Blue Pearl
• Lavender
• Lipstick
• Orange
• Orchid
• Red
• Violet
• White
• Mix
• Mystic Mix Lavender, Violet and White.
• Salsa Mix

• Voodoo Mix A Ball Ingenuity product, available exclusively through Ball Seed.
Orange and Violet.

Check out the “Growing Divine” growing tips (available 24/7) to see just how simple your production will be.
Go to panamseed.com/growingdivine

IPOMOEA See Morning Glory.

IRESINE

I. herbstii
Crop Time: 4-in. (10-cm) pots, 9 to 11 weeks
Purple Lady
Height: 6 to 8 in. (15 to 20 cm)
Spread: 3 to 4 ft. (91 cm to 1.2 m)
A PanAmerican Seed product.
This stunning dark purple-leafed accent plant has a low, spreading habit that fills containers and baskets nicely, cascading over the edges as the branches get longer and heavier. Also makes a nice groundcover. Ideal for partial sun; can withstand full sun in humid areas like Florida.

ISOLEPIS (FIBER OPTIC GRASS)
See Grasses.

ISOTOMA (LAURENTIA)

I. hybrida
Gemini F1 Series
Height: 8 in. (20 cm)
Spread: 10 to 14 in. (25 to 36 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
F1 series is very vigorous and free-flowing for excellent garden performance. The easy-to-grow plants are well-matched for earliness and uniformity. Versatile — use in beds or stays nicely controlled in containers.
• Blue
• Pink
JUNCUS  See Grasses.

KALE  See Flowering Kale, page 45. Also see Vegetables.

KNIPHOFIA  See Perennials.

KOELERIA  See Grasses.

LAGURUS  See Grasses.

LARKSPUR  See Perennials (Delphinium) and Cut Flowers.

LAURENTIA  See Isotoma.

LAVENDER  See Perennials.

LEUCANTHEMUM  See Chrysanthemum. Also see Perennials.

LEWISIA  See Perennials.

LIMONIUM  See Cut Flowers.

LINARIA  

L. HYBRIDA  
Crop Time: Premium packs and pots, 9 to 11 weeks

Enchantment F1  
Height: 14 to 16 in. (36 to 41 cm)  
Spread: 12 to 14 in. (30 to 36 cm)  
A PanAmerican Seed product. Available as Ball Premier Line® seed. An excellent cool crop for Spring and Fall, the upright, well-branched plants are topped with very fragrant blooms of intense magenta with gold “bee.” Ideal for premium pack and 4-in. (10-cm) programs for use in bedding and mixed containers.

L. MAROCCANA  
Crop Time: Packs, 7 to 8.5 weeks

Fantasy Series  
Height: 6 to 8 in. (15 to 20 cm)  
Spread: 10 in. (25 cm)  
Available as Ball Premier Line® seed. A PanAmerican Seed product. A vigorous, cascading series flowers profusely in a wide range of colors, blooming up to 4 weeks earlier than other trailing varieties. Ideal for baskets, large containers and color bowls.  
• Blue Splash  
• Lilac  
• Marine Blue  
• Midnight Blue  
• Rose  
• Sapphire  
• Sky Blue  
• White  
• Mix May contain most or all colors in the series.

Fantasista Series  
Height: 4 to 6 in. (10 to 15 cm)  
Spread: 4 to 6 in. (10 to 15 cm)  
Series features early-season flowering and it will take a light frost. It is a great companion plant for primula in late Winter/early Spring. Works well in mixed containers or as a standalone.  
• Blue  
• Pink  
• Rose  
• White  
• Yellow  
• Mix May contain most or all the colors in the series.

LISIANTHUS  See Potted Plants and Cut Flowers.

LOBELIA  Also see Perennials.  
L. erinus  
Crop Time: Packs, 13 to 15 weeks  
Note: White-flowering lobelias show 4 to 7% blue off-types.

UPRIGHT LOBELIA – EARLY TYPES

Riviera Series  
Height: 5 in. (13 cm)  
Spread: 8 in. (20 cm)  
A PanAmerican Seed product. Available as Ball Premier Line® seed. Dwarf, vigorous series blooms very early and profusely. Plants keep their compact, mounded habit, making them ideal for gardens, color bowls and containers.  
• Blue Eyes  
• Blue Splash  
• Lilac  
• Marine Blue  
• Midnight Blue  
• Rose  
• Sky Blue  
• White  
• Mix May contain most or all colors in the series.

UPRIGHT LOBELIA – LATE TYPES

Crystal Palace  
Height: 5 in. (13 cm)  
Spread: 6 to 8 in. (15 to 20 cm)  
A PanAmerican Seed product. Available as Ball Premier Line® seed. Dark blue flowers contrast nicely with lightly bronzed foliage.

TRAILING LOBELIA  
Regatta Series  
Height: 6 to 8 in. (15 to 20 cm)  
Spread: 10 to 12 in. (25 to 30 cm)  
A PanAmerican Seed product. Available as Ball Premier Line® seed. Vigorous, cascading series flowers profusely in a wide range of colors, blooming up to 4 weeks earlier than other trailing varieties. Ideal for baskets, large containers and color bowls.  
• Blue Splash  
• Lilac  
• Marine Blue  
• Midnight Blue  
• Rose  
• Sapphire  
• Sky Blue  
• White  
• Mix May contain most or all colors in the series.

LOBULARIA  See Alyssum.

LUPINUS  See Perennials.

LUZULA  See Grasses.
AFRICAN MARIGOLD
Tagetes erecta

Antigua Series F1
Height: 10 to 12 in. (25 to 30 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Available as Ball Premier Line® Ball Controlled Growth®, de-tailed and coated seed.
Dwarf type is early and uniformly flowering, with 3-in. (8-cm) blooms. 11 to 12 weeks.
• Gold
• Orange
• Primrose
• Yellow
• Mix
May contain most or all colors in the series.

Bali Series
This tall, garden-performing marigold is available in great supply.
Height: 24 to 32 in. (61 to 81 cm)
Spread: 14 to 16 in. (36 to 41 cm)
Available as Ball Premier Line® seed.
For several years, it’s been hard to get your hands on a tall marigold that could stand up to Summer-long garden demands. Bred under hot and humid conditions and proven through repeated trialing, Bali is your answer! This high-yielding, disease-tolerant series delivers very firm, ball-shaped flowers – up to 5 in. (13 cm) each – that stand up to shipping. Strongly branched plant is perfect for bedding use – Bali will not fall over under rainy conditions. Also works well as a cut flower. 12 to 13 weeks.
• Gold
• Orange
• Yellow
• Mix
May contain most or all colors in the series.

Big Duck Series
Height: 12 to 16 in. (30 to 40 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Available as Ball Premier Line® seed.
Natural, semi-dwarf, heat-tolerant series with huge double flowers is beautiful on as a single variety or grouped in large pots, beds and landscapes, offering a spectacular “carpet-like” view.
• Gold
• Orange
• Yellow
• Mix
May contain most or all colors in the series.

Discovery Series F1
Height: 8 to 10 in. (20 to 25 cm)
Spread: 6 to 8 in. (15 to 20 cm)
Available as Ball Premier Line® coated seed.
Dwarf type has fully double, 2.5 to 3-in. (6 to 8-cm) blooms with tighter flower heads than the originals, and the same tidy habit. 11 weeks.
• Orange
• Yellow

Inca II Series
Height: 12 to 14 in. (30 to 36 cm)
Spread: 12 to 14 in. (30 to 36 cm)
Available as Ball Premier Line® seed.
Compact and early plants flower freely with large, 4 to 5-in. (10 to 13-cm) blooms. Strong stems are good for shipping. 10 to 11 weeks.
• Deep Orange
• Gold
• Orange
• Primrose
• Yellow
• Mix
May contain most or all colors in the series.
**Chedi Orange F1**

Tall, stunning AND a top-notch performer!

- Height: 40 to 55 in. (1 to 1.4 m)
- Spread: 24 to 32 in. (61 to 81 cm)
- Available as Ball Premier Line® coated seed.

This is not your ordinary marigold! Even better than Cracker Jack, the extra-tall plants show off big, firm and well-shaped flowers up to 4.75 in. (12 cm) across. Count on long shelf life and continuous flowering from this star performer – it’s tolerant of soil-borne diseases such as Fusarium, with excellent adaptability to a wide range of climates. Great as a garden cut flower, too. 10 to 11 weeks.

**Little Duck Series**

- Height: 6 to 10 in. (15 to 25 cm)
- Spread: 6 to 8 in. (15 to 20 cm)
- Available as Ball Premier Line® de-tailed seed.

The most compact, natural dwarf marigolds available today. Tidy plants have bright, fully double, tube-shaped petals on top of dark green foliage.

- Orange
- Yellow

**Perfection Series F1**

- Height: 14 to 18 in. (36 to 46 cm)
- Spread: 12 to 14 in. (30 to 36 cm)
- Available as Ball Premier Line® de-tailed seed.

Sturdy stems hold fully double, 3 to 3.5-in. (8 to 9-cm) blooms. 11.5 weeks.

- Orange
- Yellow

**Proud Mari Series**

- Height: 10 to 12 in. (25 to 30 cm)
- Spread: 10 to 12 in. (25 to 30 cm)
- Available as Ball Premier Line® coated seed.

Dwarf, compact plants need little to no PGRs and deliver excellent landscape performance. Thick flower stems keep the bright and large, fully double flowers standing upright. Uniform stem time and height across the gold, orange and yellow varieties.

- Gold
- Orange
- Yellow
- Mix May contain most or all colors in the series.

**Vanilla F1**

- Height: 16 in. (41 cm)
- Spread: 10 in. (25 cm)
- Available as Ball Premier Line® Ball Controlled Growth™, de-tailed and coated seed.

Fully double, creamy white flower heads have tight centers to shed water and avoid turning brown longer. Dark green foliage offers a good contrast to the 2.5 to 3-in. (6 to 8-cm) flowers. 11 weeks.
AFRICAN MARIGOLD continued

Taishan® Series F₁

Stretches less, breaks less...and now delivers more uniform timing and habit across the series!

Height: 10 to 12 in. (25 to 30 cm)
Spread: 8 to 10 in. (20 to 25 cm)

A Ball Ingenuity product, available exclusively through Ball Seed.
Available as Ball Premier Line® seed.

With 20% shorter peduncles and 15% thicker stems than the market leader, Taishan stands tall in shipping and at retail. Better branching with more aggressive side branching fills packs quickly and delivers a healthy look. Large flowers hold their doubleness and shed water well. At retail, the big, tightly petaled blooms on super-strong stems look terrific with less waste, better tolerance of overhead watering and longer shelf life. Gardeners and landscapers will appreciate the full plants and season-long shows of high-impact color. 7 to 10 weeks.

• Gold
• Orange
• Yellow
• Mix

HEAT-TOLERANT FRENCH MARIGOLD
Tagetes patula

Hot Pak™ Series

Keeps on blooming, even in the highest heat and humidity.

Height: 6 to 7 in. (15 to 18 cm)
Spread: 6 to 8 in. (15 to 20 cm)

Available as Ball Premier Line® seed.

First-ever launch of a full French marigold series with all the key colors, perfectly genetically matched. Developed IN the heat, FOR the heat, Hot Pak stays compact and continues to flower without stretching or falling open all through the Summer. Extra-dwarf crested series produces 1.75 to 2 in. (4.5 to 5-cm) blooms. Ideal for regional pack programs and landscapes. 6 to 10 weeks.

• Fire
• Flame US 9,326,468
• Gold US 9,320,212
• Harmony US 9,326,464
• Orange US 9,326,467
• Spry US 9,326,466
• Yellow US 9,326,465
• Mix

Little Hero Series

Height: 8 in. (20 cm)
Spread: 10 in. (25 cm)

Available as Ball Premier Line® seed.

A heat-tolerant series with uniform habit and timing.

• Fire
• Orange
• Yellow
• Mix
FRENCH MARIGOLD
Tagetes patula

**Bonanza™ Series**

- **Height:** 10 to 12 in. (25 to 30 cm)
- **Spread:** 6 to 8 in. (15 to 20 cm)

A PanAmerican Seed product. Available as Ball Premier Line® seed.

Early, large-flowered, pack-friendly series performs well under a wide range of conditions. Double, crested, 2 to 2.5-in. (5 to 6-cm) blooms. 9.5 weeks.

- **Bee** Mahogany with yellow edging.
- **Bolero** Attractive bicolor. US PVPAF.
- **Deep Orange** US PVPAF.
- **Flame**
- **Gold**
- **Harmony** Bronze with gold center.
- **Yellow** Mix May contain most or all colors in the series.

**Disco Series**

- **Height:** 8 to 10 in. (20 to 25 cm)
- **Spread:** 6 to 8 in. (15 to 20 cm)

Available as Ball Premier Line® coated seed.

Single, 2 to 2.5-in. (5 to 6-cm) blooms. 10 weeks.

- **Granada** Orange and red bicolor.
- **Marietta** Golden yellow with mahogany fleck at base of petals.
- **Orange**
- **Red**
- **Yellow** Mix May contain most or all colors in the series.

**Durango® Series**

- **Height:** 10 to 12 in. (25 to 30 cm)
- **Spread:** 6 to 8 in. (15 to 20 cm)

A PanAmerican Seed product. Available as Ball Premier Line® seed.

Outstanding performers from bench to garden, Durango shows extra-large, 2 to 2.5-in. (5 to 6-cm), anemone-type flowers on strong stems. Early, free-flowering plants have a uniform height and good branching. Several unusual colors with excellent retail appeal. 7 to 10 weeks.

- **Bee** Mahogany edged with yellow.
- **Bolero** Golden yellow flower petals tipped with red.
- **Flame** Mahogany edged with orange.
- **Gold**
- **Orange**
- **Red**
- **Tangerine**
- **Yellow**
- **Mix** May contain most or all colors in the series.

**Fireball**

Unique look for premium packs, pots and decorative planters.

- **Height:** 10 to 12 in. (25 to 30 cm)
- **Spread:** 6 to 8 in. (15 to 20 cm)

A PanAmerican Seed product. Available as Ball Premier Line® seed. Fireball and companion Strawberry Blonde (64) show off multicolor blooms on the same plant, due to germplasm never seen in African or French types before. Fireball’s flowers open red, then turn to fiery bronze and dark gold as they age. In early Spring growing conditions, the 2.5-in. (6-cm) flowers age and change color more slowly for maximum contrast; when warmer, the color changes faster with less distinct contrast. 6 to 9 weeks. US PAF, PCT.

**Flamenco**

- **Height:** 10 to 12 in. (25 to 30 cm)
- **Spread:** 6 to 8 in. (15 to 20 cm)

A PanAmerican Seed product. Available as Ball Premier Line® seed.

With its yellow center and red-tipped petals, this novelty color offers a unique pattern similar to Fireball and Strawberry Blonde; for habit and flower timing, this variety is in line with the Bonanza series. US PVPAF.

**New Happy Series**

- **Height:** 6 to 7 in. (15 to 18 cm)
- **Spread:** 6 to 8 in. (15 to 20 cm)

Available as Ball Premier Line® seed.


- **Gold**
- **Harmony**
- **Orange**
- **Spry**
- **Yellow**
- **Mix** May include most or all colors in the series.

Order all the products in this catalog using WebTrack®.

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370.
FRENCH MARIGOLD continued

Janie Series
Height: 8 to 10 in. (20 to 25 cm)
Spread: 6 to 8 in. (15 to 20 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Early series with 2-in. (5-cm), double, crested flowers. 7 weeks.
• Bright Yellow
• Deep Orange

Safari Series
Height: 8 to 10 in. (20 to 25 cm)
Spread: 12 in. (30 cm)
Available as Ball Premier Line® seed.
Extra-large, 2 to 2.5-in. (5 to 6-cm) blooms enhance the series. 9 weeks.
• Bolero
  Maroon petals with gold centers.
• Red
• Scarlet
• Tangerine
• Yellow
• Yellow Fire
  Yellow with red at the base of each petal.
• Mix
  May contain most or all colors in the series.

Strawberry Blonde
Multicolor blooms on the same plant!
Height: 8 to 10 in. (20 to 25 cm)
Spread: 8 to 10 in. (20 to 25 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
The world’s first “pink” marigold! The first flower opens a deep pink with rustic yellow crest, then ages to a straw yellow. Like companion Fireball (page 63), Strawberry Blonde brings a first-ever look to premium packs, pots and containers. In early Spring growing conditions, the 2.25-in. (6-cm) flowers age and change color more slowly for maximum contrast. In warmer conditions, color changes faster with less contrast. 6 to 9 weeks.
US PAF, PCT

Super Hero Series
Height: 9 in. (23 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Available as Ball Premier Line® seed.
The next generation of Heroes! Earlier to flower with a compact plant habit, but not dwarf. Very good and stable flower pattern. Most uniform series in packs and pots. Replaces current Hero series. 7 to 9 weeks.
• Harmony
• Orange
• Orange Bee
• Orange Flame
• Spry
  Dark maroon lower petals and golden yellow upper petals on dark green foliage. All-America Selections National Winner.
• Yellow
• Yellow Bee
• Max Mix in 2020
  May contain most or all the colors in the series.

SIGNATA MARIGOLD
Tagetes tenuifolia
Crop Time: Packs/3.5 to 4-in. (9 to 10-cm) pots, 10 to 12 weeks

Gem Series
Height: 12 in. (30 cm)
Spread: 6 to 8 in. (15 to 20 cm)
Available as Ball Premier Line® seed.
Many small, single blooms.
• Golden
• Lemon
• Paprika
• Tangerine
• Mix
  May contain most or all colors in the series.

F1 TRIPLOID MARIGOLD
Tagetes erecta × patula
Crop Time: 6 to 8 weeks

Zenith Series
Height: 14 to 16 in. (36 to 41 cm)
Spread: 12 to 14 in. (30 to 36 cm)
Available as Ball Premier Line® seed.
Excellent landscape selection produces a profusion of frilly, double, 3-in. (8-cm) blooms.
• Deep Orange
• Golden Yellow
• Lemon Yellow
• Orange
• Red
• Yellow

MELAMPodium
M. paludosum

Derby
Height: 8 in. (20 cm)
Spread: 12 to 18 in. (30 to 46 cm)
Heat-tolerant, dwarf plants produce many bright yellow blooms all season.

Jackpot Gold
Height: 6 to 12 in. (15 to 30 cm)
Spread: 12 in. (30 cm)
Improved version of Million Gold features better habit and larger, golden-orange blooms. Bushy plants flower continuously from early Summer to first frost, with proven garden performance in both cold Spring conditions and long, dry Summers.

Lemon Delight
Height: 6 to 12 in. (15 to 30 cm)
Spread: 12 in. (30 cm)
Very floriferous plants with 1-in. (2.5-cm), light yellow, daisylike flowers. Performs well in hot and humid climates.

Showstar
Height: 10 in. (25 cm)
Spread: 8 to 10 in. (20 to 25 cm)
Bushy variety with yellow, star-shaped blooms.

MATTHIOLA
See Stock. Also see Cut Flowers.
MELINIS See Grasses.

MILIUM See Grasses.

MINT, ORNAMENTAL
Mentha requienii (Corsican Mint)

Mini Mint

Height: 1 to 2 in. (2.5 to 5 cm)
Spread: 6 to 12 in. (15 to 30 cm)

A PanAmerican Seed product.

Available as Ball Premier Line® seed.

Attractive, highly fragrant groundcover or small pot plant is easy to grow from a multi-seed pellet with 8 to 12 seeds. One plug in a 4-in. (10-cm) pot delivers a fast fill; can be direct sown. Makes great-looking small pots, mix components and garden specimens. Performs as a perennial in Zones 6 to 9.

NOTE: Leaves are non-toxic but do not have a palatable flavor.

MILLET, F 1 ORNAMENTAL
Pennisetum glaucum

Crop Time: 4-in. (10-cm) pots and larger sold green, 6 to 9 weeks

Copper Prince

Height: 24 to 36 in. (61 to 91 cm)
Spread: 18 to 24 in. (46 to 61 cm)

A PanAmerican Seed product.

Exciting color! Copper Prince begins as a light caramel color, then deepens to copper as it sends up rose-bronze, foxtail-type panicles for added Summer interest. Wide blades and excellent tillering for large containers and landscapes.

Jade Princess

A "must have" for landscapers and consumers looking for plants in the popular chartreuse color group.

Height: 24 to 30 in. (61 to 76 cm)
Spread: 18 to 24 in. (46 to 61 cm)

A PanAmerican Seed product.

Intense lime green leaves, controlled and rounded shape, and pollenless heads make this variety shine in the store, and outdoors in landscapes and mixed or mono containers. Seed can be direct-sown into finish containers. Well-suited to pot sizes up to gallons, with a fast finish time. The most compact of the varieties we offer. NOTE: Requires warmer temperatures than other millets to perform well.

Purple Majesty

Striking ornamental plant for mass plantings, large mixed containers and borders features deep purple foliage, stems and flower plumes.

Height: 4 to 5 ft. (1.2 to 1.5 m)
Spread: 8 to 12 in. (20 to 30 cm)

A PanAmerican Seed product.

Produces cattail-like flower plumes, 12 to 14 in. (30 to 36 cm) long. Young plants are green. The stem and mid-rib of the foliage first turn purple after about 8 leaves have developed. Foliage turns dark purple when plants are moved from the greenhouse outside into full sun. Good cut flower choice. All-America Selections Gold Medal Winner.
MIMULUS
M. x hybridus
Crop Time: Packs, 8 to 9 weeks

Magic Series
Height: 10 in. (25 cm)
Spread: 12 in. (30 cm)
Available as Ball Premier Line® seed.
- Ball Magic Mix A Ball Ingenuity product, available exclusively through Ball Seed. Special formulation of the brightest, most well-matched colors.
- Spring Blossom Mix Eye-catching blend of solid and patterned ivory to burgundy blooms.

Mystic Mix
Height: 10 to 12 in. (25 to 30 cm)
Spread: 10 in. (25 cm)
Available as Ball Premier Line® seed. Spreading variety.

MORNING GLORY
Crop Time: Flowers, 5 to 6 weeks

Happy Hour Rose
Vine length: 6 to 9 ft. (1.8 to 2.7 m) (Pharbitis x hybrida) Produces many rose-red flowers, each with a white throat, over variegated foliage. Flowering starts when the vine reaches 3 ft. (91 cm). Perfect for baskets; also works well as a trailing pot plant and climbing vine. Best direct sown.

Heavenly Blue
Vine length: 12 ft. (3.6 m) (Ipomoea tricolor) Sky blue flowers open in the morning.

Sunrise Serenade
Vine length: 10 ft. (3 m) (Ipomoea x imperialis) Big double flowers highlight this Imperial Japanese variety. Each wavy-edged, 2.5 to 3-in. (6 to 8-cm) bloom is cherry red with white base. Gardeners will enjoy the eye-catching flowers of this traditional vining plant from early Summer until the first frost. Flowers remain open longer than standard single varieties.

Mystic Mix Mimulus
Magic Spring Blossom Mix Mimulus

NASTURTIUM
Tropaeolum majus
Crop Time: Packs, 11 to 13 weeks

Alaska Mix
Height: 12 in. (30 cm)
Spread: 16 in. (41 cm)
White, marbled foliage contrasts with 2 to 2.5-in. (5 to 6-cm), single blooms.

Baby Rose
Height: 12 in. (30 cm)
Spread: 10 in. (25 cm)
Small, dark-green foliage and a unique flower color make this a potential candidate for pot and pack production. All-America Selections Regional Winner.

Jewel Mix
Height: 10 in. (25 cm)
Spread: 20 to 24 in. (51 to 61 cm)
Semi-double, 2 to 2.5-in. (5 to 6-cm) flowers; vigorous.

New Tip Top Rose
Height: 15 in. (38 cm)
Spread: 20 in. (51 cm)
2020 All-America Selections Regional Winner (West/Northwest, Mountain/Southwest) is a strong yet compact nasturtium with unique and showy rose-colored flowers showcased above medium green foliage.

MULTI-SPECIES MULTI-PELLETS
See Fuseables®, page 69.

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Height: 15 in. (38 cm)
Spread: 20 in. (51 cm)
2020 All-America Selections Regional Winner (West/Northwest, Mountain/Southwest) is a strong yet compact nasturtium with unique and showy rose-colored flowers showcased above medium green foliage.
NEMESIA

**N. FOETANS**
Crop Time: Packs and pots, 9 to 12 weeks

**Poetry™ Series F1**
Height: 12 to 14 in. (30 to 36 cm)
Spread: 10 to 12 in. (25 to 30 cm)

A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Ideal for cool-season gardens and containers, Poetry is the first seed-grown nemesia of this type and makes an excellent premium variety. The well-branched, “no pinch” plants grow fast and full. Well-suited to Spring and Fall premium packs and 4-in. (10-cm) pots. Will flower in Winter in milder climates.

- Blue
- Deep Pink
- Pink
- White
- Mix

May contain most or all colors in the series.

N. X HYBRIDUS
Crop Time: 4 to 6-in. (10 to 15-cm) pots, 10 to 11 weeks

**Seventh Heaven Mix F1**
Height: 12 to 14 in. (30 to 36 cm)
Spread: 14 to 16 in. (36 to 41 cm)

Available as Ball Premier Line® seed.
Featuring denser and better-branched foliage and larger flowers than similar seed varieties, this variety is on par with vegetative types. The mix includes the first lavender bicolor in seed types.

- Appleblossom
- Lime
- Purple Bicolor
- Red
- Rose
- White
- Mix

May contain most or all colors in the series.

N. STRUMOSA
Crop Time: Pots, 13 to 15 weeks

**Sundrops Mix**
Height: 10 in. (25 cm)
Spread: 8 to 10 in. (20 to 25 cm)

A PanAmerican Seed product.
Early, compact plants in a wide range of colors and patterns. Good for small container programs.

NICOTIANA

**N. alata** (Flowering Tobacco)
Crop Time: Packs, 13 to 15 weeks

**Perfume Series**
Height: 16 to 20 in. (41 to 51 cm)
Spread: 14 to 16 in. (36 to 41 cm)

New! Now available as Ball Premier Line® pelleted seed.
Abundant, 2-in. (5-cm) blooms are highly scented at night. Long-lasting in landscapes and containers. Good for 4 to 5-in. (10 to 13-cm) programs for Summer color sales.

- Deep Purple
  - All-America Selections Gold Medal Winner.
- Mix
  - Deep Purple plus blue, bright rose, lime, red and white (which are not sold separately).

**Saratoga Series**
Height: 10 to 12 in. (25 to 30 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Available as Ball Premier Line® seed.
Bushy plants with trumpet-shaped flowers.

- Appleblossom
- Lime
- Purple Bicolor
- Red
- Rose
- White
- Mix

May contain most or all colors in the series.

**Starmaker Series**
Height: 12 in. (30 cm)
Spread: 10 in. (25 cm)
A Ball Ingenuity product, available exclusively through Ball Seed.
Available as Ball Premier Line® seed.
We have excellent seed inventory of our series! Starmaker delivers terrific pack performance, with a compact habit and early, uniform finish. These brightly colored heat lovers put on season-long shows in landscapes and containers.

- Appleblossom
- Bright Red
- Lime/Purple Bicolor
- White
- Mix

May contain most or all colors in the series.

ORNAMENTAL CORN
See Corn, Ornamental. Also see Grasses.

ORNAMENTAL MILLET
See Millet, Ornamental.

Order all the products in this catalog using WebTrack®

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
**ORNAMENTAL OREGANO**
Also see Perennials.
*Origanum x hybrida*

*Crop Time:* 14 to 17 weeks

**Kirigami**

*Height:* 8 to 10 in. (20 to 25 cm)
*Spread:* 12 to 14 in. (30 to 36 cm)

*A PanAmerican Seed product.*

The perfect patio plant, this eye-catching non-culinary oregano features large, purple-green bracts, rose flowers and clear, light green foliage, with a delicious fragrance to attract pollinators. Dense, mounded, slightly trailing plant has a tighter, fuller habit than standard vegetative varieties, so it holds better in shipping and at retail. Heat and drought tolerant, with showy display of texture in baskets, borders and rock gardens from Spring until Fall. Higher light and cooler night temperatures accent the purple bract color. US PVPAF

**ORNAMENTAL PEPPER**
See Pepper, Ornamental.

**OSTEOSPERMUM**
*O. ecklonis*

*Crop Time:* 4-in. (10-cm) pots, 80 to 100 days

**Akila® F1 Series**

Gives growers the best seed-grown osteos for habit and seed quality.

*Height:* 10 to 14 in. (25 to 36 cm)
*Spread:* 14 to 20 in. (36 to 51 cm)

*A PanAmerican Seed product.*

The most compact seed series available, Akila is well-suited to high-density pack and pot programs and mechanized production — plants branch without pinching and all colors flower in the same week. The full, well-branched plants are an economical and upscale choice for landscapers to use in mass plantings and containers. In the garden, Akila shows off beautiful flowers and the plants are drought-tolerant once established.

- **Daisy White** White petals with pale yellow eye; petal backs are pale yellow. Similar to Purple in timing. All-America Selections National Winner.
- **Lavender Shades**
- **Purple**
- **Sunset Shades** Multicolor segregating mix includes yellow, magicians and rose-reds, plus salmon, apricot and orange shades. A gorgeous mix of the colors of the setting sun.
- **White**
- **White Purple Eye**
- **Grand Canyon Mix** First multicolor segregating mix includes popular colors like yellow, magicians and rose-reds, plus purple, lavender, creams and whites.
- **Mix** May contain most or all colors in the series.

**Passion Mix**

*Height:* 6 to 10 in. (15 to 25 cm)
*Spread:* 12 to 18 in. (30 to 46 cm)

Daisy flowers in pink, rose, purple and white with blue centers are 2 to 2.5 in. (5 to 6 cm) across. Drought and semi-cold tolerant. Compact, uniform and multiple-branched. All-America Selections National Winner.
Fuseables™ let you consistently grow better-looking, less-variation mixes.

**A PanAmerican Seed product.**

*The only combo program from a single pellet!* Easy-to-grow Fuseables Precision Multi-Pellets are specially formulated to deliver a balanced mix of two to three varieties. This cutting-edge seed technology guarantees that all combo components are present at least 90% of the time. Each component is sown into the pellet, in the quantities required, for more precise and balanced combos.

**SINGLE-SPECIES BACOPA**

**Utopia**
Blutopia® and Snowtopia® bacopa.

**SINGLE-SPECIES CALIBRACHOA**

**Paradise Island**
The first Fuseables to contain the first seed calibrachoas, Kabloom™. Features Kabloom Yellow and Kabloom Denim, plus rose (not available separately). 7-day flowering window.

**SINGLE-SPECIES COLEUS**

**Under the Sun**
Crimson Gold and Lime Delight coleus. Great for both sun and shade.

**Chocolate Symphony**
Chocolate Mint and Lime Delight coleus make an easy combo for the shade.

**SINGLE-SPECIES PANSY**

**Flower Date**
Cool Wave® Golden Yellow and Cool Wave Purple pansies.

**Sunny Skies**
Cool Wave Blue Skies and Cool Wave Golden Yellow pansies.

**Use Made With Wave® marketing tools to tell shoppers these Fuseables combos include Wave petunias:**

**SINGLE-SPECIES PETUNIA**

**Blueberry Lime Jam**
Sophistica® Lime Green and Dreams™ Midnight petunias.

**Lime Coral**
Dreams Coral Morn and Sophistica Lime Bicolor petunias.

**Ooh La La**
The first all-Wave® Fuseables! Easy Wave® Burgundy Star, Easy Wave Neon Rose and Shock Wave® Coconut.

**Pleasantly Blue**
Dreams Midnight and Daddy® Blue petunias.

**Rise N Shine**
Easy Wave Yellow and Easy Wave Rosy Dawn petunias. This second all-Wave Fuseables is a great Spring item.

**MULTI-SPECIES**

**Blue Dawn**
Easy Wave Rosy Dawn petunia and Blutopia bacopa.

**Healing Waters**
Shock Wave Denim petunia, Easy Wave Violet petunia and Blutopia bacopa.

**Silk N Satin**
Shock Wave Pink Shades petunia and Snowtopia bacopa.

**Twisted Arrows** See page 138.

**Twisted Dart** See page 138.

**Wine Cooler**
Cool-season combo of Sorbet® Midnight Glow viola and Clear Crystal® Purple Shades alyssum.

FREE downloadable benchcard: panamseed.com/wave-signs.aspx

Use Made With Wave® marketing tools to tell shoppers these Fuseables combos include Wave petunias:

Tags from your preferred supplier.
Southern Solutions for Fall Pansies

We are the ideal source for your Fall finished pansy crop in the South. **Plugs are your best option** for growing in hot southern **temperatures in the Fall**, and we have the right plugs for your needs. Whether it is larger plugs for large containers, or smaller plugs for bedding flats, you’ll find the perfect pansy right here.
SPREADING/TRAILING PANSY

**Freefall Series**

*Viola x wittrockiana*

**Height:** 4 to 6 in. (10 to 15 cm)

**Spread:** 12 to 15 in. (30 to 38 cm)

**Flower size:** 1.25 to 1.5 in. (3 to 4 cm)

Available as Ball Premier Line® seed.

(Viola spp.) Versatile trailing series is ideal for baskets and also works well in color bowls and the landscape. Early-flowering Freefall starts low and mounding, then the plants develop a vigorous, cascading and spreading habit that covers an area with color using fewer plants.

- Cream
- Deep Violet
- Golden Yellow
- Lavender
- Marina
- Morpho
- Purple and White
- Purple Wing
- New True Blue
- White
- Mix May contain most or all colors in the series.
- Little Faces Mix Purple and White and Purple Wing
- Moonlight Mix Deep Violet, Purple and White and White

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370

Order all the products in this catalog using WebTrack®.
COOL WAVE® SPREADING PANSY

F1 SPREADING PANSY
Viola x wittrockiana

Fuseables® Flower Date
Fuseables® Sunny Skies
Find out more about these single-species Precision Multi-Pellets on page 69.

Cool Wave® Series
The fastest-growing, longest-lasting, truly trailing pansy. It’s a MUST HAVE!
Height: 6 to 8 in. (15 to 20 cm)
Spread: 24 to 30 in. (61 to 76 cm)
Flower size: 2 to 2.25 in. (5 to 5.5 cm)
USDA Hardiness Zones: to Zone 5
A PanAmerican Seed product.
Available as Ball Premier Line® seed.

The Best Pansy Ever has superior overwintering hardiness that assures that Cool Wave pansies are the earliest to return in Spring. More vigorous than any spreading pansy, fewer Cool Wave plants are needed per pot and these pansies pump out tons of cool-season color! With the most prostrate habit of any spreading pansy, Cool Wave varieties make great “spillers” in combos and are a fast-growing, high-impact groundcover.

• Blue Skies Matches Golden Yellow for habit/vigor. Cool nights/low PGRs deliver the deepest color. High temperatures/PGR use show slightly lighter blue color and broader yellow eye. Small number of blooms show dark purple cap.
• Blueberry Swirl
• Frost White flowers develop light blue “frost” from the edges as they mature. Cool temperatures enhance the color pattern.
• Fire
• Golden Yellow
• Lemon
• Morpho Bicolor.
• Purple
• Raspberry Shows more white in the face in Summer/Fall (warm season) production. In Winter/Spring (cool season) production, white is diminished and more rose-purple shows in the bloom.
• Raspberry Swirl Shows more rose cap in Winter/Spring (cool season) production.
• Strawberry Swirl Shows more pink cap in Winter/Spring (cool season) production and more yellow in the flower face in Summer/Fall (warm season) production.
• New Sunshine ‘N Wine Improved Better branching and a more mounding habit.
• Violet Wing.
• White Can show a little blush.
• Berries ‘N Cream Mix Purple, Violet Wing and White.
• Mix May contain most or all colors in the series.
• Pastel Mix Frost, Golden Yellow, Lemon and White.

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
Recommended Cool Wave Packaging

4 & 6-in. (10 & 15-cm) Pots
Hanging basket of your choice

FREE 19x38-in. (48x97-cm) Posters

FREE 11x7-in. (28x18-cm) Benchcards

Tags from your preferred supplier.

STANDARD PANSY

F: PANSY
Viola x wittrockiana

Crop Time: Packs, Spring: 12 to 15 weeks; Summer: 11 to 14 weeks, except where noted.

Note: Some varieties referred to as mini-pansies are actually violas.

Blueberry Thrill
Height: 5 to 6 in. (13 to 15 cm)
Spread: 6 in. (15 cm)
Flower size: 3.25 in. (8 cm)
Available as Ball Premier Line® seed.
Compact and free-flowering from Fall through early Spring. Early; does not need cool temperatures to initiate buds. Blooms under long and short days.

Colossus Series
Height: 4 to 5 in. (10 to 13 cm)
Spread: 4 to 6 in. (10 to 15 cm)
Flower size: 3 to 3.5 in. (8 to 9 cm)
Available as Ball Premier Line® seed.
Compact plants.
- Deep Blue With Blotch
- Fire
- Lavender Medley
- Lemon Shades
- Neon Violet
- Ocean
- Purple With Blotch
- Red With Blotch
- Rose Medley
- Rose With Blotch
- Tricolor
- White
- White With Blotch
- White With Purple Wing
- Yellow
- Yellow With Blotch
- Blotch Mix
- Mix

Crown Series
Height: 5 in. (13 cm)
Spread: 6 in. (15 cm)
Flower size: 3.25 in. (8 cm)
Available as Ball Premier Line® seed.
Compact plants have medium-large flowers that hold their color well in the garden. Excellent shelf life. All are clear colors except where noted.
- Azure
- Blue
- Golden
- Purple
- Yellow
- Yellow Splash

Blueberry Thrill
- White With Bluotch
- White With Purple Wing
- Yellow
- Yellow With Blotch
- Blotch Mix
- Mix

Mix may contain most or all colors in the series.

Frizzle Sizzle Series
Height: 6 to 8 in. (15 to 20 cm)
Spread: 8 to 10 in. (20 to 25 cm)
Flower size: 2.5 in. (6 cm)
A PanAmerican Seed Product.
Available as Ball Premier Line® seed.
With more unique and bold colors than any of this type, the frilly flowers stand out at retail, and make great cool-season containers and "close-up" landscapes. Stronger ruffling occurs in cool conditions; Spring production is recommended.
- Blue
- Burgundy
- Lemonade
- Lemonberry
- Orange
- Raspberry Shades of white with rose cap/edge.
- Yellow
- Yellow-Blue Swirl
- Mix

Mix may contain most or all colors in the series.

Order all the products in this catalog using WebTrack®.
Delta Series
Height: 4 to 6 in. (10 to 15 cm)
Spread: 4 to 6 in. (10 to 15 cm)
Flower size: 2.5 to 3 in. (6 to 8 cm)
Available as Ball Premier Line® seed.
Spring-flowering series offers mid-size flowers. “Premium” varieties deliver a more manageable habit and resist stretching better.
Delta Premium varieties:
• Premium Beaconsfield
• Premium Blue Morpho
• Premium Blue With Blotch
• Premium Deep Blue
• Premium Gold With Blotch
• Lavender Blue Shades
• Premium Marina
• Premium Neon Violet
• Premium Persian Medley
• Premium Primrose With Blotch
• Premium Pure Golden Yellow
• Premium Pure Lemon
• Premium Pure Light Blue
• Premium Pure Orange
• Premium Pure Primrose
• Premium Pure Violet
• Premium Pure White
• Premium Pure Yellow
• Premium Red With Blotch
• Premium Rose With Blotch
• Premium Tapestry Rose, pink, apricot, primrose and cream shades.
• Premium True Blue
• Premium Violet White
• Premium White With Blotch
• Premium Yellow Purple Wing
• Premium Yellow With Blotch
Delta Speedy Series
Height: 4 to 6 in. (10 to 15 cm)
Spread: 6 to 8 in. (15 to 20 cm)
Flower size: 3 in. (8 cm)
Available as Ball Premier Line® seed.
Series offers reliable and programmable production with near day-neutral flowering. Ideal for Winter flowering in the South and West and early-Spring flowering in the North. Efficient to produce with reliably fast crop times and a tight bloom window, even under short day conditions.
• Deep Blue With Blotch
• Frost
• Purple
• Rose Medley
• True Blue
• New Violet and White
• White
• Yellow
• Yellow And Purple
• Yellow With Blotch
• Mix May contain most or all colors in the series.

Delta Standard varieties:
• Fire
• Pink Shades
• Pure Red
• Pure Rose
Delta mixes:
• Berry Tart Mix Berry shades of blue, violet and rose.
• Blaze Mix Fire, Pure Red, Premium Pure Yellow and Yellow With Red Wing.
• Citrus Mix Solid orange, yellow and white.
• Cotton Candy Mix Pink Shades and Premium Pure Light Blue.
• Mix Pure (clear) and blotch colors.
• Monet Mix Lavender Blue Shades, Pink Shades, Pure Rose, Premium Pure Yellow and Premium True Blue.
• Pure Colors Mix
• Tri-Color Mix Premium Pure Light Blue, Premium Pure Primrose and Premium Pure Violet.

Delta Standard varieties:
• Fire
• Pink Shades
• Pure Red
• Pure Rose
Delta mixes:
• Berry Tart Mix Berry shades of blue, violet and rose.
• Blaze Mix Fire, Pure Red, Premium Pure Yellow and Yellow With Red Wing.
• Citrus Mix Solid orange, yellow and white.
• Cotton Candy Mix Pink Shades and Premium Pure Light Blue.
• Mix Pure (clear) and blotch colors.
• Monet Mix Lavender Blue Shades, Pink Shades, Pure Rose, Premium Pure Yellow and Premium True Blue.
• Pure Colors Mix
• Tri-Color Mix Premium Pure Light Blue, Premium Pure Primrose and Premium Pure Violet.

Delta mixes:
• Berry Tart Mix Berry shades of blue, violet and rose.
• Blaze Mix Fire, Pure Red, Premium Pure Yellow and Yellow With Red Wing.
• Citrus Mix Solid orange, yellow and white.
• Cotton Candy Mix Pink Shades and Premium Pure Light Blue.
• Mix Pure (clear) and blotch colors.
• Monet Mix Lavender Blue Shades, Pink Shades, Pure Rose, Premium Pure Yellow and Premium True Blue.
• Pure Colors Mix
• Tri-Color Mix Premium Pure Light Blue, Premium Pure Primrose and Premium Pure Violet.

Delta Standard varieties:
• Fire
• Pink Shades
• Pure Red
• Pure Rose
Delta mixes:
• Berry Tart Mix Berry shades of blue, violet and rose.
• Blaze Mix Fire, Pure Red, Premium Pure Yellow and Yellow With Red Wing.
• Citrus Mix Solid orange, yellow and white.
• Cotton Candy Mix Pink Shades and Premium Pure Light Blue.
• Mix Pure (clear) and blotch colors.
• Monet Mix Lavender Blue Shades, Pink Shades, Pure Rose, Premium Pure Yellow and Premium True Blue.
• Pure Colors Mix
• Tri-Color Mix Premium Pure Light Blue, Premium Pure Primrose and Premium Pure Violet.

Delta Standard varieties:
• Fire
• Pink Shades
• Pure Red
• Pure Rose
Delta mixes:
• Berry Tart Mix Berry shades of blue, violet and rose.
• Blaze Mix Fire, Pure Red, Premium Pure Yellow and Yellow With Red Wing.
• Citrus Mix Solid orange, yellow and white.
• Cotton Candy Mix Pink Shades and Premium Pure Light Blue.
• Mix Pure (clear) and blotch colors.
• Monet Mix Lavender Blue Shades, Pink Shades, Pure Rose, Premium Pure Yellow and Premium True Blue.
• Pure Colors Mix
• Tri-Color Mix Premium Pure Light Blue, Premium Pure Primrose and Premium Pure Violet.
Grandio Series
Height: 4 to 5 in. (10 to 13 cm)
Spread: 5 to 7 in. (13 to 18 cm)
Flower size: 2.5 in. (6 cm)
Available as Ball Premier Line® seed.
Large-flowered Grandio offers reliable production for Fall, Winter and Spring. Uniform across all colors, with shorter flower stems and less stretching in high heat. Improved replacement for the popular Dynamite series.
- New Beacon Rose
- Blue With Blotch
- Clear Golden
- Clear Orange
- Clear Purple
- Clear Rose
- Clear White
- New Deep Blue With Blotch Improved
- Rich, deep blue with large flowers.
- Masquerade Unique tricolor blooms.
- Rose With Blotch
- True Blue
- White With Blotch
- Yellow With Blotch
- Blotched Colors Mix
- Bright Colors Mix True Blue and Clear Golden.
- Clear Colors Mix True Blue, Clear Golden and Clear Rose.

Halloween
Height: 6 to 8 in. (15 to 20 cm)
Spread: 8 to 10 in. (20 to 25 cm)
Flower size: 1.75 to 2 in. (4 to 5 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Blooms are a unique, uniform pure black color, on strong, short peduncles. Early, well-branched and floriferous plants are great for Fall pots and packs, and overwinter with ease when planted in-ground.
NOTE: In black pansies, a small percentage of white/yellow bicolor off-types is common. Halloween has about 3% of these plants in the population.
- Blue And White With Blotch
- Blue Jeans With Blotch
- Clear Purple
- New Clear White Improved
- Perfect combination of habit, flower size and earliness.
- Clear Yellow
- Deep Blue With Blotch
- Fire With Blotch Unique variable color pattern of red with yellow wings.
- Marina Blotch
- Mid Blue With Blotch
- Purple With Blotch
- Red With Blotch
- Rose With Blotch
- Rosalyn With Blotch Rose to pale pink shades, each with a dark blotch.
- Sherry With Blotch Unique variable color pattern of red with yellow wings.
- New White With Blotch Improved
- Larger flowers and a shorter peduncle.
- Yellow With Blotch
- Autumn Mix Clear Purple, Clear Yellow and Fire With Blotch.
- Blotch Mix
- Clear Mix Clear Purple, Clear White and Clear Yellow.
- Girlfriend Mix Combines the cheery pinks and yellows of Roslyn With Blotch and Sherry With Blotch.
- Sea Breeze Mix A Ball Ingenuity product, available exclusively through Ball Seed. Beautiful shades of blues and white.

Mammoth Series
Height: 6 to 8 in. (15 to 20 cm)
Spread: 6 to 8 in. (15 to 20 cm)
Flower size: 3 to 3.5 in. (8 to 9 cm)
Available as Ball Premier Line® seed.
Extra large-flowered series is suited to Spring/Fall programs. Very uniform, compact and vigorous plants have strong branching and broad, mounded habit with short internodes. Eye-catching, flat flowers all display blotched colors. Plants hold and ship well, and have good heat tolerance.
- Big Red
- Blue-‘l-ful
- Deep Blue Dazzle
- Glamarama White
- On Fire
- Pink Berry
- Primavera
- Queen Yellow Bee
- Rocky Rose
- Sangria Punch
- Viva La Violet
- White Hot
- Masquerade Mix Includes all blotched varieties.
- Mix May contain most or all colors in the series.
Matrix® Series

Extra-large-flowered Matrix is your best option for longer days and warmer growing.

Height: 8 in. (20 cm)
Spread: 8 to 10 in. (20 to 25 cm)
Flower size: 3.5 in. (9 cm)

A PanAmerican Seed product.
Available as Ball Premier Line® seed.

All Matrix varieties flower within a 7-day window at 25% color in Fall production so that all colors from the same sowing can ship together. The extra-large flowers hold up to the heat and PGR stress in Summer/Fall production. Superior branching produces plants that cover the soil before initiating blooms without stretching, to assure more flowers per plant in landscapes and containers. The bottom line: Matrix makes life easier – you don’t touch the crop as much!

Matrix Novelty varieties:
• Beaconsfield
• Lavender Shades
• Midnight Glow
• Morpheus
• New Red Wing Improved
• Rose Wing
• Solar Flare
• Sunrise
• Yellow Purple Wing

Matrix Mixes:
• Autumn Blaze Mix
• Blotch Mix
• Citrus Mix
• Clear Mix Light Blue, Orange, Primrose, Purple, Rose, White and Yellow
• Coastal Sunrise Mix
• Harvest Mix
• Mix
• Ocean Breeze Mix Blue Frost, Deep Blue Blotch, Ocean, and White Blotch
• Raspberry Sundae Mix Rose Wing, Rose and White Blotch
• Tricolor Mix Lemon, True Blue, and Purple

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
STANDARD PANSY

NEW Spring Grandio Deep Blue With Blotch Improved

NEW Spring Grandio Beacon Rose

Spring Grandio Clear Mix

NEW Spring Grandio Star Spangled Mix

Spring Grandio Blotch Mix

Spring Grandio Series
Height: 7 in. (18 cm)
Spread: 5 in. (13 cm)
Flower size: 3.25 in. (8 cm)
Available as Ball Premier Line® Genesis® seed.
Specifically bred for early Spring production, this new series offers early blooming across all varieties with incredible plant uniformity and matched bloom time.
- New Beacon Rose
- Blue With Blotch
- New Deep Blue With Blotch Improved
- Purple
- Red With Blotch
- Rose
- Rose With Blotch
- New Star Spangled Mix Clear Rose, True Blue and White With Rose Blotch.
- True Blue
- White
- White With Blotch
- White With Rose Blotch
- Yellow
- Yellow With Blotch
- Blotch Mix Contains most or all blotch colors in the series.
- Clear Mix Contains most or all clear colors in the series.

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370

PANSY
BallSeed.

annual
Spring Matrix™ Series

Large-flowered Spring Matrix is your best option for shorter days and cool growing.

Height: 8 in. (20 cm)
Spread: 8 to 10 in. (20 to 25 cm)
Flower size: 3 in. (8 cm)

A PanAmerican Seed product.
Available as Ball Premier Line® seed.

Spring Matrix delivers the tightest bloom window of any Spring-flowering pansy, across a full color range. With the most uniform habit and least stretch of any Spring pansy, the plants look better, last longer and have the tightest bloom window. The flower size of Spring Matrix prevents the flopping that can occur in Winter/Spring pansies.

Like Matrix, Spring Matrix is design-engineered to make plants with superior plant structure with less stretch, while minimizing waste and unacceptable plant performance. Similar habit, timing and performance across both series – including the novelty colors – streamline production and deliver a better-looking product at retail.

- Beaconsfield
- Blue
- Blue Blotch
- Blue Wing Displays stronger blue color under cool temperatures.
- Deep Orange
- Lavender Shades
- Lemon
- Midnight Glow
- Ocean Can contain a small percentage of white with blotch.
- Pink Shades Wine shades with variation of yellow halo around the center blotch.
- Primrose
- Purple
- Purple & White
- Red Blotch
- Rose
- Rose Blotch
- Sangria
- Scarlet
- White
- White Blotch
- Yellow
- Yellow Blotch
- Blotch Mix Blue Blotch, Ocean, Red Blotch, White Blotch and Yellow Blotch.
- Clear Mix All the clear varieties
- Daffodil Mix Deep Orange, Lemon, Yellow and White.
- Mix Includes all varieties.
- Pastel Mix Pink Shades, Lemon and Blue.
- Tricolor Mix Blue, Lemon and Purple.

STANDARD PANSY

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
Panola® Series

Height: 6 to 8 in. (15 to 20 cm)
Spread: 8 to 10 in. (20 to 25 cm)
Flower size: 2 to 2.25 in. (5 to 6 cm)

A PanAmerican Seed product.
Available as Ball Premier Line® seed.
The ultimate multi-season landscape pansy has a tight 5 to 7-day flowering window, very uniform habit and shorter peduncles across all XP colors. Panola continues to outperform standard medium-flowered varieties, with exceptional overwintering, early flowering and less stretch in warm climates. Free-flowering, well-branched and compact plants are suited to early Spring and Fall programs.

Panola XP varieties:
• XP Beaconsfield
• XP Deep Blue Blotch
• XP Deep Orange
• XP Fire
• XP Marina
• XP Purple
• XP Rose Picotee
• XP Scarlet
• XP Sunburst
• XP True Blue
• XP White
• XP White Blotch
• XP Yellow
• XP Yellow Blotch
• XP Autumn Blaze Mix Fiery mix of Scarlet, Sunburst and Yellow.
• XP Baby Boy Mix Marina, True Blue and White
• XP Blackberry Sundae Mix Purple Face, Purple and White Blotch.
• XP Blotch Mix Deep Blue Blotch, Fire, White Blotch and Yellow Blotch.
• XP Citrus Mix Cheery mix of Deep Orange, White and Yellow.
• XP Clear Mix Includes all clear Panola XP colors.
• XP Halloween Mix Festive Fall mix of orange and black.
• XP Mix All Panola XP colors.

Panola standard varieties:
• Lilac Shades
• Pink Shades
• Primrose
• Yellow & Purple
• Silhouette Mix Primrose, Pink Shades and Lilac Shades.

Ultima Radiance Series

Height: 6 in. (15 cm)
Spread: 8 in. (20 cm)
Flower size: 2.5 in. (6 cm)
Available as Ball Premier Line® seed.
Splashes of color highlight the faced flowers, each showing rich color shades.
• Lilac
• Pink
• Red
• Violet

Whiskers Series

Height: 5 to 6 in. (13 to 15 cm)
Spread: 6 to 8 in. (15 to 20 cm)
Flower Size: 3 in. (8 cm)
Available as Ball Premier Line® seed.
Each mid-size bloom features a unique “cat face” pattern – in mass plantings, they really grab attention!
• Orange
• Purple-White
• Red-Gold
• White
• Yellow

PAPAVER
See Poppy. Also see Perennials (Papaver).

PENSTEMON
Also see Perennials. P. hartwegii
Crop time: 6-in. (15-cm) pots, 17 to 19 weeks

Arabesque Series

Annual penstemon series is much earlier and faster to finish than other P. hartwegii varieties.
Height: 24 to 30 in. (61 to 76 cm)
Spread: 20 to 24 in. (51 to 61 cm)
Offering strong branching and superior uniformity, compact Arabesque is programmable in premium quart and gallon programs. Showy, long-blooming plants perform well in gardens and large pots. NOTE: Not recommended for pots smaller than 6 in. (15 cm). Hardy to USDA Zone 7.
• Appleblossom Pink hues are enhanced with cool night temperatures.
• Pink
• Red
• Violet

All-America Selections Regional Winner (Heartland, Mountain/Southwest, West/Northwest).

Partybells Series

Height: 16 to 18 in. (41 to 46 cm)
Spread: 12 to 16 in. (30 to 41 cm)
Best choice for high-density production, with naturally dwarf habits AND strong lateral branching to create a fuller, more colorful plant that is easier to grow. Easy programming – schedule like an annual for Summer sales. Thrives in hot, dry conditions. Continuous flowering spikes resist lodging.
• Red
• Violet

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
**PENTAS**

*P. lanceolata* (Star Cluster)

**Crop Time:** Packs, 15 to 17 weeks

**BeeBright Series**

*Height:* 10 to 12 in. (25 to 30 cm)

*Spread:* 12 to 14 in. (30 to 36 cm)

*Available as Ball Premier Line® seed.*

This compact and well-branched series works well in high-density 4-in. (10-cm) pots, quarts and gallons. Very uniform plants have a 3 to 5-day bloom window, and flower up to 7 days earlier than others of this type. Showing off its bright flowers continuously atop the plants, BeeBright attracts pollinators AND gardeners!

- **Lipstick**
- **Pink**
- **Red**
- **Violet**
- **White**
- **Mix** May contain most or all colors in the series.

**Butterfly™ F1 Series**

*Height:* 12 to 22 in. (30 to 56 cm)

*Spread:* 10 to 18 in. (25 to 46 cm)

*A PanAmerican Seed product.*

*Available as Ball Premier Line® seed.*

Hybrid vigor provides better stress tolerance than open-pollinated varieties. Butterfly flourishes in full sun with high heat/humidity, producing large, star-shaped flowers and umbels up to 3 in. (8 cm) across for big “drive-by” landscape color. Can be grown in both northern and southern gardens and containers. Attracts butterflies and hummingbirds. Good for gallons; also works in 4 to 5-in. (10 to 13-cm) pots and premium packs with PGRs.

- **Deep Pink**
- **Deep Rose**
- **Light Lavender**
- **Orchid**
- **Red**
- **White**
- **Mix** May contain most or all colors in the series.

**Glitterati F1 Series**

*Height:* 12 to 22 in. (30 to 56 cm)

*Spread:* 10 to 18 in. (25 to 46 cm)

*A PanAmerican Seed product.*

*Available as Ball Premier Line® seed.*

Shows off a truly new look for pentas, while still offering the heat and humidity performance this class is known for. Distinctive star pattern combines easily with other varieties, adding a unique component in Fourth of July and other warm/hot-season combinations. Finishes fast for speed to market, and follow-up blooming keeps the plants in full color and looking good all season.

- **Purple Star** US PAF
- **New Red Star** US PAF

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
Graffiti OG Red Velvet F1
Height: 12 to 14 in. (30 to 36 cm)
Spread: 24 in. (61 cm)
Available as Ball Premier Line® seed.
Early plants bloom freely and uniformly. Naturally well-branched; do not require growth regulators. Well-suited to 4 to 6-in. (10 to 15-cm) pots.

Graffiti 20/20 Series
Height: 12 in. (30 cm)
Spread: 24 in. (61 cm)
Available as Ball Premier Line® seed.
Extremely early and uniform series in the pack offers better plug growth and vigor, with dense flower clusters for maximum color at retail.
• Flirty Pink
• Fuchsia
• Lavender Pink
• Lazer Pink
• Ruby
• True Pink
• Ultra Violet
• White
• Mix May contain most or all colors in the series.

HoneyCluster Series
Height: 14 to 18 in. (36 to 46 cm)
Spread: 16 to 20 in. (41 to 51 cm)
Available as Ball Premier Line® seed.
Very uniform, well-branched intermediate pentas fill larger pots quickly and up to 5 days earlier than others of this type. Robust, easy-care landscape plants are very floriferous with continuous top flowering. Attractive to pollinators – bees love it! Well-suited to quarts, 6-in. (15-cm) pots, gallons and premium containers.
• Deep Rose
• Pink
• Red
• White
• Mix May contain most or all colors in the series.

Kaleidoscope Series
Height: 18 in. (46 cm)
Spread: 16 in. (41 cm)
Available as Ball Premier Line® seed.
Upright and early plants are vigorous performers for landscapes, baskets and mixed containers. Recommended for 6-in. (15-cm) or larger pot programs; little or no PGRs are needed.
• Appleblossom
• Carmine
• Deep Red
• Deep Rose
• Lilac
• Pink
PENTAS continued

**Lucky Star® F1 Series**

**Height:** 12 to 16 in. (30 to 41 cm)
**Spread:** 12 to 14 in. (30 to 36 cm)

*Available as Ball Premier Line® seed.*

**Stays in color...really!** With the fastest follow-up blooming of any pentas on the market and a 1-week bloom window, Lucky Star maintains a consistent show of non-stop color from retail through the end of the season. Follow-up blooms do not eclipse the prior flush, so plants stay compact, tight and ready for sale at retail with minimal work.

- **Dark Red**
- **Deep Pink**
- **Lavender**
- **Lipstick**
- **Pink**
- **Violet** Faster follow-up blooming and a darker color intensity than any other pentas on the market.
- **White**
- **Mix** Dark Red, Deep Pink, Lavender, Raspberry, Violet and White.

**New Look Series**

**Height:** 9 in. (23 cm)
**Spread:** 24 to 36 in. (61 to 91 cm)

*Available as Ball Premier Line® seed.*

Star-shaped, single flowers are produced all Summer.

- **Pink**
- **Red**
- **Rose**
- **Violet**
- **White**
- **Mix** May contain most or all colors in the series.

**Northern Lights Lavender**

**Height:** 20 to 22 in. (51 to 56 cm)
**Spread:** 18 in. (46 cm)

*Available as Ball Premier Line® seed.*

Versatile variety is good for both northern and southern markets – tolerates cooler growing temperatures and low pH levels, while also performing well in hot settings. Soft lavender blooms over darker green leaves than other pentas.

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
**ORNAMENTAL PEPPER POTTED PLANT**

**Ball Seed is working hard to make sure the seed you receive has been tested for seedborne diseases.** All Kale, Flowering Kale, Pepper, Ornamental Pepper and Tomato seed is tested according to the International Seed Health Initiative (ISHI) guidelines.

### Sedona Sun
- **Height:** 9 to 12 in. (23 to 30 cm)
- **Spread:** 14 to 16 in. (36 to 41 cm)
- **A PanAmerican Seed product.**
- Perfect for Fall sales in 8-in. (20-cm), gallon and mum pot programs. Shows off a brilliant, multicolor display with masses of distinctive lemon yellow and carrot orange fruit. Indeterminate plants grow uniformly in seasonal landscapes. NOTE: Fruit is hot.

### Acapulco™ Series
- **Acapulco Multicolor**
- **Height:** 10 to 12 in. (25 to 30 cm)
- **Spread:** 14 to 16 in. (36 to 41 cm)
- **A PanAmerican Seed product.**
- Tapered, 0.5 by 1.75 in. (1.5 by 4-cm) peppers top the plants. Well-suited to 4.25 to 5-in. (11 to 13-cm) pots, up to 6.5 to 8-in. (17 to 20-cm) pots with 3 plants per pot.
  - **Multicolor**
    - Orange
    - Purple
    - Red
    - Yellow

### Black Pearl
- **Height:** 14 to 18 in. (36 to 46 cm); may grow up to 3 ft. (91 cm) or taller in warmer areas with longer growing seasons
- **Spread:** 12 to 16 in. (30 to 41 cm)
- **A PanAmerican Seed product.**
- The first black-leafed ornamental pepper on the market. Heat, humidity and drought-loving. The bushy, upright and well-branched plants produce rounded, shiny black fruit that matures to dark red with a very spicy taste. Use in 4-in. (10-cm) to gallon programs. All-America Selections National Winner. PVP 200500020

### Calico F₁
- **Height:** 10 to 12 in. (25 to 30 cm)
- **Spread:** 14 to 16 in. (36 to 41 cm)
- **A PanAmerican Seed product.**
- Well-branched plants produce high-appeal variegated foliage of purple, cream and green. Compact, mounded plants are extremely heat tolerant. Best in 4-in. (10-cm) to gallon programs. NOTE: Fruit is very spicy.

### Midnight Fire
- **Height:** 9 to 12 in. (23 to 30 cm)
- **Spread:** 14 to 16 in. (36 to 41 cm)
- **A PanAmerican Seed product.**
- Well-branched plants are perfect for stunning Fall combination planters and large container programs at retail. Best in 6 and 8-in. (15 and 20-cm) pots, gallons and Mum Pals programs.

### Onyx Red
- **Height:** 6 to 12 in. (15 to 30 cm)
- **Spread:** 6 to 8 in. (15 to 20 cm)
- Produces round, shiny red fruit that starts purple/black and matures to red. Perfect for beds, borders, mixed containers, potted plant programs and dramatic mass plantings. All-America Selections National Award Winner.

### Purple Flash
- **Height:** 13 to 15 in. (33 to 38 cm)
- **Spread:** 16 to 18 in. (41 to 46 cm)
- **A PanAmerican Seed product.**
- Striking flashes of bright purple foliage among the almost-black leaves contrast with small, glossy and black, hot-to-the-taste fruit. Very heat-tolerant plants are perfect for mixed containers and in-ground plantings. Good for 4-in. (10-cm) pots to gallons.

### Sangria F₁
- **Height:** 10 to 12 in. (25 to 30 cm)
- **Spread:** 16 to 18 in. (41 to 46 cm)
- **A PanAmerican Seed product.**
- Produces a continuous display of both purple and red peppers. Child-safe, non-pungent variety is ideal for indoor/outdoor use in both public and residential areas. Good for 4-in. (10-cm) to gallon programs. US 7,393,995 and 7,696,416

### Chilly Chili F₁
- **Height:** 9 to 10 in. (23 to 25 cm)
- **Spread:** 13 to 14 in. (33 to 36 cm)
- **A PanAmerican Seed product.**
- Produces "non-pungent" fruit. The 2 to 2.5-in. (5 to 6-cm), blunt-nosed peppers mature from greenish-yellow to orange to dark red. Best in 4 to 6-in. (10 to 15-cm) pots. All-America Selections National Winner. US 7,087,819 and 7,393,995

### Blaze
- **Height:** 4 to 8 in. (10 to 20 cm)
- **Spread:** 4 to 8 in. (10 to 20 cm)
- **A PanAmerican Seed product.**
- Distinctive, large fruit in Fall tones – peppers start yellow and mature to red. NOTE: Fruit has medium heat.

### Chilly Chili F₁
- **Height:** 9 to 10 in. (23 to 25 cm)
- **Spread:** 13 to 14 in. (33 to 36 cm)
- **A PanAmerican Seed product.**
- Produces "non-pungent" fruit. The 2 to 2.5-in. (5 to 6-cm), blunt-nosed peppers mature from greenish-yellow to orange to dark red. Best in 4 to 6-in. (10 to 15-cm) pots. All-America Selections National Winner. US 7,087,819 and 7,393,995

### Coba
- **Height:** 6 in. (15 cm)
- **Spread:** 6 in. (15 cm)
- **A PanAmerican Seed product.**
- Black to red fruit are 0.75 x 1 in. (2 x 3 cm). Good in 4.25 to 5-in. (11 to 13-cm) pots.

### Conga
- **Height:** 4 to 6 in. (10 to 15 cm)
- **Spread:** 5 to 8 in. (13 to 20 cm)
- **A PanAmerican Seed product.**
- Dark purple foliage is topped by fruit that emerges purple and matures to deep orange – peppers are attractive enough at the early purple stage that plants are saleable up to 2 weeks earlier than others. Habit is between Mambo and Salsa series.

### Cupala
- **Height:** 5 in. (13 cm)
- **Spread:** 5 in. (13 cm)
- **A PanAmerican Seed product.**
- Lime to red fruit are 0.3 x 2.75 in. (1 x 7 cm). Suited to 4 to 4.5-in. (10 to 12-cm) pots.
ORNAMENTAL PEPPERS continued

Harlequin

Height: 8 in. (20 cm)
Spread: 6 to 8 in. (15 to 20 cm)

A PanAmerican Seed product.

Multicolor fruit are 0.5 x 0.75 in. (1.5 x 2.5 cm). Works well in 4.5 to 6-in. (11 to 15-cm) pots.

Hot Pops Series

Height: 4 to 5 in. (10 to 13 cm)
Spread: 6 to 8 in. (15 to 20 cm)

A PanAmerican Seed product.

Compact, heavily branched plants are best-suited to 4 to 8-in. (10 to 20-cm) pots for mixed container, color bowl and mum programs.

• Purple Fruit is very hot. US 9,301,465
• Yellow Fruit is medium hot. Sow 1 week earlier to time finish with purple. US 9,307,712

Joker

Height: 5 in. (13 cm)
Spread: 5 in. (13 cm)

A PanAmerican Seed product.

Red fruit are 0.3 x 1.5 in. (1 x 4 cm). Good in 2.75 to 4.5-in. (7 to 11-cm) pots.

Mambo Series

Height: 4 to 6 in. (10 to 15 cm)
Spread: 10 to 12 in. (25 to 30 cm)

Dark green-leafed Mambo produces colorful, long-lasting, pointed fruit held centrally above the compact, very well-branched plants.

• Orange
• Purple Orange
• Purple Red
• Red
• Yellow
• Yellow Red

Masquerade

Height: 10 to 12 in. (25 to 30 cm)
Spread: 8 to 10 in. (20 to 25 cm)

A PanAmerican Seed product.

Very early variety produces fruit that matures from purple to yellow to red.

Medusa

Height: 6 to 8 in. (15 to 20 cm)
Spread: 4 to 6 in. (10 to 15 cm)

A PanAmerican Seed product.

Very prolific, with 40 to 50 fruits per plant. Naturally compact and well-branched; good for 4-in. (10-cm) pots with no PGRs needed. US 7,087,819 and 7,393,995; PVP 200000140

Paracho

Height: 4.5 in. (12 cm)
Spread: 6 to 8 in. (15 to 20 cm)

A PanAmerican Seed product.

Black to bronze fruit are 0.3 x 1.5 in. (1 x 4 cm). Best for 4 to 5-in. (10 to 13-cm) pots.

Red Missile

Height: 8 to 10 in. (20 to 25 cm)
Spread: 6 to 8 in. (15 to 20 cm)

A PanAmerican Seed product.

Tapered cream-to-red fruit on early, compact plants.

Salsa XP Series

Height: 4 in. (10 cm)
Spread: 6 in. (15 cm)

Well-branched miniature series produces dwarf and compact plants with many bright, 1 by 0.5-in. (2.5 by 1-cm) fruits.

• Dark Orange
• Purple
• Red
• Yellow
• Yellow Red
• Mix May contain most or all colors in the series.

Samba Series

Height: 6 in. (15 cm)
Spread: 6 in. (15 cm)

A PanAmerican Seed product.

Produces 0.75 x 1.5-in. (2.5 x 4-cm) fruit. Best-suited to 4 to 5-in. (10 to 13-cm) pots.

• Dark Orange
• Orange
• Red
• Yellow
• Mix May contain most or all colors in the series.

Samba XL Series

Height: 4.5 to 6 in. (11 to 15 cm)
Spread: 6 in. (15 cm)

A PanAmerican Seed product.

Bears larger fruit than standard Samba – 1 x 2 in. (3 x 5 cm). Best-suited to 4 to 5-in. (10 to 13-cm) pots.

• Dark Orange
• Orange
• Yellow

Santos Series

Height: 6 in. (15 cm)
Spread: 6 in. (15 cm)

A PanAmerican Seed product.

Produces 0.3 x 2-in. (1 x 5-cm) fruit. Works well in 4 to 4.5-in. (10 to 11-cm) programs, or 3 ppp in 6.5 to 7.5-in. (17 to 19-cm) pots.

• Flare
• Orange
• Yellow

Treasures Red

Height: 5 in. (13 cm)
White to red fruit.

Wicked

Height: 6 to 8 in. (15 to 20 cm)
Spread: 5 to 7 in. (13 to 18 cm)

A PanAmerican Seed product.

Compact, determinate plants show extra-large fruit that starts purple, matures to red. Sell at first color or with a few fruit changing to red. NOTE: Fruit has mild heat.

Zamora Series

Height: 6 in. (15 cm)
Spread: 6 in. (15 cm)

A PanAmerican Seed product.

Produces 0.5 x 1.5-in. (1.5 x 4-cm) fruit. Good in 4 to 4.5-in. (10 to 11-cm) pots.

• Orange
• Red
• Yellow
### petunias

**Wave® Brand (p86-91)**
- Easy Wave® Series
- Tidal Wave® Series
- Shock Wave® Series
- Wave® Series

**Spreading/Trailing (p92)**
- Combo Blue Series
- Skybox Rose Star Series
- New FotoFinish Series
- Success Series
- Opera Supreme Series
- Trilogy Series

**Compact Growth (p93-96)**
- Pretty Flora™ Series
- Ez Rider® Series
- Presto Series
- Limbo GP Series
- Mambo GP Series
- Espresso Frappe Series
- Duvet Series
- Damask Series
- Success 360° Series
- Success HD Series
- Supercascade Series
- TriTunia Series

**Single Grandiflora (p96-99)**
- Ball Picotee Mix Series
- Daddy® Series
- Dreams™ Series
- Frost Series
- Hulahoop Series
- Prism Sunshine Series
- Sophistica® Series
- Success 360° Series
- Success HD Series
- Supercascade Series
- TriTunia Series

**Double Grandiflora (p100)**
- Double Cascade Series
- Glorious Mix Series
- Pirouette Series

**Single Multiflora (p101)**
- Carpet Series
- Debonair™ Collection
- Evening Scentsation Series
- Hurrah Series

**Single Floribunda (p102)**
- Madness® Series

**Double Floribunda (p103)**
- Double Madness™ Series

**Milliflora (p103)**
- New FlashForward Series
- Picobella Series
After 25 years of inspiring growers and gardeners alike, Wave petunia continues to evolve, with new colors, new series, new programs and new promos, all while providing easy spreading color in home gardens around the globe. That’s what has made Wave the brand known, bought and trusted by name.

Wave includes 4 petunia series, 1 pansy series and over 60 colors and mixes. Known for its wide selection of colors and versatility in gardens, baskets and containers, Wave offers the variety home gardeners demand.
Shock Wave® Series
- Denim
- Coral Crush
- Rose
- Pink Shades
- Pink Vein
- Deep Purple
- Red
- New Purple Tie Dye
- Spark Mix
- Volt Mix

Easy Wave® Series
- Blue
- Neon Rose
- Violet
- Plum Vein
- Burgundy Velour
- Red Velour
- Berry Velour
- Burgundy Star
- Red
- Rosy Dawn
- Pink Passion
- Coral Reef
- Lavender Sky Blue
- Pink
- Silver
- Yellow
- White
- New Rose Fusion
- New Beachcomber Mix Improved
- Formula Mix
- Great Lakes Mix
- Opposites Attract Mix
- Plum Pudding Mix
- South Beach Mix
- Starfish Mix
- The Flag Mix

Wave® Series
- Carmine Velour
- Purple
- Purple Classic
- Lavender
- Pink
- Misty Lilac

Tidal Wave® Series
- Red Velour
- Purple
- Cherry
- Hot Pink
- Silver

Big Brand Support
Wave POP makes it even easier to sell this popular branded petunia.
FREE 19x38-in. (48x97-cm) Poster
FREE 11x7-in. (28x18-cm) Benchcards
Tags from your preferred supplier.
WAVE® PETUNIAS

WAVE BRAND SPREADING PETUNIA
P. x hybrida

Fuseables® Ooh La La
Fuseables Rise N Shine

These Fuseables single-species Precision Multi-Pellets contain Wave petunia varieties. See page 69 for more on Fuseables.

Shock Wave® Series
The best for baskets!

Height: 7 to 10 in. (18 to 25 cm)
Spread: 2.5 to 3 ft. (76 to 91 cm)
Flower size: 1.5 to 2 in. (4 to 5 cm)

A PanAmerican Seed product.
Part of the Wave® Petunia Family – the most-asked-for-plant brand ever. Available as Ball Premier Line® seed.

Shock Wave delivers the best reboundability and is the earliest to flower of any spreading petunias. Plants bloom in a tight and consistent 4 to 6-day window, and combine fast flowering with strong branching to deliver the quickest fill in baskets. Ideal for early-season sales, Shock Wave performs equally well in small spaces, hanging baskets, containers and mixed combos, producing a mounded, spreading plant that is similar in shape and just as easy to manage as Easy Wave.

- Coral Crush: Shimmering coral with yellow throat; retains color well in high light. Timing is similar to Pink Vein.
- Deep Purple
- Denim
- Pink Shades
- Pink Vein
- New Purple Tie Dye: Pattern changes based on temperature, light levels and PGRs used; daminozide use will result in more white showing on the blooms. 10.5-hour daylength required.
- Red
- Rose
- Spark Mix: Coconut, Denim and Pink Shades.
- Volt Mix: Red, Coconut and Denim.

See page 87 for variety photos.

Recommended Shock Wave packaging:
4-in. (10-cm) pots
Premium quarts
306 premium pack with handle
Hanging baskets
Easy Wave® Series
Perfect for planters and gardens!
Height: 6 to 12 in. (15 to 30 cm)
Spread: 2.5 to 3.25 ft. (76 cm to 1 m)
Flower size: 2 to 3 in. (5 to 8 cm)
A PanAmerican Seed product.
Part of the Wave® Petunia Family — the most-asked-for-plant brand ever.
Available as Ball Premier Line® seed.
Exceptional uniformity and well-matched habit plus the widest color range make Easy Wave the easiest to produce and most versatile of all large-flowered spreading petunias! An excellent choice for landscapes, gardens, baskets and containers, these easy-to-flower, high-impact plants have minimal maintenance requirements. More mounded with a more controlled spreading habit than low-growing Wave varieties. Grower-friendly series is easier to flower under shorter days, making it well-suited to early-season sales.

- Berry Velour Rosy red color in cool night/low light conditions. Color warms up with orange undertones in warmer/high light conditions. Flower timing like Blue, plant structure like Neon Rose. US 7,642,436
- Blue Dark blue, some light blue shading.
- Burgundy Star Rich burgundy and white pattern is consistent with standard star petunias — some flowers may be more solid or more white.
- Burgundy Velour Deep cabernet with velvet undertones; deeper color at throat. Flower timing like Neon Rose. Most vigorous of the three Velour colors. US 7,642,436
- Coral Reef
- Lavender Sky Blue
- Neon Rose Color holds in high light and heat.
- Pink
- Pink Passion 8 to 10 days earlier than Pink in Spring natural daylength conditions. Habit is like Neon Rose.
- Plum Vein Slightly more upright than others in the series.
- Red
- Red Velour True blood red color. Flower timing like Plum Vein. More spreading than the other Velour colors. US 7,642,436
- New Rose Fusion
- Rosy Dawn Large flowers open deep rose with wide cream throat, then mature to coral-pink with morn pattern.
- Silver
- Violet
- White
- Yellow
- New Beachcomber Mix Improved Blue, Coral Reef, Pink Passion.
- Formula Mix Violet, Red, Blue, White, Pink Passion, Neon Rose, Silver.
- Great Lakes Mix Violet, Blue, White.
- Plum Pudding Mix Violet, Plum Vein.
- South Beach Mix Violet, Red, Coral Reef.
- Starfish Mix Burgundy Star and White.
- The Flag Mix Red, White, Blue.

Recommended Easy Wave packaging:
- 6-in. (15-cm) pots
- Premium quarts & gallons
- 306 premium packs with handle
- Hanging baskets

See page 87 for variety photos.
Tidal Wave® Series

Super-size color for big spaces!

Height: 16 to 22 in. (41 to 56 cm)
Spread: 2.5 to 5 ft. (76 cm to 1.5 m)
Flower size: 2 to 2.5 in. (5 to 6 cm)

A PanAmerican Seed product.

Part of the Wave® Petunia Family – the most-asked-for-plant brand ever.

Available as Ball Premier Line® seed.

The largest of the Wave petunia family, Tidal Wave varieties create a very full, shrublike plant that is ideal for landscapes and large containers. The growth habit is based on how closely the plants are spaced in the garden – the closer the spacing, the taller the plants. When spaced a minimum of 12 in. (30 cm) apart, plants form a dense, mounded hedge. Grown in a restricted space with support, they will grow an extra 2 to 3 ft. (61 to 91 cm) upward, like a vine. When given plenty of space, these petunias make a floriferous groundcover. Excellent Botrytis tolerance and quick recovery from rain.

- Cherry
- Hot Pink
- Purple
- Red Velour Velvety color is available in a large-format plant. All-America Selections National Winner. US 7,543,436.
- Silver Denser, slightly more mounded habit than Cherry or Hot Pink; flowers slightly later. All-America Selections National Winner.

See page 87 for variety photos.

Detailed culture for Easy Wave, Wave, Shock Wave and Tidal Wave petunias, as well as many other products, is available at ballseed.com, or contact your Ball Seed sales rep or the Technical Services team at 800 879-BALL.

Recommended Tidal Wave packaging:

- 8-in. (20-cm) pots
- Hanging baskets
Wave® Series
Makes a carpet of color!
Height: 5 to 7 in. (13 to 18 cm)
Spread: 3 to 4 ft. (91 cm to 1.2 m)
Flower Size: 2 to 2.5 in. (5 to 6 cm)
A PanAmerican Seed product.
Part of the Wave® Petunia Family – the most-asked-for-plant brand ever.
Available as Ball Premier Line® seed.
The Authentic Trailing Petunia™, Wave is one of the most successful plant brands ever introduced and has set the highest standard for petunia landscape performance. The spectacular low-growing, spreading habit makes this award-winning series ideal for landscapes and garden beds, as well as baskets and large color bowls. Masses of flowers form along the entire length of each branch. Unlike standard petunias, the flowers continue to bloom freely all season without being trimmed back. Wave petunias are more Botrytis-tolerant than most petunias, and stand up well to both heat and cooler conditions.

- **Carmine Velour** All-America Selections National Winner.
- **Lavender** All-America Selections National Winner.
- **Misty Lilac** Largest blooms, extremely free-flowering. Light lavender flowers fade to pale lavender or white. Under high light or with PGRs, appealing white “splashes” appear on the blooms.
- **Pink**
- **Purple** Begins to flower at 11 hours, and is 12 to 14 days earlier than Purple Classic. Larger flower size, with flowering in the plant center for a fuller look. Same color as Purple Classic.
- **Purple Classic** The original Wave petunia. All-America Selections Classic variety.

See page 87 for variety photos.

Grown and treated for an exceptionally fast finish, pre-lit Wave plugs can send your plants to retail as soon as 4 weeks. Check availability and book your easy-to-grow plugs in a wide range of sizes immediately at ballseed.com.

Recommended Wave packaging:
6-in. (15-cm) pots
Premium gallons
Hanging baskets
SPREADING/TRAILING PETUNIA

P. x hybrida

**Combo Blue**

*Height:* 6 to 12 in. (15 to 30 cm)
*Spread:* 2.5 to 3.25 ft. (76 cm to 1 m)

A PanAmerican Seed product.

Available as Ball Premier Line® seed.

Chosen specifically by PanAmerican Seed for its habit and performance as a combination component, especially in their Plug & Play® combos. Large, 2 to 3-in. (5 to 8-cm), velvety deep blue flowers on a mounding, well-branched plant.

**New FotoFinish Series**

*Height:* 10 to 14 in. (25 to 36 cm)
*Spread:* 24 to 36 in. (61 to 91 cm)

Available as Ball Premier Line® seed.

Extremely uniform spreading petunia series with perfectly matched plant habits and flower timing.

- Blue
- Burgundy
- Pink
- Red
- Rose Morn
- Rose Star
- Salmon
- White
- Mix
- Patriot Mix

**Opera Supreme Series**

*Height:* 4 to 8 in. (10 to 20 cm)
*Spread:* 30 to 40 in. (76 cm to 1 m)

Available as Ball Premier Line® seed.

Low-growing with bright, lustrous 2-in. (5-cm) blooms over the plant all season. Less daylength sensitivity than others of this type. Well-suited to landscapes, large containers and baskets.

- Pink Morn
- Raspberry Ice

**Skybox Rose Star**

*Height:* 10 to 14 in. (25 to 36 cm)
*Spread:* 24 to 28 in. (61 to 71 cm)
*Flower size:* 3 in. (8 cm)

Available as Ball Premier Line® seed.

New class of large-flowered spreading petunias for high-impact pots and hanging baskets reliably targets early season sales with extra early flowering, even under short days, on a tidy and easy to manage plant habit.

**Success Series**

*Height:* 12 to 14 in. (30 to 36 cm)
*Spread:* 32 to 34 in. (81 to 86 cm)
*Flower Size:* 3 in. (8 cm)

Available as Ball Premier Line® seed.

Trailing series delivers earliness, uniformity and daylength neutrality. Plants flower 7 days earlier than the competition, with all colors flowering in a 6-day window. The round, mounded plants are excellent garden performers, and put on beautiful shows in containers and baskets, too.

- Blue
- Burgundy
- Coral
- Pink
- Pink Chiffon
- Red
- Rose
- Salmon
- Silver Vein
- Violet
- White
- Yellow Chiffon
- Liberty Mix White, Red and Blue.
- Maxi Mix Includes all colors.
- Twilight Mix White, Pink, Burgundy and Blue.

**Trilogy Series**

*Height:* 12 to 15 in. (30 to 38 cm)
*Spread:* 30 to 36 in. (76 to 91 cm)
*Flower size:* 2.5 to 3 in. (6 to 8 cm)

Available as Ball Premier Line® seed.

Multiflora series produces abundant blooms on a compact plant with novel, tightly domed shape. Long shelf life. PGRs are not required, but Trilogy will fit into any PGR program. Less sensitive to daylength than other spreading petunias.

- Blue
- Lavender Pink
- Lime
- New Pink Lips
- Purple
- Purple Vein
- Rose
- Rouge
- Salmon Morn
- Scarlet
- White
- Custom Mix Blue, Lavender Pink, Purple, Scarlet, Rose, Salmon Morn and White.
- July Mix Blue, Scarlet and White.

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
COMPACT GROWTH PETUNIA

PETUNIA

P x hybrida

Crop Time: Packs, 14 to 16 weeks, except where noted.

Fuseables®

Blueberry Lime Jam

Fuseables Lime Coral

Fuseables Ooh La La

Fuseables Pleasantly Blue

Fuseables Rise N Shine

Fuseables single-species Precision Multi-Pellets contain novelty and standard petunia varieties. See page 69 for more on Fuseables.

COMPACT GROWTH PETUNIA

Crop Time: Packs – Summer: 8 to 10 weeks, Spring: 9 to 11 weeks; 10-in. (25-cm) – Summer: 8 to 11 weeks, Spring: 10 to 13 weeks

Pretty Collection

Controlled habits assure tidier baskets than traditional petunias, and plants hold together and don’t lodge later in the season as standard varieties can.

Pretty Grand and Pretty Flora controlled growth petunias solve the seasonal, geographic and control challenges of traditional petunias. Fewer to no PGRs are needed, and both series are suitable for cold-growing. The tight bloom window across every color assures that same-time shipping is a snap. Better branching with improved airflow versus other compact petunias means less chance of disease, especially Botrytis. Available in the top-selling colors that make up 75% of petunia sales – these are the colors that sell. Perfect for high-density production and “promo” baskets.

PETUNIA™ Series

Height: 7 to 10 in. (18 to 25 cm)

Spread: 2.75 to 3 in. (7 to 8 cm)

A Ball Ingenuity product, available exclusively through Ball Seed. Available as Ball Premier Line® seed.

• Coral
• Midnight
• Pink
• Pink Pearl Holds its soft, shimmery color in high light/warm night conditions. Times like Red.
• Purple
• Red
• Rose Times like Pink and Purple.
• White
• Flag Mix Midnight, Red, White.
• Formula Mix

Pretty Grand™ Series

Height: 6 to 10 in. (15 to 25 cm)

Spread: 8 to 12 in. (20 to 30 cm)

Flower size: 3.25 to 3.5 in. (8 to 9 cm)

A Ball Ingenuity product, available exclusively through Ball Seed. Available as Ball Premier Line® seed.

• Blue Sky
• Coral
• Deep Pink Darker color than traditional pink petunias.
• Midnight Velvet blue.
• Purple
• Red
• Rose
• Summer Salmon with red veins.
• Violet
• White Clean white; dark foliage.
• Flag Mix Midnight, Red, White.
• Formula Mix

Available at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
**COMPACT GROWTH PETUNIA**

**Damask Series**
- Height: 8 to 11 in. (20 to 28 cm)
- Spread: 12 to 14 in. (30 to 36 cm)
- Flower size: 2.5 to 3 in. (6 to 8 cm)

Available as Ball Premier Line® seed.

Uniform, genetically compact multiflora series needs little to no PGRs – suited to high-density programs. Vigorous plants fill in fast.

- **Blue**
- **Carmine**
- **Pink**
- **Purple**
- **Red**
- **Rose**
- **Salmon**
- **Violet**

- **New White Improved** Slightly later flowering to match the series.
- **Mix** May contain most or all colors in the series.

**Duvet Series**
- Height: 6 to 8 in. (15 to 20 cm)
- Spread: 12 to 14 in. (30 to 36 cm)
- Flower size: 3 in. (8 cm)

Available as Ball Premier Line® seed.

Big grandiflora flowers top this uniform flowering, genetically compact series with extended holding ability. Excellent vigor makes mounds of color in the garden. Ideal for high-density production in small pots and packs.

- **Blue**
- **Burgundy**
- **Pink**
- **Red**
- **Salmon**
- **White**
- **Mix** May contain most or all colors in the series.

**Espresso Frappe Series**
- Height: 10 to 12 in. (25 to 30 cm)
- Spread: 10 to 12 in. (25 to 30 cm)
- Flower size: 4 in. (10 cm)

Available as Ball Premier Line® seed.

Frilly edged flowers are produced on plants that are compact in the pack or pot, but deliver good vigor in the garden. Blooms are held on short stems just above the foliage.

- **Blue**
- **Carmine**
- **Pink**
- **Purple**
- **Red**
- **Salmon**
- **White**
- **Mix** May contain most or all colors in the series.

**Ez Rider® Series**
- Height: 6 to 10 in. (15 to 25 cm)
- Spread: 8 to 12 in. (20 to 30 cm)
- Flower size: 3.25 to 3.5 in. (8 to 9 cm)

A PanAmerican Seed product.

Genetically shorter, more controlled series needs fewer PGRs on the bench, and plants hold better at retail with less chance of disease and less dump. The tight bloom window means all varieties ship and sell together. Versatile series works well in beds and containers, delivering lasting garden performance.

- **Blue**
- **Deep Pink** In low light, color is similar to Rose; in higher light, color is lighter than Rose.
- **Deep Salmon** White throat; darker color than traditional salmon petunias.
- **Red**
- **Rose** In low light, color is similar to Deep Pink; in higher light, color is lighter than Deep Pink.
- **White** Clean white with slightly ruffled margin.
- **Mix** May contain most or all colors in the series.

**Order all the products in this catalog using WebTrack®.**
COMPACT GROWTH PETUNIA

Limbo GP Series

Height: 5 to 8 in. (13 to 20 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Flower size: 4 to 5 in. (10 to 13 cm)
Available as Ball Premier Line® seed.

Next generation of the Limbo series offers greater performance (GP) from grower to consumer. Naturally compact, stretch-resistant plants have bright blooms. Low-growing plants are a good choice for beds and containers.

- Blue
  - New Blue Picotee
  - Blue Veined
  - Burgundy
  - Burgundy Picotee
  - Deep Purple
  - Mid-Blue
  - Orchid Veined
  - Peach
- Pink Morn
- Plum
- Red
- Red Picotee
- Red Veined
- Rose
- Rose Morn
- Rose Picotee
- Rose Veined
- Salmon
- Salmon Morn
- New Sky Blue Improved Offers better germination results and a plant habit that matches the series.
- Sweet Pink
- Violet
- Violet Picotee
- White
- Grower Mix Includes Blue, Burgundy, Red, Rose, Rose Morn, Rose Veined, Salmon and White.
- Mix May contain most or all colors in the series.
- Picotee Mix Contains the Picotee varieties in the series.

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
COMPACT GROWTH & SINGLE GRANDIFLORA PETUNIA

Mambo GP Series

Height: 5 to 8 in. (13 to 20 cm)
Spread: 16 to 20 in. (41 to 51 cm)
Flower size: 3 to 4 in. (8 to 10 cm)
Available as Ball Premier Line® seed.
Next generation of the Mambo series offers greater performance (GP) from grower to consumer. Early, dwarf plants do not need PGRs. Compact, non-stretching plants produce blooms larger than typical multifloras. Good weather resistance.

• New Blue Improved Offers better germination results and a plant habit that matches the series.
• Blue Veined
• Burgundy
• Deep Purple
• Mid-Blue
• Orchid Vein
• Peach
• Pink
• Pink Morn
• Plum
• Purple
• Red
• Red Morn
• Red Veined
• Rose
• Rose Morn
• Rose Vein
• Salmon
• Sky Blue
• Sweet Pink
• Violet
• White
• Grower Mix Includes Blue, Burgundy, Pink, Red, Red Morn, Rose, Rose Veined, Salmon and White.
• Mix May contain most or all colors in the series.

SINGLE GRANDIFLORA PETUNIA

Ball Picotee Mix

Height: 10 to 15 in. (25 to 38 cm)
Spread: 10 to 12 in. (25 to 30 cm)
A Ball Ingenuity product, available exclusively through Ball Seed.
Available as Ball Premier Line® seed.
A shopper stopper – white edges contrast with big, bold color on every huge flower. Includes picotee blooms in burgundy, red, rose and blue.

Daddy® Series

Height: 10 to 15 in. (25 to 38 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Flower size: 4 in. (10 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Early and dependable with veined grandiflora blooms.
• Blue
• Orchid All-America Selections National Winner
• Peppermint
• Pink
• Red
• Sugar Light orchid; deep purple veins.
• Mix May contain most or all colors in the series.

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
**Frost Series**
- **Height:** 12 to 14 in. (30 to 36 cm)
- **Spread:** 14 to 16 in. (36 to 41 cm)
- **Flower size:** 3 in. (8 cm)
- **Available as Ball Premier Line® seed.**
- Blooms feature pure white edging.
  - **Blue**
  - **Cherry**
  - **Fire**
  - **Velvet**
  - **Mix**
  - May contain most or all colors in the series.

**Hulahoop Series**
- **Height:** 8 to 10 in. (20 to 25 cm)
- **Spread:** 16 in. (41 cm)
- **Flower size:** 3 in. (8 cm)
- **Available as Ball Premier Line® seed.**
- Early bicolor series has flowers with white edging.
  - **Blue**
  - **Burgundy**
  - **Red**
  - **Rose**
  - **Velvet**
  - **Mix**
  - May contain most or all colors in the series.

**Dreams™ Series**
- **Height:** 10 to 15 in. (25 to 38 cm)
- **Spread:** 10 to 12 in. (25 to 30 cm)
- **Flower size:** 3.25 to 3.5 in. (8 to 9 cm)
- **A PanAmerican Seed product.**
- **Available as Ball Premier Line® seed.**
- Free-flowering, tightly branched petunias deliver matched performance and matched Spring flowering window across the series. High Ball Vigor Index ratings ensure excellent seed quality on all varieties including picotees. Dreams picotee colors have a more stable pattern than other picotee varieties. Weather-tolerant plants are ideal for retail sales.
  - **Appleblossom**
  - **Burgundy**
  - **Burgundy Picotee**
  - **Midnight**
  - **Neon Rose**
  - **Pink**
  - **Red**
  - **Red Picotee**
  - **Rose**
  - **Rose Morn**
  - **Rose Picotee**
  - **Salmon**
  - **Sky Blue**
  - **White**
  - **Mix**
  - May contain most or all colors in the series.
  - **Patriot Mix** Red, White and Midnight.
  - **Waterfall Mix** Midnight, White and Sky Blue.

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
SINGLE GRANDIFLORA PETUNIA

Prism Sunshine

Height: 12 to 15 in. (30 to 38 cm)
Spread: 16 to 18 in. (41 to 46 cm)
Flower size: Flower Size: 4 in. (10 cm)
Available as Ball Premier Line® seed.
The best-performing yellow grandiflora. Early with a compact, uniform habit.
All-America Selections National Winner.

Sophistica® Collection

Height: 10 to 15 in. (25 to 38 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Flower size: 3.5 in. (9 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
An abundance of grandiflora blooms in eye-catching designer colors highlight mounded, upright plants that are well-matched for flower timing to make scheduling and shipping easier. Ideal for premium pots and larger containers.
• Antique Shades Antique rose color with yellow throat. US 7,642,436
• Blackberry Shimmering black with some reddish-purple undertones; yellow breaks may appear under cold growing regimes combined with B-Nine. US 7,642,436
• Blue Morn Blue margin with silver-white throat.
• Lime Bicolor Unique flower color changes based on light, heat and age of flowers. US 7,642,436
• Lime Green Yellow with underlying lime tone is a very solid, saturated color with no veining or fading like traditional yellow petunias. US 7,642,436
• Twilight Large flowers have a smoky mauve top and green underside. US 7,642,436

Success 360° Series

Height: 13 in. (33 cm)
Spread: 14 to 16 in. (36 to 40 cm)
Flower size: 3 in. (8 cm)
Available as Ball Premier Line® pelleted seed.
Versatile grandiflora series is lush and uniform in packs; looks great from 360°!
• Blue
• Burgundy
• Burgundy Vein
• Deep Pink
• Deep Rose
• Light Yellow
• Purple
• Purple Vein
• Red
• Red Star
• Rose Star
• Salmon Vein
• White
• Maxi Mix May contain most or all colors in the series.

Sophistica Antique Shades

Sophistica Lime Bicolor

Sophistica Twilight, Lime Green & Blackberry (Varieties sold separately)

Success 360° Light Yellow

Success 360° Blue

Success 360° Red Star

Success 360° Burgundy Vein

Sophistica Antique Shades

Success 360° Blue

Success 360° Red Star

Success 360° Burgundy Vein

Sophistica Antique Shades

Success 360° Blue

Success 360° Red Star

Success 360° Light Yellow

Personas Potted Plant Collection

Height: 18 to 24 in. (46 to 61 cm)
Spread: 16 to 20 in. (41 to 51 cm)
Flower size: Flower Size: 4 in. (10 cm)
Available as Ball Premier Line® seed.
The best-performing pink grandiflora. Early with a compact, uniform habit.
All-America Selections National Winner.
TriTunia Salmon
TriTunia Fresh White Petunia
TriTunia Purple Petunia

Success HD Salmon Morn
Success HD Rose Star

Supercascade Mix
TriTunia Crimson Star

Success HD Series
Height: 13 in. (33 cm)
Spread: 12 in. (30 cm)
Flower size: 3 in. (8 cm)
Available as Ball Premier Line® seed.
Genetically compact series has large, vivid flowers; perfect for high-density production.
• Blue
• Burgundy
• New Light Pink
• Pink
• Red
• Rose Star
• Salmon Morn
• White
• Maxi Mix May contain most or all colors in the series.

Supercascade Series
Height: 10 to 15 in. (25 to 38 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Flower size: 4 to 5 in. (10 to 13 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Well-branched, early.
• Blue
• Burgundy
• Lilac
• Pink
• Red
• Rose
• White
• Mix May contain most or all colors in the series.

TriTunia Series
Height: 10 to 12 in. (25 to 30 cm)
Spread: 12 to 14 in. (30 to 36 cm)
Flower size: 3 in. (8 cm)
Available as Ball Premier Line® seed.
Grandiflora series combines the best of Ultra, Bravo and Storm into one streamlined grouping for simplified ordering and production. Matched for uniformity in habit and flowering, with bright solid colors, crisp bicolors, and novelty veined and morn patterns.
• Blue
• Blue Star
• Blue Vein
• Burgundy
• Crimson Star
• Fresh White
• Lavender
• Pink
• Pink Morn
• Pink Vein
• Plum
• Purple
• Purple Star
• Red
• Red Star
• Rose
• Rose Star
• Salmon
• Salmon Vein
• Sky Blue
• Violet
• White
• Mix May contain most or all colors in the series.
• ProFormula Mix
• Star Mix
• Vein Mix

PETUNIA
Order at ballseed.com/webtrack or 800 879-BALL
DOUBLE GRANDIFLORA PETUNIA

Double Cascade Series
Height: 10 to 15 in. (25 to 38 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Flower size: 3 to 3.5 in. (8 to 9 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Early with excellent habit and good branching.
• Blue
• Burgundy
• Orchid Mist
• Pink
• Valentine
• Mix May contain most or all colors in the series.

Glorious Mix
Height: 10 to 15 in. (25 to 38 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Flower size: 3.5 to 4 in. (9 to 10 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Bright mix of solids and bicolors.

Pirouette Series
Height: 10 to 15 in. (25 to 38 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Flower size: 3.25 in. (8 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Large, ruffled, bicolor picotee flowers have a broad white edging.
• Purple All-America Selections National Winner.
• Red
• Rose
SINGLE MULTIFLORA PETUNIA

**Carpet Series**
- Height: 10 to 12 in. (25 to 30 cm)
- Spread: 10 to 15 in. (25 to 38 cm)
- **A PanAmerican Seed product.**
- **Available as Ball Premier Line® seed.**
- Compact, basal-branching petunias produce early blooms. Good heat and rain tolerance.
  - Blue
  - Blue Lace
  - Blue Star
  - Bright Red
  - Lilac
  - Pink
  - Plum
  - Rose
  - Rose Star
  - Salmon
  - Sky Blue
  - True Blue
  - Velvet
  - Burgundy.
  - White
  - Mix

**Evening Scentsation**
- Height: 5 to 8 in. (13 to 20 cm)
- Spread: 30 to 35 in. (76 to 91 cm)
- **Available as Ball Premier Line® seed.**
- (P. x atkinsiana) Features an award-winning fragrance that is stronger in the evening. The stunning, indigo blue color of the 2.5-in. (6-cm) flowers was also highly praised by judges. Great in containers, hanging baskets or as a spreading groundcover. Evening Scentsation offers good rain and heat tolerance. **All-America Selections Regional Winner (Great Lakes, Heartland and West/Northwest).**
  - Blue
  - Blue Vein
  - Lavender Tie Dye
  - Pink
  - Plum
  - Red
  - Red Star
  - Rose
  - Rose Star
  - Salmon
  - Velvet
  - White
  - Mix

**Debonair™ Collection**
- Height: 10 to 15 in. (25 to 38 cm)
- Spread: 2.25 to 2.5 in. (5.5 to 6 cm)
- **A Ball Ingenuity product, available exclusively through Ball Seed.**
- Designer series combines special one-of-a-kind colors with professional seed quality. Multiflora blooms are displayed on the well-branched, mound and upright plants. Suitable for pots, combo planters and baskets, these premium petunias can command a higher price point at retail than standard varieties, and open the door to decorator opportunities.
  - **Black Cherry** Shimmering black with burgundy-reddish undertones; dark green foliage. Times between Dusty Rose and Lime Green. Yellow breaks may occur under cold growing regimes combined with B-Nine. US 7,642,436
  - **Dusty Rose** Dusty rose margin with antique yellow throat. Color becomes lighter in higher light/warmer conditions. US 7,642,436
  - **Lime Green** Stronger plant vigor and similar timing to Black Cherry offer a better mixing option. US 7,642,436

**Hurrah Series**
- Height: 8 to 10 in. (20 to 25 cm)
- Spread: 7 to 10 in. (18 to 25 cm)
- **Available as Ball Premier Line® seed.**
- Early flowering even under low-light conditions, the series has a 5-day bloom window across all colors. Compact and non-stretching; ships well and holds well at retail. Delivers good flower power through heat and humidity.
  - Blue
  - Blue Vein
  - Lavender Tie Dye
  - Pink
  - Plum
  - Red
  - Red Star
  - Rose
  - Rose Star
  - Salmon
  - Velvet
  - White
  - Mix

Order at ballseed.com/webtrack or 800 879-BALL
SINGLE FLORIBUNDA PETUNIA

Madness® Series

Height: 10 to 15 in. (25 to 38 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Flower size: 3 in. (8 cm)

A Ball Ingenuity product, available exclusively through Ball Seed.
Available as Ball Premier Line® seed.

This tried-and-true floribunda series delivers better-than-ever plug performance with 90%+ minimum germination in raw seed, and the highest Ball Vigor Index rating in its class.

Madness is well-known by shoppers at retail. Compact and floriferous, the very uniform plants show off many blooms. All of the colors put on impressive shows in packs, pots, beds and mass plantings throughout the Summer, right up until frost.

- Burgundy
- Burgundy Star
- Carmine
- Lilac
- Magenta
- Midnight Deep blue.
- Orchid
- Pink Chiffon
- Plum
- Plum Crazy
- Red
- Red Morn
- Red Picotee
- Rose
- Rose Morn
- Royal
- Sheer
- Simply
- Spring
- Sugar
- Summer
- White
- Yellow
- Clear Madness Mix All clear colors except Yellow and Pink.
- Just Madness Mix Six veined colors.
- Madness Merlot Mix Fashionable mix of burgundy and lavender shades.
- Madness Old Glory Mix Red, White and Blue.
- Total Madness Mix Bright, well-balanced mix of 13 Madness colors.
- Waterfall Madness Mix Beautiful blue-toned mix includes Lilac, Magenta, Royal and White
DOUBLE FLORIBUNDA PETUNIA

**Double Madness™ Series**
- **Height:** 10 to 15 in. (25 to 38 cm)
- **Spread:** 10 to 12 in. (25 to 30 cm)
- **Flower size:** 2 to 2.25 in. (5 to 5.5 cm)
- A Ball Ingenuity product, available exclusively through Ball Seed.
- Available as Ball Premier Line® seed.
- Offering the same superior performance as the original Madness series, these double petunias look just as spectacular in pots, baskets, beds and landscape plantings. The compact, floriferous plants deliver masses of flowers all Summer and bounce back within hours of a rainstorm.
- **NOTE:** With double petunias, first blooms often appear as singles due to the stress of growing. Subsequent blooms will be double.

- **• Blue**
- **• Burgundy**
- **• Red And White**
- **• Rose**
- **• Rose And White**
- **• Salmon**
- **• Satin Pink**
- **• Mix**

May contain most or all colors in the series.

**New FlashForward Series**
- **Height:** 6 to 10 in. (15 to 25 cm)
- **Spread:** 18 to 24 in. (46 to 61 cm)
- Available as Ball Premier Line® pelleted seed.
- A miniature-flowering, spreading petunia perfectly suited for basket, mixed container and premium pack programs.

- **• Blue**
- **• Burgundy**
- **• Coral**
- **• Lavender**
- **• Pink**
- **• Pink Glo**
- **• Purple**
- **• Red**
- **• Salmon**
- **• Sky Blue**
- **• White**
- **• Cool Waters Mix**
- **• Mix**
- **• Patriot Mix**

- **• New Lavender Improved**
  - Deeper color and better branching habit.
- **• Pink**
- **• Rose**
- **• Rose Morn**
- **• Rose Star**
- **• New Salmon Improved**
  - Deeper color and better branching habit.
- **• White**
- **• Mix**

May contain most or all colors in the series.

**Picobella Series**
- **Height:** 8 to 10 in. (20 to 25 cm)
- **Spread:** 8 to 10 in. (20 to 25 cm)
- **Flower size:** 2 in. (5 cm)
- Available as Ball Vigor Index® seed.
- A miniature-flowered petunia that can be grown just like a traditional petunia. Requires little or no PGRs to produce nicely mounded, uniform and naturally dwarf plants that are well-suited to gardens, smaller containers and baskets. Good outdoor performance and weather tolerance.

- **• Blue**
- **• Carmine**
- **• New Lavender Improved**
  - Deeper color and better branching habit.
- **• Pink**
- **• Red**
- **• Rose**
- **• Rose Morn**
- **• Rose Star**
- **• New Salmon Improved**
  - Deeper color and better branching habit.
- **• White**
- **• Mix**

May contain most or all colors in the series.

Order all the products in this catalog using WebTrack®.

Order at ballseed.com/webtrack or 800 879-BALL.
PHLOX  
*P. drummondii*

Crop Time: Packs, 12 to 15 weeks

**Grammy Pink & White F1**
- **Height:** 8 to 10 in. (20 to 25 cm)
- **Spread:** 10 in. (20 cm)
- A PanAmerican Seed product.
- Available as Ball Premier Line® seed.
  - Most compact F1 phlox has excellent uniformity, making it very manageable in packs and pots. Vigorous, free-flowering plants flower continuously all season, producing unique bicolor blooms. Suited to mixed containers, gardens and planters.

**21st Century F1 Series**
- **Height:** 10 in. (25 cm)
- **Spread:** 10 in. (25 cm)
- A PanAmerican Seed product.
- Available as Ball Premier Line® coated seed.
  - Performs like a hybrid at every turn – germination, vigor, earliness and weather tolerance are all excellent. Vigorous lateral branching makes fuller plants with superior “flower power” through the season. Excellent for Spring sales; good in Fall programs in the South.
    - **Blue**
    - **Crimson**
    - **Pink**
    - **Scarlet**
    - **White**
    - **Mix** May contain most or all colors in the series.
    - **Patriot Mix** Crimson, Blue and White.

**Popstars Mix**
- **Height:** 10 to 12 in. (25 to 30 cm)
- **Spread:** 14 to 16 in. (36 to 41 cm)
- Available as Ball Premier Line® seed.
  - Naturally dwarf and strong branching, Popstars Mix delivers a fantastic show of unique, star-shaped, single and bicolor blooms. Includes red, white, purple, rose with eye and blue. The compact habit combined with F1 vigor ensures good performance and amazing flower power in containers, baskets and gardens. Good for 4 to 6-in. (10 to 15-cm) pots.

PINKS See *Dianthus*.

**PLATYCODON** See Perennials.

**PLECTRANTHUS**  
*P. argentatus*

Crop Time: 4 to 4.5-in. (10 to 11-cm) pots, 14 to 16 weeks

**Silver Shield**
- **Height:** 24 to 30 in. (61 to 76 cm)
- **Spread:** 24 to 30 in. (61 to 76 cm)
- A PanAmerican Seed product.
- Available as Ball Premier Line® seed.
  - Vigorous, bushy and upright plant produces large, soft silvery-gray textured leaves. Robust and stress-tolerant accent plants are a great choice for landscapes and combo containers. Shows long spikes with small, very light blue flowers in late Summer.

**POPPY (PAPAVER)**  
Also see *Eschscholzia* (California Poppy) and Perennials (Papaver).

**Papaver nudicaule** (Iceland Poppy)
- **Height:** 15 in. (38 cm)
- **Spread:** 6 in. (15 cm)
- USDA Hardiness Zones: 4 to 8
- A PanAmerican Seed product.
- Available as Ball Premier Line® seed.
  - Strong-stemmed and bushy plants are early and uniform-flowering, with big, colorful blooms. Good in hot-day, cool-night conditions.
    - **Orange**
    - **Pink**
    - **Scarlet**
    - **White**
    - **Yellow**
    - **Citrus Mix** Orange, Yellow and White.
    - **Mix** May contain most or all colors in the series.

**Wonderland Mix**
- **Height:** 10 in. (25 cm)
- **Spread:** 12 to 24 in. (30 to 61 cm)
  - The 4-in. (10-cm) flowers bloom continuously on short, thick stems over gray-green foliage. Highly wind and cold resistant. Suitable for early Spring bedding plants. Excellent pot plant item.

**PHYSALIS** See Vegetables.

**PHYSOSTEGIA** See Perennials.

**PHLOX**

Order at ballseed.com/webtrack, 800-879-BALL or fax: 800-234-0370
PORTULACA

Also see Purslane. 

P. grandiflora

Crop Time: Packs, 12 to 13 weeks

STANDARD PORTULACA

Happy Hour™ Series

Height: 8 to 10 in. (20 to 25 cm) 
Spread: 10 to 12 in. (25 to 30 cm) 
A PanAmerican Seed product.

Available as Ball Premier Line® seed.

Bred for reduced daylength sensitivity, Happy Hour flowers under shorter days than other portulaca so growers can sow up to 2 weeks earlier for early-season sales. Well-branched, mounded plants ship well with less breakage than prostrate types, and put on high-impact displays at retail. Drought-tolerant and well-suited for hot, dry, full-sun locations. 

• Banana
• Coconut
• Deep Red
• Fuchsia
• Lemon
• Orange
• Peppermint
• Rosita
• Mix Banana, Coconut, Deep Red, Fuchsia, Lemon, Orange, Rosita and a scarlet not available separately.
• Pink Passion Mix Rosita, Peppermint and Fuchsia. 
• Tropical Mix Deep Red, Orange and Banana.

Happy Trails™ Series

Height: 6 to 9 in. (15 to 23 cm) 
Spread: 14 to 18 in. (36 to 46 cm) 
A PanAmerican Seed product.

Available as Ball Premier Line® seed.

Bred to deliver exceptional reduced daylength sensitivity like Happy Hour, Happy Trails has the shortest photoperiod needs of any portulaca. Plants flower under shorter days (10-hour photoperiod) than the competition so growers can sow up to 2 weeks earlier to sell earlier. Well-branched, trailing plants have fantastic spread in the garden and produce large flowers in the most vivid color assortment on the market today. 

• Deep Red
• Fuchsia
• Orange
• Peppermint Pink with fuchsia flecks and some solid fuchsia flowers.
• Pink
• Rosita Unique color to trailing portulaca.
• White
• Yellow
• Mix Includes Happy Trails solid colors plus scarlet (not available separately).

Sundial Series

Height: 5 in. (13 cm) 
Spread: 14 to 16 in. (36 to 41 cm) 
Available as Ball Premier Line® seed.

Free-flowering garden performers bear 1.5 to 2-in. (4 to 5-cm) blooms in a wide choice of colors. 

• Fuchsia
• Gold
• Orange
• Peach All-America Selections National Winner
• Peppermint
• Pink
• Scarlet
• Tangerine
• White
• Yellow
• Caliente Mix Fuchsia, Gold, Pink, Scarlet, Tangerine and White.
• Mix May contain most or all colors in the series.

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
PTILOTUS
P. exaltatus
Crop Time: 4-in. (10-cm) pots, 10 to 12 weeks
Joey ApeX
Height: 14 in. (36 cm)
Spread: 12 to 14 in. (30 to 36 cm)
Available as Ball Premier Line® seed.
Heat and drought-tolerant plant produces luminous, silver-green foliage topped by large, conical spikes of feathery flowers. Each long-lasting, 2 to 3-in. (5 to 8-cm), "bottlebrush" bloom starts out silver and matures to neon pink near the tips. The compact, uniform plants are well-suited to gardens and mixed containers.

PURSLANE
Also see Portulaca.
Portulaca oleracea
Crop Time: Premium packs and 4 to 6-in. (10 to 15-cm) pots, 11 to 12 weeks; 10-in. (25-cm) baskets: 13 to 14 weeks
Toucan Series
Height: 3 to 4 in. (8 to 10 cm)
Spread: 14 to 16 in. (36 to 41 cm)
A PanAmerican Seed product.
The first economical, programmable and reliable seed-grown purslanes for mass market baskets and containers. Easy-care series needs few or no PGRs and no pinching. Heat-loving and drought-tolerant plants cover baskets, gardens and mixed combos with bright, 2-in. (5 cm) blooms. NOTE: Recommended sowing is 4 seeds per cell.
• Fuchsia
• Scarlet Shades

RANUNCULUS
See Potted Plants.
RUDBECKIA
Also see Perennials.
R. hirta
Autumn Colors
Height: 22 in. (56 cm)
Spread: 12 to 15 in. (30 to 38 cm)
Available as Ball Premier Line® seed.
Vivid blooms with red rings and brown centers top sturdy-stemmed plants.
Cappuccino
Height: 18 to 20 in. (46 to 51 cm)
Spread: 14 to 16 in. (36 to 41 cm)
Long-lasting, 4-in. (10-cm), red and yellow bicolor blooms top very vigorous and floriferous, heat-tolerant plants.

New Cheyenne Gold
Height: 35 to 47 in. (90 to 120 cm)
Spread: 35 to 47 in. (90 to 120 cm)
Huge, golden yellow flowers up to 6 in. (15 cm) in diameter; tolerates rain well.

Denver Daisy
Height: 20 to 28 in. (61 to 71 cm)
Spread: 15 to 20 in. (38 to 51 cm)
Available as Ball Premier Line® seed.
This big-bloomed rudbeckia creates awesome landscapes and containers. Eye-catching, bicolor, 6 to 8-in. (15 to 20-cm) blooms adorn the well-branched plants.

Indian Summer
Height: 30 in. (76 cm)
Spread: 24 in. (61 cm)
Available as Ball Premier Line® seed.
Single, 6 to 8-in. (15 to 20-cm), golden yellow flowers. All-America Selections National Winner.

Prairie Sun
Height: 2 to 3 ft. (61 to 91 cm)
Spread: 18 in. (46 cm)
Available as Ball Premier Line® seed.
Primrose yellow-tipped, golden yellow, 5-in. (13-cm) bicolor blooms with a green eye. All-America Selections National Winner.

Toto Series
Height: 14 in. (36 cm)
Spread: 8 to 10 in. (20 to 25 cm)
Single, 3-in. (8-cm) blooms. Good for 4 to 6-in. (10 to 15-cm) programs.
• Gold
• Lemon
• Rustic Yellow bronze with red ring.
• Mix May contain most or all colors in the series.

RUELLIA
R. brittoniana (R. tweediana)
Crop Time: Packs, 4 to 6-in. (10 to 15-cm) and gallon pots – Spring: 15 to 16 weeks; Summer: 13 to 14 weeks
Southern Star Series
Height: 10 to 12 in. (25 to 30 cm)
Spread: 16 to 18 in. (41 to 46 cm)
A PanAmerican Seed product.
The first dwarf ruellia from seed makes this heat-loving nursery item more readily available and affordable to grow. Very adaptable and low maintenance; tolerates wet and dry. Great product to expand Southern programs; not recommended for the far North. Hardy to Zone 8.
• Blue
• Pink
• White
SALVIA  Also see Perennials.

Crop Time: Packs, 8 to 14 weeks

S. CANARIENSIS  

New Lancelot

Height: 36 to 42 in. (91 to 107 cm)
Spread: 24 to 30 in. (61 to 76 cm)

A PanAmerican Seed product.

A unique plant for the border. Produces silvery-white, felted leaves plus lavender flowers in July with rosy-lavender bracts and a pleasant sage fragrance. Water-wise plant attracts hummingbirds, bees and butterflies.

Hummingbird Series

Height: 14 to 24 in. (36 to 61 cm)
Spread: 4 to 10 in. (10 to 25 cm)

- Coral Nymph Spread is 18 in. (46 cm).
- Forest Fire
- Snow Nymph

Summer Jewel Series

Height: 14 to 19 in. (36 to 48 cm)
Spread: 16 in. (41 cm)

High-performance duo produces early and abundant blooms that keep on coming from Spring until Fall. Each densely branched plant flowers up to 2 weeks earlier than comparable varieties, and stays compact and tidy in containers and gardens all season. An added bonus for bird lovers: the bright flowers attract hummingbirds, while goldfinches swarm the plant for the seeds.

- Lavender Shows of a beautiful novel color in S. coccinea. All-America Selections National Winner.
- Pink Green foliage. All-America Selections National Winner.
- Red Dark green foliage. All-America Selections National Winner.
- White All-America Selections National Winner.
- Mix May contain most or all colors in the series.

Evolution Series

Height: 18 to 24 in. (46 to 61 cm)
Spread: 16 to 18 in. (41 to 46 cm)

Each well-branched, early-flowering plant produces many long, dense, 6 to 7-in. (15 to 18-cm) spikes. Compact with dark green foliage.

- Violet All-America Selections National Winner
- White

Victoria Series

Height: 18 to 24 in. (46 to 61 cm)
Spread: 18 in. (46 cm)

Available as Ball Premier Line® seed.

Good garden cut flowers.

- Blue
- White

Patio Series

Height: 12 to 14 in. (30 to 36 cm)
Spread: 8 to 12 in. (20 to 30 cm)

A PanAmerican Seed product.

Available in a range of unique colors, these Summer-blooming plants are easy to grow and look great in containers, borders and rock gardens. Performs as a perennial to Zone 8.

- Deep Blue
- Sky Blue

DWARF S. SPLENDENS

Mojave Series

Height: 10 to 12 in. (25 to 30cm)
Spread: 10 to 12 in. (25 to 30cm)

Available as Ball Premier Line® high energy seed.

Series features excellent flower quality, a dense flower spike, a range of colors, and highly contrasting dark foliage. Very strong and well branched habit. Good heat tolerance.

- Purple
- Red
- Red Bicolor
- Salmon
- White
- Formula Mix May contain most or all colors in the series.

Red Hot Sally II

Height: 10 to 12 in. (25 to 30 cm)
Spread: 8 in. (20 cm)

A Ball Ingenuity product, available exclusively through Ball Seed.

Available as Ball Premier Line® seed.

Red Hot Sally II puts on a great show in premium packs and 4-in. (10-cm) pots, then stands out all season in landscapes, gardens, planters and mixed containers. Flower spikes are short and full. Add in high seed quality, superior uniformity and excellent heat tolerance, and Red Hot Sally II is a sure winner.
SALVIA continued

Reddy Series
Height: 8 to 10 in. (20 to 25 cm)
Spread: 8 to 10 in. (20 to 25 cm)
The only naturally dwarf, non-stretching salvia on the market need no PGRs and are the perfect choice for plug and pack production. Early and uniform series produces a large number of dense, brightly colored flowers above dark green foliage. Daylength neutral.
• Bright Red
• Lavender
• Pink
• Purple
• Salmon
• Scarlet Bicolor
• White
• White Surprise Truly unique — rich red-orange blossoms pop out of white bracts.
• Mix May contain most or all colors in the series.

Sentry
Height: 8 to 10 in. (20 to 25 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Available as Ball Premier Line® seed.
Sentry shows the same dense, intense red flower spikes and great garden performance as Mojave, plus the added benefits of earliness and a more compact habit. Ideal for smaller pots and packs.

Sizzler Series
Height: 8 to 10 in. (20 to 25 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Available as Ball Premier Line® seed.
Upright plants are extra early in packs.
• Burgundy
• Burgundy Halo
• Purple
• Red
• Salmon
• Mix May contain most or all colors in the series.

Vista Series
Height: 10 to 12 in. (25 to 30 cm)
Spread: 8 in. (20 cm)
A PanAmerican Seed product. Available as Ball Premier Line® seed.
Well-branched, compact plants have dark green foliage and well-packed, fade-resistant spikes all season. Well-matched in timing, habit and heat tolerance with a 5 to 7-day flowering window. Finishes 2 to 5 days after early-flowering series, but performs better outdoors.
• Lavender
• Purple
• Red
• Red And White
• Rose
• Salmon
• White
• Mix May contain most or all colors in the series.

TALL S. SPLENDENS (Late-Flowering Type)

Lighthouse Series
Height: 24 in. (61 cm)
Spread: 10 in. (25 cm)
A PanAmerican Seed product.
Tall bushy plants display long-lasting color. Easy-care varieties are heat resistant and ideal for landscape backgrounds and large containers. Deep green foliage. Suitable for pots and 1801 and larger cells.
• Purple
• Red

F1 INTERSPECIFIC SALVIA S. longispicata x farinacea

Big Blue
Height: 24 to 36 in. (61 to 91 cm)
Spread: 18 to 20 in. (46 to 51 cm)
A PanAmerican Seed product.
The first of its type from seed, this vigorous annual shows off a clear blue color. Great performer in heat and low-water conditions. Low-maintenance plant does not need deadheading. Hummingbirds, bees, butterflies and more flock to Big Blue in the garden. At its best in full sun, but will tolerate dappled shade or partial sun. US PVP 201700218

SANVITALIA S. speciosa

Queen of Sunlight
Height: 8 to 10 in. (20 to 25 cm)
Spread: 8 to 10 in. (20 to 25 cm)
Heavily branched, uniform and compact plants with masses of flowers for mixed combinations and patio planters.

SAXIFRAGA See Perennials.

SCABIOSA See Perennials and Cut Flowers.

SEDUM See Perennials.

SHASTA DAISY See Chrysanthemum.
Also see Perennials (Leucanthemum).

SINGLE-SPECIES MULTI-PELLETS See Fuseables®, page 69.
SNAPDRAGON

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370

F1 SNAPDRAGON Also see Cut Flowers, Antirrhinum majus

Crop Time: Packs, 20 to 21 weeks

DWARF SNAPDRAGON

Snapshot™ Series

Delivers just the right balance of earliness and good pack performance, combined with strong garden performance.

Height: 6 to 10 in. (15 to 25 cm)
Spread: 10 to 12 in. (25 to 30 cm)

A Ball Ingenuity product, available exclusively through Ball Seed. Available as Ball Premier Line® seed.

Bushy, compact plants make full, closely spaced flower spikes for high-impact color shows. Uniform flowering, with a 7-day window for Spring and Fall sales in packs and small pots. Supplied with excellent seed quality – 85% minimum germ standard.

- Appleblossom
- Burgundy
- Burgundy Bicolor
- Coral Bicolor
- Orange
- Orange Yellow
- Pink
- Plumblossom
- Purple
- Red
- Red Bicolor
- Red Flame
- Rose
- Sunset Bright yellow/red blush bicolor. Maintains bright yellow color well in cool environments.
- White
- Yellow
- Citrus Mix Bright sunshine mix of Orange, White and Yellow.
- Merlot Mix White, Plumblossom and Burgundy.
- Mix May contain most or all colors in the series.
- Spring Mix Bright and cheery mix includes Yellow, Purple and White.
SNAPDRAGON continued

Snaptini Series

Height: 6 to 8 in. (15 to 20 cm)
Spread: 6 to 8 in. (15 to 20 cm)
Available as Ball Premier Line® seed.

Highly programmable series with reduced photoperiod sensitivity offers consistent crop timing across all seasons. Bred for high-density production in packs and small pots with a reliable, tight flowering window for bench-run finish. Strong central leader combined with sturdy branching creates an easy-to-ship plant and provides a classic look at retail.

- Burgundy Bicolor
- Peach
- Red
- Rose Bicolor
- Scarlet
- Sunglow
- Violet
- White
- Yellow
- Mix May contain most or all colors in the series.

Candy Tops Series

Height: 7 to 8 in. (18 to 20 cm)
Spread: 6 in. (15 cm)
Available as Ball Premier Line® seed.

Abundant, sweetly scented flowers on compact, upright plants with good side branching show off constant color. Strong stems assure better shipping and retail appeal. This showstopper plays well with others in cool-season mixed containers.

- Orange
- Red
- Rose
- White
- Yellow
- Mix May contain most or all colors in the series.

Floral Showers Series

Height: 6 to 10 in. (15 to 25 cm)
Spread: 6 to 8 in. (15 to 20 cm)

Free-flowering plants.

- Apricot Bicolor
- Coral Bicolor
- Crimson
- Deep Bronze
- Fuchsia
- Lavender Bicolor
- Lilac
- Purple
- Red And Yellow Bicolor
- Rose
- Rose Pink
- Scarlet
- White
- Wine Bicolor (White eye)
- Yellow
- Bicolor Mix (Fuchsia, Apricot Bicolor, Wine Bicolor and Lavender Bicolor)
- Mix Available as Ball Premier Line® seed. May contain most or all colors in the series.
MEDIUM SNAPDRAGON

Antiquity Mix
Height: 9 to 11 in. (23 to 28 cm)
Spread: 14 to 16 in. (36 to 41 cm)

Open-flowered variety with very robust foliage and great branching is well-suited to large containers and garden borders. Good in Summer and Fall production, filling the pot well before flowering.

Twinny Series
Height: 10 to 12 in. (25 to 30 cm)
Spread: 7 to 8 in. (18 to 20 cm)

Features unique double "butterfly" flowers. Ideal for early Spring and Fall color bowls. Tolerates hot and wet Summer weather.

• Appleblossom
• Peach
All-America Selections National Winner.
• Rose
• Violet
• White
• Yellow Shades
• Mix May contain most or all colors in the series.

TALL SNAPDRAGON

Liberty Classic Series
Height: 18 to 22 in. (46 to 56 cm)
Spread: 12 to 14 in. (30 to 36 cm)

Available as Ball Premier Line® seed.

Strong flower spikes have evenly spaced florets. Suitable for cut flower production, beds and 6-in. (15-cm) pots.

• Bronze
• Crimson
• Lavender
• Rose Pink
• White
• Yellow
• Mix May contain most or all colors in the series.

Snaptastic Series
Height: 14 to 16 in. (36 to 41 cm)
Spread: 12 to 14 in. (30 to 36 cm)

Available as Ball Premier Line® seed.

A strong root system makes Snaptastic more resilient to heat and suitable for both Spring and Fall programs. Plants have a large central flower with rapid secondary flowering, plus strong stems that assure less breakage from growing to garden. Less daylength sensitive than others of this type.

• Magenta
• Orange Flame
• Pink
• Red
• Yellow
• Mix May contain most or all colors in the series.

Oh Snap! Series
Height: 20 in. (51 cm)
Spread: 20 in. (51 cm)

An Independent Garden Center Exclusive series.

High-performance "knee-high" series shows off bright flowers that are closely spaced on the spike for lots of color impact. The sturdy plants have strong stems, making them well-suited to cut flower gardens. Good for premium pack, pot and gallon programs in early Spring production. Oh Snap! flowers approximately 12 weeks from sowing in long days and into warmer conditions (Spring to Summer); 16 to 17 weeks in short days and into cooler conditions (late Fall to Winter, early Spring).

• Pink
• White
• Yellow

Tall Snapdragon

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
SNAPDRAGON continued

**Solstice™ Series**

*Height:* 16 to 20 in. (41 to 51 cm)
*Spread:* 10 to 14 in. (25 to 36 cm)

*A PanAmerican Seed product.*

Fast-finish Solstice flowers earlier under short days than other mid-height varieties. Recommended sowing time is September through January for finishing as late as the end of March. Solstice performs best when grown with high light and cool nights (45 to 55°F/7 to 13°C). Good for Jumbo packs, pots and gallons.

- Burgundy
- Lavender
- Orange Tricolor
- Pink
- Purple
- Red
- Rose
- White
- Yellow

**Sonnet Series**

*Height:* 18 to 24 in. (46 to 61 cm)
*Spread:* 12 in. (30 cm)

Available as Ball Premier Line® seed.

Sturdy plants are well-suited to cut flower gardens.

- Burgundy
- Carmine
- Crimson
- Orange Scarlet
- Pink
- Rose
- White
- Yellow

**Speedy Sonnet Series**

*Height:* 18 to 24 in. (46 to 61 cm)
*Spread:* 12 in. (30 cm)

Available as Ball Premier Line® seed.

Up to 3 weeks earlier to bloom with just 10.5-hour days compared to 12-hour days for standard Sonnet, Speedy Sonnet is a great candidate for early Spring programs. Offers an improved flower spike in a good choice of colors. Makes a nice garden cut flower.

- Bronze
- Crimson
- Pink
- Purple
- Rose
- White
- Yellow

Mix May contain most or all colors in the series.

**SOLANUM** See Cut Flowers.

**SPILANTHES**

*S. oleracea/Acmella oleracea*

*Crop Time:* 4-in. (10-cm) pots, 11 to 12 weeks

**Peek-A-Boo**

*Height:* 12 to 15 in. (30 to 38 cm)
*Spread:* 24 to 30 in. (61 to 76 cm)

*A PanAmerican Seed product.*

Available as Ball Premier Line® seed.

“Eye-catching” novelty has olive-shaped, golden yellow, 1-in. (2.5-cm) flowers with a deep burgundy-red eye on long, pendulous stems. Foliage takes on a bronze-green tone in full sun.

**STATICE** See Cut Flowers (Limonium).

**STIPA** See Grasses.

Order all the products in this catalog using WebTrack®.

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
STOCK  Also see Cut Flowers  
(Matthiola). 
**Matthiola incana**

**Crop Time:** Packs, Spring: 13 to 15 weeks; 
Fall: 15 to 17 weeks; except where noted

**Harmony Series**

**Height:** 6 to 8 in. (15 to 20 cm) 
**Spread:** 10 in. (25 cm) 

Early series is taller and fuller than Midget. 
- Cherry Blossom
- Cream Yellow
- Deep Rose
- Light Rose
- Purple
- Violet
- White
- **Mix May contain most or all colors in the series.**

**Hot Cakes Series**

**Height:** 10 to 16 in. (25 to 41 cm) 
**Spread:** 6 to 8 in. (15 to 20 cm) 

**A PanAmerican Seed product.** 
Available in Ball Premier Line® coated seed. 

Selectable, fully double plugs produce more attractive, green-leafed plants than comparable gray-leafed, non-selectable types which can show up to 50% singles. 

Very well-branched, dwarf plants have highly fragrant, brightly colored blooms. 

Well-suited to packs and 4-in. (10-cm) outdoor programs, and 6 to 8-in. (15 to 20-cm) indoor lifestyle plant programs. 
- **Hot Rose**
- Pink
- **Purple**
- **White**
- **Mix May contain most or all colors in the series.**

**Midget Mix**

**Height:** 6 to 8 in. (15 to 20 cm) 
**Spread:** 8 to 10 in. (20 to 25 cm) 

Extra-early plants.

**Mime Series**

**Height:** 15 to 18 in. (38 to 46 cm) 
**Spread:** 6 in. (15 cm) 

Lots of fragrant flowers top upright, true green-leafed plants. Early and uniform blooming, with approximately 55% double flowers – without seedling selection. 

Strong stems perform well in shipping and at retail. 
- **Blue**
- **Light Pink**
- Pink
- Purple
- Red
- **Rose**
- **White**
- **Mix May contain most or all colors in the series.**

**Vintage Series**

**Height:** 15 to 20 in. (38 to 51 cm) 
**Spread:** 12 to 14 in. (30 to 36 cm) 

A PanAmerican Seed product. 
Compact, dwarf plants flower up to 1 week faster than comparable varieties with better branching. Up to 55% fully double blooms. 
- **Burgundy**
- Copper Dusty rose.
- Lavender
- Red
- Rose
- White
- Yellow
- **Mix May contain most or all colors in the series.**

**SUNFLOWER**  Also see Potted Plants and Cut Flowers.  
**Helianthus interspecific**

**Sunfinity Yellow Dark Eye**

**Height:** 36 to 48 in. (91 cm to 1.2 m) 
**Spread:** 24 to 36 in. (61 to 91 cm) 

This next-generation sunflower offers non-stop blooming, multiple branches and more flowers all season long! One-of-a-kind Sunfinity Yellow Dark Eye keeps on growing long after traditional single-stem sunflowers have bloomed and died, and it has much stronger tolerance to powdery and downy mildew. Well-suited to late Spring to early Fall premium programs, it’s ideal in gallon to 8-in. (20-cm) pots, to create high-impact landscapes and large patio planters. Also makes a good garden cut flower. 
- **Burgundy**
- Copper Dusty rose.
- Lavender
- Red
- Rose
- **White**
- **Yellow**
- **Mix**
- **May contain most or all colors in the series.**

**SWEET PEA**  Also see Cut Flowers.  
**Lathyrus odoratus**

**Incense Mix**

**Vine length:** 4 ft. (1.2 m) 
Climbing tendrilled mix of extremely fragrant varieties on long-stemmed plants is well-suited to cut flower gardens. 
Includes blue bicolor, buttermilk, white/ blue bicolor, cream/lavender bicolor, salmon-pink and white.

**Knee High Mix**

**Height:** 24 to 30 in. (61 to 76 cm) 
Colorful bush-type mix is good for cut flower gardens.

**Mammoth Series**

**Vining:** 5 to 7 ft. (1.5 to 2.1 m) 
Large, early flowers and long stems. Good for cut flower gardens. 
- **Crimson**
- Deep Rose
- Lavender
- Mid Blue
- Navy Blue
- Rose Pink
- Salmon Cream
- Scarlet
- White
- **Mix May contain most or all colors in the series.**
TALINUM

*T. paniculatum*

**Crop Time:** Premium packs and 4 to 6.5-in. (10 to 16-cm) pots, 9 to 10 weeks

**Limón**

**Height:** 28 to 32 in. (71 to 81 cm)
**Spread:** 16 to 18 in. (41 to 46 cm)

A PanAmerican Seed product.

Showing off a brilliant display of mounded, bright lime-green leaves, Limón also features airy inflorescences covered in tiny rose-pink flowers. Quick and easy to grow, this tough, vigorous plant handles stress well, including heat and drought; the leaf color is even more vibrant when water, feed or light are stressed.

THUNBERGIA

*T. alata*

**Crop Time:** Packs, 10 to 12 weeks

**Susie™ Series**

**Vine length:** 6 to 8 ft. (1.8 to 2.4 m)

A PanAmerican Seed product.

A good choice for baskets and window boxes. Flowers in as few as 6 weeks.

- **Orange With Eye**
- **White With Eye**
- **Yellow With Eye**
- **Mix** May contain most or all colors in the series.

TITHONIA

*T. rothidifolia*

**Crop Time:** 12 to 15 weeks

**Fiesta del Sol**

**Height:** 30 in. (76 cm)
**Spread:** 24 to 30 in. (61 to 76 cm)

Glowing orange flowers and compact habit are ideal for containers and borders. Attractive Summer potted plant item.

TORENIA

*T. fournieri*

**Crop Time:** Packs, 12 to 13 weeks

**Duchess Series**

**Height:** 6 to 8 in. (15 to 20 cm)
**Spread:** 6 to 8 in. (15 to 20 cm)

Available as Ball Premier Line® seed.

Great for shady bedding areas.

- **Blue And White**
- **Burgundy**
- **Deep Blue**
- **Pink**
- **Mix** May contain most or all colors in the series.

**Kauai™ Series**

**Height:** 8 in. (20 cm)
**Spread:** 8 in. (20 cm)

Available as Ball Premier Line® seed.

A compact, early and well-branched series is very manageable on the bench; offers a full array of vivid varieties; and is easy to schedule with a tight, 7 to 9-day flowering window. Gardeners value torenia for its superior performance in extreme heat/humidity, and exotic looks in small gardens, mixed combos and color bowls; also suited to indoor containers. A great shade alternative.

- **Blue & White**
- **Burgundy**
- **Deep Blue**
- **Lemon Drop**
- **Magenta**
- **Rose**
- **White**
- **Mix** May contain most or all colors in the series.

VERBASCUM See Perennials.

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
VERBENA

Crop Time: Packs, Spring: 12 to 14 weeks; Summer: 11 to 13 weeks

V. BONARIENSIS

Buenos Aires

Height: 40 to 50 in. (1 to 1.25 m)
Spread: 12 to 16 in. (30 to 41 cm)

A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Clusters of bright violet flowers on open, free-flowering plants. Heat and stress-tolerant; good in landscapes and gardens.

V. HYBRIDA

Quartz Series

Quartz XP varieties have a tight, 7-day flowering window; early and significantly better branching; and reduced internode length.

Height
XP varieties: 8 to 10 in. (20 to 25 cm)
Standard varieties: 10 to 12 in. (25 to 30 cm)

Spread
XP varieties: 10 to 12 in. (25 to 30 cm)
Standard varieties: 12 to 14 in. (30 to 36 cm)

A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Quartz XP also delivers high germination, strong seed quality and great young plant vigor. Excellent garden performers have dark green leaves on slightly spreading, mounded plants.

Quartz XP varieties:
• XP Bordeaux
• XP Burgundy With Eye
• XP Pink
• XP Purple
• XP Red With Eye
• XP Scarlet
• XP Silver
• XP Violet Eye
• XP White
• XP Merlot Mix
• XP Mix May contain most or all colors in the series.
• XP Waterfall Mix Segregating mix of white, blue, violet blue and purple.

Quartz standard variety:
• Blue

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
VERBENA continued

**Obsession Series**

Height: 6 to 8 in. (15 to 20 cm)
Spread: 10 to 12 in. (25 to 30 cm)

*Available as Ball Premier Line® seed.*

Compact performers in pack and garden. Excellent germination.

- Blue With Eye
- Bordeaux Deep velvety red with eye.
- Burgundy With Eye
- Coral With Eye
- Light Blue With Eye
- Lilac
- Pink
- Red
- Red With Eye
- Scarlet
- Twister Purple
- Twister Red
- New White Improved Better quality and improved garden vigor.
- Berry Tart Mix Blue With Eye, Burgundy With Eye and lavender.
- Eyed Mix
- Mix Includes the popular Twister colors.
- Pastel Mix

**Obsession Cascade Series**

Height: 8 to 10 in. (20 to 25 cm)
Spread: 18 to 24 in. (46 to 61 cm)

*Available as Ball Premier Line® seed.*

The first trailing verbena series from seed! Bright, bold colors make eye-catching, high-impulse hanging baskets and combos. Mid-vigor plants also create carpets of color in-ground. Excellent disease resistance. Works well in 4 to 6-in. (10 to 15-cm) pot and basket programs.

- Burgundy With Eye
- Pink Shades
- Purple Shades With Eye
- Red With Eye
- Scarlet
- Twister Burgundy
- Twister Violet
- White

**Tuscany Series**

Height: 8 to 10 in. (20 to 25 cm)
Spread: 16 to 20 in. (41 to 51 cm)

Naturally compact, well-branched and bushy plants fill in quickly and uniformly for good retail displays.

- Blue
- Burgundy With Eye
- Lavender Picotee
- Orchid Frost
- Peach
- Pink Picotee
- Rose With Eye
- Scarlet
- Scarlet With Eye
- New Twister Purple Shades
- White
- Mix May contain most or all colors in the series.
- Pastel Mix

**V. SPECIOSA**

**Imagination**

Height: 12 in. (30 cm)
Spread: 24 in. (61 cm)

*Blooming continuously and freely, the drought-tolerant plants fill in quickly and display clusters of deep violet blue, 0.5-in. (1-cm) blooms.*

**VERONICA** See Perennials and Cut Flowers.
VINCA
*Catharanthus roseus*

Crop Time: Packs, 14 to 15 weeks

**F1: AERIAL PHYTOPHTHORA-RESISTANT UPRIGHT VINCA**

**Valiant™ F1 Series**

Delivers intermediate resistance (IR) to aerial Phytophthora AND it's more vigorous than the competition.

- **Height:** 14 to 20 in. (36 to 51 cm)
- **Spread:** 10 to 12 in. (25 to 30 cm)

A PanAmerican Seed product.

Valiant makes well-branched, vigorous, market-ready plants with large flowers that deliver big color impact at retail and in the landscape. Superior vigor allows Valiant landscapes to better survive environmental stresses such as sun, heat, drought, salt and cool/damp conditions. It's robust enough to establish well in Summer when it's cool and wet. Low maintenance with good landscape longevity. Available in the key colors.

- **New Apricot Improved**
  - Slightly less vigorous than others in the series. US 9,451,748
- **Burgundy**
  - US 9,451,747
- **Lilac** US 9,451,752
- **New Magenta** US PAF
- **Orchid** Slightly less vigorous than others in the series. US 9,451,750
- **Punch** US 9,451,751
- **Pure White** US 9,451,747
- **Mix** NEW Apricot Improved, Burgundy, Lilac, Punch and Pure White.
UPRIGHT VINCA

**Blockbuster F1 Series**

**Height:** 10 to 12 in. (25 to 30 cm)

**Spread:** 12 to 16 in. (30 to 41 cm)

This exciting series has a compact, well-branched habit with huge flowers that maintain their well-rounded form. The flowers are capable of reaching 2 to 2.5 in. (5.5 to 6 cm), even in extreme conditions. Great color intensity, even in full sun conditions.

- Apricot
- Burgundy
- Crimson
- Dark Red
- Icy Watermelon
- Peppermint
- Punch
- Purple
- Red With Eye
- White
- Formula Mix May contain most or all colors in the series.

**Cora XDR F1 Series**

**Height:** 14 to 16 in. (36 to 41 cm)

**Spread:** 18 to 20 in. (46 to 51 cm)

This vinca series offers season-long flowering and excellent survival in landscape plantings. It provides high resistance to 10 of the most virulent isolates of *Phytophthora nicotianae*, the cause of Phytophthora blight in annual vinca.

- New Apricot
- Cranberry
- Deep Strawberry
- Hotgenta
- Light Pink
- Magenta Halo
- Orchid
- Pink Halo
- Polka Dot
- Punch
- Red Classic
- White
- Mix May contain most or all colors in the series.
Mega Bloom Series

Height: 8 to 10 in. (20 to 25 cm)
Spread: 10 to 12 in. (25 to 30 cm)

Mega Bloom withstands heat and humidity without succumbing to disease.
Maintains a dense habit, with the 3-in. (8-cm) flowers sitting over the foliage for a big show of color in the garden and in containers.

• Apricot
• Dark Red
• Grape
• Icy Pink
• Lavender
• Orchid Halo All-America Selections National Winner.
• Peach Pink
• Pink
• Pink Halo All-America Selections National Winner.
• Polka Dot All-America Selections National Winner.
• Purple
• Raspberry
• Red
• Strawberry
• White
• Mix May contain most or all colors in the series.

Improve Efficiency, Decrease Labor with Ball Premier Line® Seed

The Ball Premier Lab has developed several seed technologies that can improve efficiency on your production line, as well as reducing labor costs and storage issues.

• High-Energy Seed is a refined seed technology that delivers improved germination and uniformity.
• Genesis primed seed germinates under a wider temperature range to deliver better uniformity.
• Film-coated seed ensures reliable flow through seeders.
• Treated seed, Ball Controlled Growth seed, multi-seed pellets and Fuseables Precision multi-pellets were developed to work smoothly with drum seeders and any other automated advancements.
• The Ball Vigor Index is a patented plug testing method that determines the vigor and uniformity of seed lots and rejects lots that don’t pass, protecting you from using unreliable seed.
VINCA continued

**Pacifica XP Series**

*Height: 10 to 14 in. (25 to 36 cm)*  
*Spread: 6 to 8 in. (15 to 20 cm)*  

A PanAmerican Seed product.  

The largest, earliest and most vigorous O.P. vincas are easy to grow and appealing at retail. The XP varieties deliver exceptional uniformity, a tight 5 to 7-day flowering window, and superior stress tolerance. Very floriforous, well-branched plants show off bright flowers that won’t show gaps in hot temperatures.

- XP Apricot US PVP 9800181
- XP Blush
- XP Burgundy
- XP Burgundy Halo All-America Selections National Winner. US PVP 200700272
- XP Cherry Red Halo
- XP Cranberry
- XP Dark Red US PVP 200600189
- XP Deep Orchid
- XP Icy Pink
- XP Lilac
- XP Magenta Halo US PVP 200500216
- XP Orange
- XP Polka Dot
- XP Punch US PVP 9400248
- XP Raspberry
- XP Really Red US PVP 200600190
- XP Rose Halo US PVP 200500218
- XP White
- XP Bold Mix Cranberry, Really Red, Deep Orchid and Orange.
- XP Halo Mix White, Cherry Red Halo, Magenta Halo, Rose Halo and Burgundy Halo.
- XP Lipstick Mix Punch, Dark Red, Blush and Icy Pink
- XP Merlot Mix Burgundy, Polka Dot, Deep Orchid and Burgundy Halo.
- XP Mix May contain most or all colors in the series.
- XP Mystic Mix Burgundy, White and Lilac.

VINCA continued
**SunStorm Series**

- Height: 8 to 10 in. (20 to 25 cm)
- Spread: 10 to 12 in. (25 to 30 cm)

Series features early flowering and a compact habit – ideal for packs and small pots; well-branched and naturally free-flowering plants require little to no PGRs.

- Apricot
- Blush
- Bright Red
- Deep Lilac
- Deep Orchid
- Deep Pink
- Light Blue
- Orchid Halo
- Pure White
- Purple
- Red
- Red Halo
- Rose Eye
- White Eye
- Mix (May contain most or all colors in the series)

- **NEW** Tattoo American Pie Mix

**Tattoo™ Series**

- Height: 10 to 14 in. (25 to 36 cm)
- Spread: 6 to 8 in. (15 to 20 cm)

A PanAmerican Seed product.

Very floriferous and well-branched plants display one-of-a-kind flowers with an overlapping, fully rounded form that won’t show gaps in hot temperatures. 3 to 5-day flowering window with an appealing upright habit across all colors. Outstanding in hot and sunny conditions.

NOTE: Tattoo blooms display the best color contrast under warm conditions with moderate light. Grown under cooler conditions and lower light, colors appear darker overall with less contrast.

- Black Cherry US PVPAF
- New Blueberry US PVPAF
- Papaya US PVPAF
- Raspberry US PVPAF
- Tangerine US PVPAF
- **NEW** American Pie Mix US PVPAF, US PVP 200600190

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
VINCA continued

Titan™ F₁ Series
Up to 2 weeks faster to flower than open-pollinated varieties, with exceptional uniformity, superior branching and the biggest flowers in all the top-selling vinca colors.

Height: 14 to 16 in. (36 to 41 cm)
Spread: 10 to 12 in. (25 to 30 cm)
A PanAmerican Seed product.

Handles stressful conditions in the pack and garden better than O.P. varieties. A vigorous grower even in cooler climates and a good low-water variety in hot, dry conditions, Titan is perfect for landscapes and containers of all types. Well-suited to premium packs and 4 to 6-in. (10 to 15-cm) pots.

- Apricot
- Blush Richer color holds up better in conditions like the Southeastern U.S.; does not fade to white (lightens but does not whiten); retains the large eye.
- Burgundy
- Dark Red US 10,212,908
- Icy Pink
- Lavender Blue Halo
- Lilac
- Polka Dot
- Punch
- Pure White
- Really Red Same color as Pacifica Really Red. A top-selling vinca color and a key color for landscapers. US 10,212,908
- Rose
- Rose Halo
- Bubble Gum Mix Blush, Icy Pink and Rose.
- Clear Mix Punch, Dark Red, Lilac, Burgundy and Pure White.
- Mix The only mix to include all the key vinca colors.
- Romance Mix Rose Halo, Icy Pink and Pure White.
- Summer Breeze Mix Lilac, Lavender Blue Halo and Pure White.

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370

122
Victory Series
Height: 8 to 10 in. (20 to 25 cm)
Spread: 8 to 10 in. (20 to 25 cm)
Uniform, upright and bushy series.
• Apricot
• Blue
• Bright Eye
• Carmine
• Cranberry
• Deep Pink
• Grape
• Lavender
• Light Pink
• Light Pink with Red Eye
• Pure White
• Purple
• Red
• Mix May contain most or all colors in the series.

New Virtuoso F1 Series
Height: 12 to 14 in. (30 to 36 cm)
Spread: 12 to 16 in. (30 to 41 cm)
Compact and uniform habit with good basal branching in pots. Performs well in the garden, even under extreme conditions.
• Cranberry
• Deep Purple
• Deep Red
• Lavender
• Polka Dot
• Punch
• Rose
• White
• Mix May contain most or all colors in the series.

Vitalia Series
Height: 10 to 12 in. (25 to 30 cm)
Spread: 6 to 8 in. (15 to 20 cm)
Open-pollinated series blooms early and uniformly across all colors, showing off bright, open-faced flowers.
• Blush
• Burgundy
• Cherry
• Icy Pink
• Pink
• White
• Mix May contain most or all colors in the series.
• Sweetheart Mix Blush, Icy Pink and Pink.

Vitesse F1 Series
Height: 14 in. (36 cm)
Spread: 10 in. (25 cm)
Compact and well-branched, the very large-flowered plants work well in pots, packs and 4-in. (10-cm) pots, with early flowering, excellent seed quality and good disease tolerance. Performs from hot/humid to cool/low light.
• Blue
• Patriot Mix
TRAILING VINCA

Cora Cascade F1 Series

Height: 6 to 8 in. (15 to 20 cm)
Spread: 32 to 36 in. (81 to 91 cm)

Vigorous, trailing series fills landscapes and baskets well, with large, long-lasting flowers covering the entire plant. Uniform habit and flowering time. Thrives in heat and humidity, and resists aerial Phytophthora.
- Apricot
- New Bright Rose
- Cherry
- Lavender with Eye
- Lilac
- Peach Blush
- Polka Dot
- Shell Pink
- Strawberry Bicolor pink, rosy red center.
- Violet
- White
- Mix May contain most or all colors in the series.

Mediterranean Series

XP varieties fill in fast with terrific coverage to make big, color-filled baskets.

Height: 4 to 6 in. (10 to 15 cm)
Spread: 20 to 30 in. (51 to 76 cm)

A PanAmerican Seed product.

XP varieties deliver a tight, 5 to 7-day flowering window, luxurious spreading habit, larger flowers and reliable germination. With low water needs in sunny, hot and dry conditions, this is a great alternative to water-hungry crops. Mediterranean is the only series of trailing vincas with a true red.

Mediterranean XP varieties:
- XP Burgundy Halo
- XP Dark Red US PVP 200900043
- XP Hot Rose US PVP 200900084
- XP Peach US PVP 200900080
- XP Red US PVP 200900081
- XP Rose Halo
- XP Strawberry Light pink with rose center. US PVP 200900083
- XP White Pure white. US PVP 200900053
- XP Lipstick Mix Strawberry, Dark Red, Rose Halo and White.
- XP Mix Includes all XP colors.

Mediterranean standard variety:
- Lilac US PVP 9800182
SPREADING/TRAILING VIOLA

Rebelina F₁ Series
Height: 4 to 5 in. (10 to 13 cm)
Spread: 12 in. (30 cm)
Available as Ball Premier Line® seed.
Floriferous trailing plants are ideal for early Spring and Fall hanging baskets, large containers and mass plantings. Short internodes allow plants to spread without stretching. Will overwinter in milder climates.
• Blue & Yellow
• Golden Yellow
• Purple & Yellow
• Red & Yellow

STANDARD VIOLA

Admire Series
Height: 6 in. (15 cm)
Spread: 7 to 8 in. (18 to 20 cm)
Available as Ball Premier Line® seed.
Early-flowering series delivers consistent pack performance, with uniform habit and timing across all colors. Well-suited to both Fall and Spring programs for containers and landscapes.
• Blue
• Deep Blue
• Deep Marina
• Deep Purple Face
• Denim
• Jolly Face
• Lavender Pink Face
• Lemon Purple Wing
• Marina
• Neon Purple Wing
• Orange Purple Wing
• New Orchid
• Pink
• Pink Surprise
• Purple White Face
• Red Blotch
• Ruby Gold
• White
• White Purple Wing
• Yellow
• Yellow Blotch
• Yellow Purple Wing
• BlackBerry Mix Pink, Pink Surprise, Marina and Deep Blue.
• California Mix Yellow, Marina, Denim and Deep Blue.
• Indian Summer Mix Deep Blue, Orange Purple Wing, Purple White Face, Red Blotch and Yellow.
• Maxi Mix Includes all colors.
• Smooth Sailing Mix Blue, Denim, Marina and White.
• Spring Fling Mix Marina, Pink, Pink Surprise and White.

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
VIOLA continued

**ColorMax Series**

- Height: 6 to 8 in. (15 to 20 cm)
- Spread: 6 to 8 in. (15 to 20 cm)
- Available as Ball Premier Line® seed.

ColorMax is highlighted by flowers that are larger than standard violas – more like “small pansies.” Very free-flowering plants fill out containers and maintain their bloom size for more color per square foot. Excellent weather and heat tolerance. Suited to packs, pots, baskets and mixed combos.

- Berry Pie
- Clear Orange
- Clear Purple
- Clear Yellow
- Icy Blue
- Lemon Splash
- Popcorn
- Purple Glow
- Rose With Blotch
- Yellow Jump Up

- Citrus Mix Clear Orange, Popcorn and Clear Yellow.
- Lemonberry Pie Mix Berry Pie, Lemon Splash and Icy Blue.
- Mix May contain most or all colors in the series.
- Royal Mix Yellow Jump Up, Clear Yellow and Clear Purple.

**Deltini Series**

- Height: 3 to 5 in. (8 to 13 cm)
- Spread: 4 to 6 in. (10 to 15 cm)
- Available as Ball Premier Line® seed.

Offers reliable and programmable production with near-day-neutral flowering. Ideal for Winter flowering in the South and West and early Spring in the North. Efficient to produce with reliably fast crop times and a 4-day bloom window between colors, even under short-day conditions.

- Blue
- Blue Purple Wing
- Burgundy
- Copperfield
- Honeybee
- Purple with Golden Center
- Rose Pink
- Violet
- Violet Blue
- Violet Face
- White
- Yellow
- Yellow and Purple
- Yellow Jump Up
- Mix May contain most or all colors in the series.

**Frizzle Sizzle Mini F1 Series**

- Height: 6 to 8 in. (15 to 20 cm)
- Spread: 6 to 8 in. (15 to 20 cm)
- A PanAmerican Seed product.

Available as Ball Premier Line® seed.

Series adds a unique frilly flower form to violas that is great for containers or “close-up” landscapes. Best for cool seasons in early Spring or Fall when stronger ruffling will occur; Spring production is recommended.

- Purple Shades
- Tapestry
- Yellow
- Mix Yellow, Purple Shades and Tapestry.

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
**Penny F1 Series**

Height: 4 to 6 in. (10 to 15 cm)

Spread: 4 to 6 in. (10 to 15 cm)

Available as Ball Premier Line® seed.

Early-flowering violas display 1-in. (2.5-cm) blooms. Uniform in habit and flowering, with excellent cool weather tolerance.

- **Azure Dawn** Unique color – blue shades fade to soft yellows.
- **Beaconsfield**
- **Black**
- **Blue**
- **Clear Yellow**
- **Deep Blue**
- **Denim Jump-Up**
- **Marina**
- **Marlies**
- **Mickey**
- **Orange**
- **New Orange Jump Up Improved** Better earliness and branching, and stronger plant fill.
- **Peach Jump-Up**
- **Primrose Bicolor**
- **Primrose Picotee**
- **Purple Marina**
- **Purple Picotee**
- **Red Blotch**
- **Red Wing**
- **Rose Blotch**
- **New Violet Improved** Deeper color with a bright yellow eye.
- **Violet Face**
- **White**
- **White Blotch**
- **White Jump Up**
- **Yellow**
- **Yellow Blotch**
- **Yellow Jump-Up**
- **All-Season Mix** Blue, Deep Blue, Orange, Yellow and yellow frost (not available separately).
- **Jump-Up Mix**
- **Penny Lane Mix** Formula mix of all Penny colors.
- **Winter Mix** Azure Dawn, Blue and cream (not available separately).

**Quicktime™ F1 Series**

Height: 6 to 8 in. (15 to 20 cm)

Spread: 6 to 8 in. (15 to 20 cm)

A PanAmerican Seed product.

Available as Ball Premier Line® seed.

Early-blooming, free-flowering plants provide bright color in early Spring and Fall gardens. Almost day neutral and free-flowering selection criteria make Quicktime the best option for saving growing time in cold-grown, overwinter-produced viola crops.

- **New Blue**
- **Blue Purple Jump Up**
- **Lemon Jump-Up**
- **Mickey**
- **White Blotch**
- **New Yellow Blotch**
- **Yellow Blue Jump-Up**
- **Yellow Violet Jump-Up**

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
VIOLA continued

Sorbet® F1 Series

Sorbet XP delivers the tightest bloom window and a uniform habit, so growers can send the best-looking violas to retail.

Height: 6 to 8 in. (15 to 20 cm)
Spread: 6 to 8 in. (15 to 20 cm)

A PanAmerican Seed product. Available as Ball Premier Line® seed.

Plants cover the soil at flowering, with more blooms on every plant and less stretching. Fewer PGRs are needed, holdability is superior, and shrink is cut way back. Sorbet’s F1 vigor assures greater germination, earliness, and plug and garden performance. Early-blooming Sorbet remains compact in both heat and cold, making it a standout performer in Spring and Fall. The free-flowering plants perform across a wide range of climatic conditions and have excellent overwintering.

Sorbet XP varieties:
- XP Beaconsfield
- XP Blackberry Purple with almost black cap.
- XP Blue Blotch
- XP Deep Orange
- XP Delft Blue Blue and white bicolor.
- XP Denim Jump Up
- XP Lavender Pink
- XP Lemon Ice Blotch
- XP Lemon Jump Up
- XP Marina
- XP Morpho Blue/yellow bicolor changes with environment; more blue under cool Spring conditions.
- XP Neptune
- XP Orange Jump Up Cap does not fade or disappear as Sorbet standard variety did.
- XP Pink Halo
- XP Pink Wing Pink cap/white face color pattern.
- XP Primrose Blotch
- XP Purple
- XP Purple Face
- XP Raspberry Rose-pink and white shades.
- XP Red Blotch Best plant structure and timing of any red blotch variety for Fall production - more branched and uniform plant and up to 1 week earlier.
- XP True Blue
- XP Violet Beacon
- XP White
- XP White Blotch
- XP White Jump Up
- XP Yellow
- XP Yellow Blotch
- XP Yellow Burgundy Jump Up
- XP Yellow Jump Up
- XP Yellow Pink Jump Up Novelty color - yellow lower petals and lavender-pink cap. NOTE: Cap fades with age and heat or PGR stress, similar to other pink cap types.
- XP YTT Opens white and changes to azure blue; nice color contrast.
- XP All-Season Mix Deep Orange, True Blue, White, and Yellow.
- XP Autumn Select Mix Bold seasonal colors selected for optimal uniformity of timing and habit in Fall.
- XP Blackberry Sundae Mix White Jump Up, White, Purple and Purple Face.
- XP Blotch Mix Best-matched and most well-balanced color mix of any blotch mix. Includes existing blotch varieties plus a preview of future new and improved colors.
- XP Blueberry Sundae Mix True Blue, Delft Blue and White.
- XP Citrus Mix Orange, Yellow and White.
- XP Harvest Mix Orange, Purple and Yellow.
- XP Lemon Parfait Mix Yellow Jump Up, White and Yellow.
- XP Mix May contain most or all colors in the series.
- XP Ocean Breeze Mix Blue Blotch, Marina and White Blotch.
- XP Raspberry Sundae Mix Pink Halo, Raspberry and White Blotch.
- XP Spring Select Mix Selected for optimal uniformity of timing and habit in Spring.

Sorbet standard varieties:
- Antique Shades
- Black Delight
- Carmine Rose
- Fire Pattern varies by environment.
- Honeybee Yellow/copper-orange bicolor. 30% more vigorous and longer peduncles than other Sorbet varieties.
- Icy Blue
- Lemon Chiffon
- Lilac Ice
- Midnight Glow Totally unique color to violas – purple bloom with yellow and blue face with consistent blotch.
- Orchid Rose Beacon
- Rose Wing
- Ruby Gold
- Yellow Blue Jump Up

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
**Dreamland Mix Zinnia**

**Crystal Yellow Zinnia**

**Crystal Orange Zinnia**

**Star Starbright Mix Zinnia**

**Tiger Eye Mix Viola**

**Tiger Eye Series**

**Height:** 5 to 7 in. (13 to 18 cm)

**Spread:** 4 to 6 in. (10 to 15 cm)

Available as Ball Premier Line® seed.

This unique flower pattern was introduced with Angel Tiger Eye – that original color is replaced with Yellow and joined by Red plus a mix of the two to create the Tiger Eye series. Offers earlier flowering, much improved plant habit and better seed quality. Perfect for Halloween promos, and to accompany viola and pansy programs.

- Red
- Yellow
- Mix Red and Yellow.

**WALLFLOWER** See Erysimum.

**ZEA** See Ornamental Corn. Also see Grasses.

**ZINNIA** Also see Cut Flowers.

**Crop Time:** Packs, 8 to 10 weeks

**Z. ANGUSTIFOLIA**

**Crystal Series**

**Height:** 6 to 12 in. (15 to 30 cm)

**Spread:** 10 to 12 in. (25 to 30 cm)

Early plants provide exceptional flowering with daisylike blooms. Features weather tolerance and disease resistance.

- Orange
- White
- All-America Selections National Winner.

- Yellow

**Star Series**

**Height:** 14 in. (36 cm)

**Spread:** 8 in. (20 cm)

A PanAmerican Seed product. Available as Ball Premier Line® seed.

Single, 2-in. (5-cm), star-shaped blooms on vigorous plants that are heat, humidity and drought tolerant. Resists Alternaria and powdery mildew.

- Gold
- Orange
- White
- Starbright Mix

All three colors.

**DWARF Z. ELEGANS**

**Dreamland F1 Series**

**Height:** 8 to 16 in. (20 to 41 cm)

**Spread:** 14 to 18 in. (36 to 46 cm)

Available as Ball Premier Line® seed.

Double, 4-in. (10-cm) blooms.

- Coral
- Ivory
- Pink
- Red
- Rose
- Scarlet
- Yellow
- Mix May contain most or all colors in the series.

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
ZINNIA continued

**Holi F1 Scarlet**

- **Height:** 8 to 12 in. (20 to 30 cm)
- **Spread:** 8 to 10 in. (20 to 25 cms)
- *New!* Now available as Ball Premier Line® de-tailed seed.

With exceptional heat tolerance and disease resistance, Holi Scarlet has fully double flowers for outstanding performance in containers and gardens.

All-America Selections National Winner.

**Magellan Series**

- **Height:** 12 to 14 in. (30 to 36 cm)
- **Spread:** 10 to 12 in. (25 to 30 cm)
- Available as Ball Premier Line® seed.

Vigorous and uniform plants have exceptional flower quality, with large, fully double blooms in vibrant colors. Good for gardens and mixed plantings.

- Cherry
- Coral (Reintroduction)
- Ivory
- Pink
- Salmon
- Scarlet
- Yellow
- Mix

May contain most or all colors in the series.

**Preciosa Series**

- **Height:** 10 to 12 in. (25 to 30 cm)
- **Spread:** TBD
- Available as Ball Premier Line® seed.

Series is more compact than competing zinnias, with more branching and a higher amount of double flowers in a flower size that is slightly smaller.

- Light Yellow
- New Orange
- Pink
- Red
- Rose
- Scarlet
- Tropical Blend
- White
- Yellow
- Formula Mix

May contain most or all colors in the series.
Short Stuff Mix F1
Height: 8 to 10 in. (20 to 25 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Available as Ball Premier Line® seed.
Fully double, 2 to 3-in. (5 to 8-cm) blooms.

Zesty™ Series
Height: 18 to 24 in. (46 to 61 cm)
Spread: 18 to 24 in. (46 to 61 cm)
A Ball Ingenuity product, available exclusively from Ball Seed.
Available as Ball Premier Line® seed.
Series features fully double flowers and excellent vigor for extraordinary garden appeal; displays huge, vibrant colors all season long, and pollinators love this plant!
• Fuchsia
• Pink
• Purple
• Scarlet
• White
• Yellow
• Mix includes all series colors.

Zinnita Mix
Height: 6 to 8 in. (15 to 20 cm)
Spread: 10 in. (25 cm)
Available as Ball Premier Line® seed.
Fully double flowers in orange, rose, scarlet, white and yellow on well-branched, mounded plants. Fast finishing.

TALL Z. ELEGANS
Cut & Come Again Mix
Height: 18 to 24 in. (46 to 61 cm)
Spread: 15 to 20 in. (38 to 51 cm)
Available as Ball Premier Line® seed.
Great for cutting, this bright mix shows a complete color range. Fully double to semi-double flowers have flat petals and grow up to 3 in. (8 cm) in diameter.

State Fair Mix
Height: 36 to 48 in. (91 cm to 1.2 m)
Spread: 12 to 14 in. (30 to 36 cm)
A PanAmerican Seed product.
Large, bright blooms. Good garden cut flower.

Order all the products in this catalog using WebTrack®.
ZINNIA continued

**Uproar Rose**
Height: 28 to 36 in. (71 to 91 cm)
Spread: 24 to 27 in. (61 to 69 cm)
Available as Ball Premier Line® seed.
Vigorous, well-branched plants produce big, double blooms in clear electric rose. Robust variety performs well in Summer gardens and large mixed containers; nice garden cut flower.

**Zowie! Yellow Flame**
Height: 24 to 30 in. (61 to 76 cm)
Spread: 24 to 27 in. (61 to 69 cm)
Available as Ball Premier Line® seed.
Semi-double, 3 to 4-in. (8 to 10-cm) blooms have yellow petal tips with magenta-orange centers for a flamelike look. Well-branched plants are well-suited to cut flower gardens. All-America Selections National Winner.

**Z. GRANDIFLORA**
**Swizzle Series**
Height: 10 to 12 in. (25 to 30 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Available as Ball Premier Line® seed.
Interesting novelty series displays big, fully double, bicolor blooms on full and bushy plants. Good for gardens, containers.
- Cherry & Ivory Cherry with ivory petal tips.
- Scarlet & Yellow Scarlet with yellow petal tips.

**Z. HYBRIDA**
**Pop Art Series**
Summer-long shows of unique color!
Height: 24 to 36 in. (61 to 91 cm)
Spread: 8 in. (20 cm)
Disease-resistant plants produce an abundance of large double flowers on tall stems – each golden yellow bloom appears “hand-painted” with red streaks and splashes. Makes a good home garden cut flower.
- Golden & Red
- White & Red

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
Profusion Double Deep Salmon

Profusion Double Hot Cherry

Profusion Series
Height: 10 to 12 in. (25 to 30 cm)
Spread: 12 to 15 in. (30 to 38 cm)
Available as Ball Premier Line® seed.
Early, continuous-blooming plants perform well under both warm and cool conditions with high humidity. Excellent tolerance to disease including Powdery Mildew and Bacterial Leaf Spot.

- Apricot
- Cherry All-America Selections National Winner.
- Cherry Bicolor
- Coral Pink
- Fire Scarlet-orange.
- Lemon
- Orange All-America Selections National Winner.
- Red All-America Selections National Winner.
- Yellow
- Orange All-America Selections National Winner.
- White All-America Selections National Winner.
- 3 Color Mix Includes all 3 All-America Selections colors – Cherry, Orange and White.
- AAS 4 Color Mix Cherry, Orange, Red and White. All-America Selections National Winners.
- 5 Color Mix Deep Apricot, Cherry, Fire, Orange and White.

Profusion Double Series
Height: 14 to 18 in. (36 to 46 cm)
Spread: 20 to 24 in. (51 to 61 cm)
Available as Ball Premier Line® seed.
Dense, bushy plants are covered with unique, 2-in. (5-cm), daisylike double blooms. Like their single-flowered companions, Profusion Double varieties are highly tolerant to Powdery Mildew and hold up well to heat, humidity and drought.

- Double Deep Salmon All-America Selections National Winner.
- Double Fire
- Double Golden
- Double Hot Cherry All-America Selections National Winner.
- Double White
- Double Yellow
- Double Mix May contain most or all colors in the series.
- Double Sunrise Mix Double Fire, Double White and Double Yellow.
**Z. MARYLANDICA**

**Zahara® Series**

Drive-by color meets disease resistance... WOW!

**Height:** 12 to 18 in. (30 to 46 cm)

**Spread:** 12 to 18 in. (30 to 46 cm)

*A PanAmerican Seed product*

Available as Ball Premier Line® seed.

This color-filled, heat-loving series has 20% larger flowers than the market leader, plus superior disease resistance. An excellent choice in the landscape where *Z. elegans* or vinca varieties have failed in the past. The plants have very low water needs once established in the ground, making the series outstanding in sunny, hot and dry conditions. Count on big retail impact and care-free, season-long shows in landscapes and containers.

- **Cherry** US PVPAF
- **Fire** Bright orange-red hue intensifies outdoors. US PVP 20100090
- **Raspberry** Matches Fire for habit. US PVP 201500215
- **Red** One of the largest flower sizes in the series. Color varies by environment. US PVP 201600030
- **Starlight Rose** Color pattern varies by environment, with the best color from high light, good fertilization and cool nights. All-America Selections National Winner.
- **Sunburst**
- **White** US PVP 201400297
- **Yellow**
- **Bonfire Mix** Red, Fire and Yellow.
- **Mix** May contain most or all colors in the series.
- **Raspberry Lemonade Mix** Raspberry, Yellow and Starlight Rose.

**Double Zahara™ Series**

The only fully double, disease-resistant series on the market.

**Height:** 16 to 20 in. (41 to 51 cm)

**Spread:** 16 to 20 in. (41 to 51 cm)

*A PanAmerican Seed product*

Available as Ball Premier Line® seed.

Boasts all the same exceptional traits as its single Zahara counterparts: bigger flowers than the competition for more color show, low water needs, and superior all-season performance in beds and planters.

- **Bright Orange**
- **Cherry** Slightly less double than others in the series. All-America Selections National Winner. US PV201600027
- **Fire** All-America Selections National Winner. US PVP201600032
- **Raspberry Ripple** US PVP201800173
- **Salmon** US PVPAF
- **White**
- **New Yellow Improved** Larger flower diameter, brighter yellow color and improved vigor. US PVPAF
- **Brilliant Mix** NEW Yellow Improved, Cherry and Fire.
- **Mix** May contain most or all colors in the series.

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
The ColorGrass® program from PanAmerican Seed offers a collection of ornamental grasses from seed, with a wide range of colors, heights, habits and textures.

All grasses and grasslike plants are supplied as Ball Premier Line® seed except Festuca Buddy Blue, Hordeum Tabby, Juncus filiformis spiralis, Lagurus Bunny Tails and Melinis Savannah.

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANEMANTHELE A. lessoniana</td>
<td>A PanAmerican Seed product. A ColorGrass® selection.</td>
<td>Annual</td>
<td>12-14 in. (30-36 cm)</td>
</tr>
<tr>
<td>CAREX C. BUCHANANII</td>
<td>Red Rooster A PanAmerican Seed product. A ColorGrass® selection.</td>
<td>6-9</td>
<td>20-30 in. (51-76 cm)</td>
</tr>
<tr>
<td>CAREX C. COMANS (LEATHERLEAF SEDGE)</td>
<td>Amazon Mist A PanAmerican Seed product. A ColorGrass® selection.</td>
<td>6-10</td>
<td>6-12 in. (15-30 cm)</td>
</tr>
<tr>
<td>CAREX C. COMANS (LEATHERLEAF SEDGE)</td>
<td>Bronco A PanAmerican Seed product. A ColorGrass® selection.</td>
<td>6-10</td>
<td>6-12 in. (15-30 cm)</td>
</tr>
<tr>
<td>CAREX C. COMANS (LEATHERLEAF SEDGE)</td>
<td>Phoenix Green A PanAmerican Seed product. A ColorGrass® selection.</td>
<td>6-10</td>
<td>20-24 in. (51-61 cm)</td>
</tr>
<tr>
<td>CORYNEPHORUS (CLUBAWN GRASS) C. canescens</td>
<td>Spiky Blue A PanAmerican Seed product. A ColorGrass® selection.</td>
<td>5-9</td>
<td>6-12 in. (15-30 cm)</td>
</tr>
</tbody>
</table>

**Leading in the Landscape**

Ball Seed is your one-stop-shop for grasses to enhance the landscape for commercial properties, municipalities and homeowners’ gardens and associations. These grasses are easily grown from seed in your greenhouse for use in containers, pots and landscapes.

Grasses can be tricky to grow from region to region. Most can be used in landscape plantings ornamentally (as an annual), depending on the zone.

Here are the top varieties from our collection that are best for landscape use:

- **Sirocco Anemethel**
  - Makes a great filler in containers with its pink color.
- **Amazon Mist Carex**
  - Best in containers with its feathery texture.
- **Red Rooster Carex**
  - Its reddish-brown color looks great in containers and in the ground.
- **Elijah Blue Festuca**
  - Good as ground cover in the South.
- **Live Wire Isolepis**
  - Fiber optic grass that works well in water applications and terrariums.
- **Blue Arrows Juncus**
  - A bestseller in Zone 5.
- **Javelin Juncus**
  - Ideal for large containers, ground beds and water gardens.
- **Twisted Arrows and Twisted Dart Juncus**
  - Good as ground cover in the South, as well as in containers and water containers.
- **Pink Zebra Ornamental Corn**
  - (page 39)
  - Great for landscapes and containers with its novelty foliage colors and fruit.
- **Ornamental Millet**
  - (page 65)
  - Also a good choice for use in the landscape.
- **Pony Tails Stipa**
  - Use in ground beds, but with caution, as it can be considered invasive; this one is best in containers.
The Cyperus family (Cyperaceae) mainly consists of reed grasses from the subtropical areas. Cyperus felix is the most popular and compact version, and makes for a healthy snack for your house cat.

**Annual 10 in. (25 cm)**

**F . CINEREA/F . GLAUCA**

**Elijah Blue** Small, evergreen ornamental grass makes a fast-growing, dense mound with a blue-gray color that holds up even in the heat of Summer. Buff-colored flowers create eye-catching contrast. Excellent landscape plant for edging or mass groundcover. Drought tolerant when established.

4-11 10 in. (25 cm) 8-12 in. (20-30 cm)

**F . VALESIACA**

**Buddy Blue** Silvery blue. Tuft-forming plants produce open panicles of tiny beige spikes. Good in rock gardens. Wintergreen.

4-8 12 in. (30 cm) 6-12 in. (15-30 cm)

**Tabby** Bright white/green foliage makes an ornamental accent plant for indoor and outdoor containers, as well as an edible treat for both felines and humans. Provides vitamins and fiber for cats, and keeps them from chewing on house plants. Will regrow when cut back for additional harvesting. NOTE: 30 seeds per gram.

**Annual 12-24 in. (30-61 cm) 10-12 in. (25-30 cm)**

**ISOLEPIS (FIBER OPTIC GRASS) I . cernua**

**Live Wire** A PanAmerican Seed product. A ColorGrass® selection. Soft green; tipped with ‘fiber optic’ flower spikes. Dense, mounded; no pinching or PGRs needed. Makes a good container or indoor gift plant; performs well in wet conditions. Prefers shade but can handle sun if moisture level is maintained.

**Annual 6-8 in. (15-20 cm) 18-20 in. (46-51 cm)**

**For the highest quality plugs, liners and pre-finished plants from the best propagators in North America and the most advanced plug and liner networks in the industry, your #1 choice is Ball Seed. With our robust network of growers, we can meet all your seed-raised and rooted needs reliably and consistently, so you'll have what you need when you need it. And with Ball Seed's excellent long-term partnerships with the most expansive dedicated grower truck delivery network covering all of North America, we also make sure you get delivery to your door (in most cases), at the lowest possible cost.**
### Fuseables® Multi-Species Multi-Pellet

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
</tr>
</thead>
<tbody>
<tr>
<td>Twisted Arrows <strong>A PanAmerican Seed product.</strong> Blue-green and green. Upright. Combines Blue Arrows juncus and <em>J. effusus spiralis</em> (curly juncus) for a high-impact mix of colors and textures. Ideal for mixed containers and a good indoor lifestyle plant.</td>
<td>5-9</td>
<td>18-36 in. (46-91 cm)</td>
<td>12-18 in. (30-46 cm)</td>
</tr>
<tr>
<td>Twisted Dart <strong>A PanAmerican Seed product.</strong> Combining Blue Dart juncus and <em>J. effusus spiralis</em> (curly juncus), this shorter version of Twisted Arrows stays more compact for the South, and can be used in hanging baskets. Offers the contrast of blue and green along with straight and twisted.</td>
<td>5-9</td>
<td>14-16 in. (36-41 cm)</td>
<td>10-18 in. (25-46 cm)</td>
</tr>
<tr>
<td>J. EFFUSUS SPIRALIS <strong>A Ball Ingenuity product, available exclusively through Ball Seed.</strong> Green, curly. Upright habit. Economical and easy to grow; can be produced as a mini for expanded sales opportunities. Also thrives in wet conditions, making it a useful pond plant.</td>
<td>5-9</td>
<td>12-14 in. (30-36 cm)</td>
<td>12-14 in. (30-36 cm)</td>
</tr>
<tr>
<td>J. FILIFORMIS <strong>A Ball Ingenuity product, available exclusively through Ball Seed.</strong> Ornamental plant shows off corkscrew-like, twisted green foliage in baskets and planters. Good in bogs and water gardens, too.</td>
<td>5-10</td>
<td>8 in. (20 cm)</td>
<td>12-24 in. (30-61 cm)</td>
</tr>
<tr>
<td>J. INFLEXUS <strong>A PanAmerican Seed product. A ColorGrass® selection.</strong> Blue-green. Upright habit. Heat tolerant in a wide range of environments. Quite drought tolerant when grown in the ground; can also be grown as a pond plant. Great indoor plant.</td>
<td>5-9</td>
<td>36 in. (91 cm)</td>
<td>12 in. (30 cm)</td>
</tr>
<tr>
<td>J. PALLIDUS <strong>A PanAmerican Seed product. A ColorGrass® selection.</strong> Green. Rugged, upright plant can grow in standing water, but also handles heat/drought. Good Winter interest, with straw-color foliage. Also a good “thriller” in mixed containers.</td>
<td>8-10</td>
<td>4 ft. (1.2 m)</td>
<td>18-20 in. (46-51 cm)</td>
</tr>
<tr>
<td>J. TENUS <strong>A PanAmerican Seed product. A ColorGrass® selection.</strong> Blue-green. Upright. Strong vertical plant is a great alternative to spike dracaena. Well-suited to many conditions from standing water to dry soils.</td>
<td>4-10</td>
<td>14-16 in. (36-41 cm)</td>
<td>10-12 in. (25-30 cm)</td>
</tr>
<tr>
<td>Class/Variety</td>
<td>USDA Hardiness Zones</td>
<td>Height</td>
<td>Spread</td>
</tr>
<tr>
<td>----------------------------------</td>
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</tr>
<tr>
<td>KOELERIA <em>K. glauca</em></td>
<td>6-8</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Coolio A PanAmerican Seed product. A ColorGrass® selection. Blue-green. Upright. Ideal for dry locations.</td>
<td>First season: 6-8 in. (15-20 cm)</td>
<td>8 in. (20 cm)</td>
<td>8 in. (20 cm)</td>
</tr>
<tr>
<td>Later: 20 in. (51 cm)</td>
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<tr>
<td>LAGURUS (HARETAIL GRASS) <em>L. ovatus</em></td>
<td>Annual</td>
<td>8 in. (20 cm)</td>
<td>12 in. (30 cm)</td>
</tr>
<tr>
<td>Bunny Tails Silvery green foliage; matures to silvery gray. Distinctive “puffs” like small rabbit tails appear in early Summer, and can be left for Winter interest. Uniform shape.</td>
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<tr>
<td>LUCIA <em>L. nivea</em></td>
<td>4-9</td>
<td>6-12 in. (15-30 cm)</td>
<td>18 in. (46 cm)</td>
</tr>
<tr>
<td>Lucius A PanAmerican Seed product. A ColorGrass® selection. Flat, mid-green leaves are fringed in white hairs; evergreen. Upright, arching habit. Small, white flowers in spiky inflorescences in Spring and early Summer. Flourishes in damp, shady conditions.</td>
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<tr>
<td>MELINIS (RUBY GRASS) <em>M. (Rhynchelytrum) nerviglumis</em></td>
<td>Annual</td>
<td>10 in. (25 cm); 18 in. (46 cm)</td>
<td>10 in. (25 cm)</td>
</tr>
<tr>
<td>Savannah Blue-green; matures to purple-red in Fall. Small, tight mound. Silky pink flowers in early Summer turn creamy white in August. Good Winter interest. Can be used for fresh/dried cut flowers.</td>
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<tr>
<td>MILIUM (GOLDEN MILLET GRASS) <em>M. effusum aureum</em></td>
<td>Annual</td>
<td>18-24 in. (46-61 cm)</td>
<td>18-24 in. (46-61 cm)</td>
</tr>
<tr>
<td>Aureum Elegant, arching, bright golden yellow clumping grass is useful for landscaping and mixed containers. Shows best color in Spring and Fall.</td>
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<tr>
<td>PANICUM Fontaine See Cut Flowers, page 205.</td>
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<tr>
<td>STIPA (MEXICAN FEATHER GRASS) <em>S. tenuissima</em></td>
<td>Annual</td>
<td>16-24 in. (41-61 cm)</td>
<td>24 in. (61 cm)</td>
</tr>
<tr>
<td>ZEA (ORNAMENTAL CORN) <em>Zea mays</em></td>
<td>Annual</td>
<td>4-5 ft. (1.2-1.5 m)</td>
<td>24-28 in. (61-71 cm)</td>
</tr>
<tr>
<td>Field of Dreams Wide, wavy, pink-tinged green leaves have strong white stripes. Useful as the centerpiece in a mixed container or as an accent in the landscape. An added bonus: produces ears with dark kernels that can be used for popcorn.</td>
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<tr>
<td>Pink Zebra See Annuals, page 39.</td>
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</tbody>
</table>
In Full, On Time – Every Time

Ball Seed Connects You to an expansive network of growers and suppliers that covers all of North America. So, every time you order, you know it will be coming direct to your door on a grower delivery truck you can trust.

You can buy with confidence from Ball Seed. Our reliable supply network can connect you to the industry’s top products, backed by the best order fill, quality, on-time shipping and more.

You also have access to Ball Seed’s partner product experts and trial data, as well as exclusive programs and niche opportunities with on-trend product selection. And, WebTrack® offers live supplier inventory, so you know what’s available when and can order with a simple click. Our every-Friday reporting system keeps you up to date on shipping and delivery info for your order, with estimated time of arrival and tracking numbers.

Plugs and Liners
NEW Earlybird Blue White Aquilegia, page 145
MUST-SEE ADDITIONS TO OUR LINEUP

Aquilegia Earlybird Series 8 colors and a Mix ........................................ 145
Arabis Barranca Pink & Deep Rose ...................................................... 147
Aurinia Gold Rush ................................................................. 148
Digitalis Panther ................................................................. 156
Echinacea Artisan Collection Red Ombre & Soft Orange .................. 156
Lavandula Torch Minty Ice.......................................................... 162
Lobelia Starship 3 colors .......................................................... 164
Lupine Lupini White Shades ..................................................... 165
Mertensia Silver Ocean .......................................................... 166
Sempervivum Hippie Chicks ApeX ............................................... 170

POPULAR PERENNIAL MAKES A COMEBACK!

Delphinium Dasante Blue .......................................................... 153

Explore a range of blooms that fill gardens with beauty all Spring, Summer and Fall, year after year.
<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACHILLES (YARROW) <em>A. millefolium</em></td>
<td>3-9</td>
<td>24-30 in. (61-76 cm)</td>
<td>36 in. (91 cm)</td>
<td>Mid-Summer to Fall</td>
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</tr>
<tr>
<td><strong>‘Summer Berries’</strong> Mix of intense red, cerise and pink shades.</td>
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<td><em>AGASTACHE</em></td>
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<tr>
<td>A. Foeniculum (Anise Hyssop)</td>
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<tr>
<td><strong>Golden Jubilee</strong> (Reintroduction) Bushy, upright and fast-growing plants feature lime green to golden leaves with fade-resistant lavender blue spikes. Low maintenance, drought and heat tolerant, attracts butterflies. <strong>All-America Selections National Winner.</strong></td>
<td>4-10</td>
<td>15 to 19 in. (38-48 cm)</td>
<td>20-24 in. (51-61 cm)</td>
<td>Late Spring to late Summer</td>
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<tr>
<td><em>A. HYBRID</em></td>
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<tr>
<td><strong>Arizona Series</strong> Compact and uniform, this drought-tolerant perennial is extremely floriferous with little care once established.</td>
<td>To 6</td>
<td>8-10 in. (20-25 cm)</td>
<td>8-10 in. (20-25 cm)</td>
<td>Early Summer to Fall</td>
<td></td>
</tr>
<tr>
<td><strong>Chater’s Series</strong> Double flowers are produced in tall columns. Good garden cut flower.</td>
<td>3-9</td>
<td>70-80 in. (1.78-2 m)</td>
<td>20-24 in. (51-61 cm)</td>
<td>Summer</td>
<td></td>
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<tr>
<td>Uses: Gardens, landscapes, cut flower; use fresh or dried</td>
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<tr>
<td><strong>‘Summer Berries’</strong> Mix of intense red, cerise and pink shades.</td>
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</table>
## ALCHEMILLA

**ALCHEMILLA A. mollis**

**Thriller** Striking, profuse greenish-yellow flowers above bright green, woolly-textured leaves make Lady’s Mantle an outstanding garden performer in borders, as groundcover or grouped with plants such as Siberian iris, astilbe or hosta. Flower sprays dry well for arrangements. Heat and shade tolerant. Will self-sow.

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
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<tbody>
<tr>
<td><strong>ALCHEMILLA A. mollis</strong></td>
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<tr>
<td><strong>Thriller</strong></td>
<td>3-7</td>
<td>15-20 in. (38-50 cm)</td>
<td>18-24 in. (46-61 cm)</td>
<td>Late Spring, Summer</td>
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</tr>
</tbody>
</table>

## AQUILEGIA (COLUMBINE)

**AQUILEGIA (COLUMBINE)**

**Uses:** Gardens, containers, cut flower

**A. CAERULEA**

**Kirigami Series** Bold, vibrant colors with upward facing flowers on an upright plant. Uniform, with a narrow flowering window across the series and minimal vernalization requirement. Very programmable.

- Deep Blue & White
- Light Blue & White
- Red & White
- Rose & Pink
- Yellow
- Mix May contain most or all colors in the series.

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
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<tbody>
<tr>
<td><strong>AQUILEGIA (COLUMBINE)</strong></td>
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<tr>
<td><strong>A. CAERULEA</strong></td>
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<tr>
<td><strong>Kirigami Series</strong></td>
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<tr>
<td><strong>Deep Blue &amp; White</strong></td>
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<tr>
<td><strong>Light Blue &amp; White</strong></td>
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<td><strong>Red &amp; White</strong></td>
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<tr>
<td><strong>Rose &amp; Pink</strong></td>
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<tr>
<td><strong>Yellow</strong></td>
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<tr>
<td><strong>Mix</strong></td>
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<td><strong>Light Blue &amp; White</strong></td>
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<td><strong>Red &amp; White</strong></td>
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<tr>
<td><strong>Rose &amp; Pink</strong></td>
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<td><strong>Yellow</strong></td>
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<tr>
<td><strong>Mix</strong></td>
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</table>

**A. HYBRIDA**

**Clementine Series** A Kieft Seed Perennial. Available as Ball Premier Line® seed. Unique spurless, double flowers resemble clematis blooms. Compact.

- Blue
- Dark Purple
- Red
- Rose
- Salmon Rose
- White
- Formula Mix

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
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</thead>
<tbody>
<tr>
<td><strong>AQUILEGIA (COLUMBINE)</strong></td>
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<tr>
<td><strong>A. HYBRIDA</strong></td>
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<tr>
<td><strong>Clementine Series</strong></td>
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</tr>
<tr>
<td><strong>Blue</strong></td>
<td>3-8</td>
<td>14-16 in. (36-41 cm)</td>
<td>12-14 in. (30-36 cm)</td>
<td>Spring</td>
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<tr>
<td><strong>Dark Purple</strong></td>
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</tr>
<tr>
<td><strong>Red</strong></td>
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</tr>
<tr>
<td><strong>Rose</strong></td>
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<tr>
<td><strong>Salmon Rose</strong></td>
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<tr>
<td><strong>White</strong></td>
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</tr>
<tr>
<td><strong>Formula Mix</strong></td>
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</table>

**F1 ANEMONE A. coronaria** See Annuals & Cut Flowers.
<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A. HYBRIDA</strong></td>
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<tr>
<td><strong>NEW Earlybird™ F1 Series A Kieft Seed Perennial.</strong></td>
<td>✓</td>
<td>3-9</td>
<td>9 to 11 in. (23 to 28 cm)</td>
<td>8 to 10 in. (20 to 25 cm)</td>
<td>Early Spring to Summer</td>
</tr>
<tr>
<td>Strong, new colors and color combinations spark new interest in Aquilegia! This new series has a low cold requirement and short juvenility for growing in warm Winter climates. Features a controlled habit, with relatively short stems on well-mounded plants.</td>
<td></td>
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<tr>
<td>• Blue White</td>
<td>Features a slightly more slender plant habit compared to the rest of the series.</td>
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<tr>
<td>• Purple Blue</td>
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<tr>
<td>• Purple White</td>
<td>Flowers 2 to 3 days earlier than the rest of the series.</td>
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<tr>
<td>• Purple Yellow</td>
<td>Flowers 5 to 7 days later than the series average, and is 2 in. (5 cm) taller.</td>
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<tr>
<td>• Red White</td>
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<tr>
<td>• Red Yellow</td>
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<td>• White</td>
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<tr>
<td>• Yellow</td>
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<tr>
<td>• Mixture</td>
<td>May contain most or all colors in the series.</td>
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</tr>
<tr>
<td><strong>McKana’s Giant Mix</strong></td>
<td>Bicolor blooms include cream, red, rose, yellow and white.</td>
<td>3-8</td>
<td>24-30 in. (61-76 cm)</td>
<td>12-18 in. (30-46 cm)</td>
<td>Spring</td>
</tr>
<tr>
<td><strong>Songbird F1 Series A Kieft Seed Perennial.</strong></td>
<td>Upright and floriferous. Can be flowered in Spring from a Fall sowing when grown in a cool greenhouse (nights lower than 60°F/16°C) with no special vernalization.</td>
<td>✓</td>
<td>3-9</td>
<td>Varies by variety</td>
<td>10-14 in. (25-36 cm)</td>
</tr>
<tr>
<td>• Bluebird Light blue and white, 11 in. (28 cm).</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Robin Soft pink, 18 in. (45 cm).</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### AQUILEGIA HYBRIDA continued

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Swan F₁ Series</strong> A Kieft Seed Perennial</td>
<td>3-9</td>
<td>20-24 in. (50-61 cm)</td>
<td>12-14 in. (30-36 cm)</td>
<td>Spring and early Summer</td>
<td></td>
</tr>
<tr>
<td>Uniform size, large blooms and exceptional garden performance. Very high bud count for more flowers.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Blue And White • Burgundy And White • Lavender</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Pink And Yellow Up to 4 weeks earlier than other Swans.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Red And White • Violet And White • Yellow</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Mix All colors except Pink And Yellow.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### A. VULGARIS

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Winky Series</strong> A Kieft Seed Perennial</td>
<td>3-8</td>
<td>12-14 in. (30-36 cm)</td>
<td>12-14 in. (30-36 cm)</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>Compact, mounded plants have a uniform height and habit. Upright-facing flowers on strong stems.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Blue-White • Purple-White • Red-White • Rose-Rose</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Mix Bright solid colors and bicolors.</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

### A. FLABELLATA

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Winky Double Series</strong> A Kieft Seed Perennial</td>
<td>3-8</td>
<td>12-14 in. (30-36 cm)</td>
<td>12-14 in. (30-36 cm)</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>Upward-facing, small, double flowers form along sturdy stems. Compact, uniform plants deliver long flowering time and very good garden performance.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Dark Blue-White • Red-White • Rose-White</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Mix May contain most or all colors in the series.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Class/Variety</td>
<td>First Year Flower</td>
<td>USDA Hardiness Zones</td>
<td>Height</td>
<td>Spread</td>
<td>Bloom Time</td>
</tr>
<tr>
<td>----------------------</td>
<td>-------------------</td>
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<td>--------</td>
<td>--------</td>
<td>------------------</td>
</tr>
<tr>
<td>ARABIS (ROCK CRESS)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. BLEPHAROPHYLLA</td>
<td></td>
<td>4-9a</td>
<td>6-8 in. (15-20 cm)</td>
<td>7-8 in. (18-20 cm)</td>
<td>Early Spring to Spring</td>
</tr>
<tr>
<td><strong>New Barranca™ Series</strong></td>
<td>A Kieft Seed Perennial.</td>
<td>The Barranca series offers two colors in <em>A. blepharophylla</em>, producing a highly uniform crop that is short-stemmed with a lot of flower power. The series includes Deep Rose and Pink (violet pink), a unique color in this floriferous, early-Spring flowering perennial.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deep Rose</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pink</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 to 5 days earlier than Deep Rose, with more clear green foliage.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>‘Spring Charm’</td>
<td></td>
<td>4-7</td>
<td>6-8 in. (15-20 cm)</td>
<td>8 in. (20 cm)</td>
<td>Spring</td>
</tr>
<tr>
<td>A. CAUCASICA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Little Treasure Deep Rose</td>
<td>A Kieft Seed Perennial.</td>
<td>Uniform in habit and flower timing throughout the series, with stable, intense rose color for early-Spring shipping. Fall-planted perennial requires vernalization. Compact habit for quarts and gallons.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-7</td>
<td>4-8 in. (10-20 cm)</td>
<td>4-8 in. (10-20 cm)</td>
<td></td>
<td></td>
<td>Early Spring</td>
</tr>
<tr>
<td>ARENARIA (SANDWORT)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. montana</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>montana</td>
<td></td>
<td>4-8</td>
<td>6 in. (15 cm)</td>
<td>12 in. (30 cm)</td>
<td>Late Spring to early Summer</td>
</tr>
</tbody>
</table>

Order all the products in this catalog using WebTrack®.
**ARMERIA (THRIFT, SEA PINKS)**

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A. MARITIMA</strong></td>
<td>✓</td>
<td>4-8</td>
<td>6 in. (15 cm)</td>
<td>6-7 in. (15-18 cm)</td>
<td>Spring</td>
</tr>
<tr>
<td><strong>Morning Star Series</strong> Petite, compact plants produce many long-lasting flowers over deep-green, grasslike foliage. Perfect for 3 to 4-in. (7 to 10-cm) programs.</td>
<td>✓</td>
<td>7-9</td>
<td>8-10 in. (20-25 cm)</td>
<td>8-10 in. (20-25 cm)</td>
<td>Spring</td>
</tr>
<tr>
<td><strong>A. PSEUDOARMERIA</strong></td>
<td>✓</td>
<td>7-9</td>
<td>8-10 in. (20-25 cm)</td>
<td>8-10 in. (20-25 cm)</td>
<td>Spring</td>
</tr>
</tbody>
</table>

**BALLERINA SERIES** A Kieft Seed Perennial. High-quality, programmable series fits early-season programs well. Many small, single flowers on short, strong stems over dense mounds of medium green, linear leaves; evergreen. Compact, upright plants have uniform flowering and plant habit.

- **Lilac** • **Red** • **White** • **Formula Mix**

**ASCLEPIAS (MILKWEED, BUTTERFLY WEED)** A. tuberosa

- **tuberosa** Upright and vigorous, with large umbels of bright orange flowers. Slender foliage produces a milky sap.

**ASTER A. alpinus**

- **Happy End** Rose-pink, daisy-shaped flowers with a yellow eye bloom from late Spring through early Summer, with a low clump of bright green foliage. Great for borders and rock gardens.

**AUBRIETA A. hybrida**

- **Audrey Series** First F1 aubrieta from seed. Large flowers on compact, uniform plants produce a good display of color and have a long shelf life.

- **Blue Shades** • **Purple Shades** • **Skyblue**

**AURINIA A. saxatile**

- **New Gold Rush** A Kieft Seed Perennial. Shorter-stemmed Aurinia features a more uniform plant habit and earlier flowering than the competition. Evergreen early-Spring flowering perennial forms neat rosettes.
### BELLIS (ENGLISH DAISY)  *B. perennis*

**Uses:** Gardens, landscapes

**Bellissima™ Series**  A Kieft Seed Perennial. Available as Ball Premier Line® seed.

- **Sturdy, compact and low-growing plants produce many early, large and double blooms.**
  - **• Red • Rose • Rose Bicolor • White**
  - **• Mix** May contain most or all colors in the series.

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bellissima Mix</td>
<td>✓</td>
<td>4-7</td>
<td>6-10 in. (15-25 cm)</td>
<td>5-8 in. (15-20 cm)</td>
</tr>
<tr>
<td>Habanera Mix</td>
<td>✓</td>
<td>4-9</td>
<td>6 in. (15 cm)</td>
<td>6-8 in. (15-20 cm)</td>
</tr>
<tr>
<td>Speedstar Plus Series</td>
<td>✓</td>
<td>5-7</td>
<td>5 in. (13 cm)</td>
<td>4-5 in. (10-13 cm)</td>
</tr>
<tr>
<td>Tasso Series</td>
<td>✓</td>
<td>4-8</td>
<td>5 in. (13 cm)</td>
<td>6-8 in. (15-20 cm)</td>
</tr>
</tbody>
</table>

**BERGENIA  *B. cordifolia***

**Shoeshine Rose** Vibrant rose flowers top mounded, mid-vigor plants. Dark green foliage turns glossy bronze in the cool nights of Fall and Winter, and puts on a good year-round show.

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shoeshine Rose</td>
<td>4-9</td>
<td>8-12 in. (20-30 cm)</td>
<td>10-12 in. (25-30 cm)</td>
<td>Early Spring</td>
</tr>
<tr>
<td>Class/Variety</td>
<td>First Year Flower</td>
<td>USDA Hardiness Zones</td>
<td>Height</td>
<td>Spread</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>-------------------</td>
<td>----------------------</td>
<td>----------</td>
<td>----------</td>
</tr>
<tr>
<td><strong>F: CAMPANULA (BELLFLOWER, CARPATHIAN HAREBELLS)</strong> Also see Annuals and Cut Flowers.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. COCHLEARIIFOLIA (DWARF BELLFLOWER)</td>
<td>✓</td>
<td></td>
<td>6-7</td>
<td>6 in. (13 cm)</td>
</tr>
<tr>
<td>Alpine Breeze Series</td>
<td>Available as Ball Premier Line® seed.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>This perennial is significantly earlier than other campanula varieties. It has a narrow flowering window but is very floriferous. Looks great in pots and combinations.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Blue • White</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. CARPATICA</td>
<td>✓</td>
<td></td>
<td>6-9</td>
<td>6-8 in. (15-20 cm)</td>
</tr>
<tr>
<td>Clips Series</td>
<td>Available as Ball Premier Line® seed.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>This plant produces masses of large bell-shaped flowers and grows well both indoors and outdoors. Suitable for year-round production of flowering pots or indoor plants. Perfect timing for early Spring and Summer sales. Attractive addition to landscapes and borders.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Blue • Deep Blue • White</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pearl Series</td>
<td>Available as Ball Premier Line® seed.</td>
<td></td>
<td>3-8</td>
<td>6-8 in. (15-20 cm)</td>
</tr>
<tr>
<td></td>
<td>Compact, globe-shaped plants flower up to 3 weeks before other C. carpatica varieties. Also useful as an indoor lifestyle plant. • Deep Blue • White</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pristar Series</td>
<td>Earliest-flowering C. carpatica series on the market produces lots of extra-large flowers on rounded, uniform, mid-vigor plants. • Deep Blue • White</td>
<td></td>
<td>4-9</td>
<td>8-12 in. (20-30 cm)</td>
</tr>
<tr>
<td>Rapido Series</td>
<td>A Kieft Seed Perennial.</td>
<td></td>
<td>3-9</td>
<td>5-7 in. (13-18 cm)</td>
</tr>
<tr>
<td></td>
<td>Available as Ball Premier Line® seed.</td>
<td></td>
<td></td>
<td>5-8 in. (13-20 cm)</td>
</tr>
<tr>
<td></td>
<td>Earliest C. carpatica – up to 4 weeks earlier than other varieties. Delivers good young plant and finished plant vigor, while maintaining compact habit. Very short harvest window. Showy Spring perennial is ideal for high-volume bench run pot plant programs for 4-in. (10-cm) pots or gallons. Versatile – suited to patio planters and gardens, as well as indoor novelty pot plant. • Blue • White</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Swinging Bells Series</td>
<td>Seed variety of C. cochleariifolia allows flexibility for production scheduling. 100% flowering under long-day conditions. Very compact habit for high-density production. Masses of flowers for outstanding color on the bench. • Blue • White</td>
<td></td>
<td>6-9</td>
<td>8-12 in. (20-30 cm)</td>
</tr>
</tbody>
</table>
### C. PERSICIFOLIA

**Takion Blue**
*Available as Ball Premier Line® seed.*
Beautiful upright, bell-shaped flowers 2 to 2.5 in. (5 to 6 cm) in diameter, on upright spikes that are about half the height of the standard *C. persicifolia* varieties. Bred for a dwarf habit. Extremely attractive, floriferous plants.

<table>
<thead>
<tr>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>✓</td>
<td>4</td>
<td>16-20 in. (41-51 cm)</td>
<td>12-16 in. (30-41 cm)</td>
<td>Spring to early Summer</td>
</tr>
</tbody>
</table>

### C. PORTENSCHLAGIANA

**Clockwise Compact Deep Blue**
First F1 hybrid *C. portenschlagiana*, offering fast, uniform production. No vernalization needed. Dark blue on a dense, compact habit requiring less PGRs. Highly uniform in habit and flowering time.

<table>
<thead>
<tr>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>✓</td>
<td>3-7</td>
<td>8-12 in. (20-30 cm)</td>
<td>4-8 in. (10-20 cm)</td>
<td>Summer</td>
</tr>
</tbody>
</table>

### CAREX
See Grasses.

### F1 CARNATION

**Can Can Series** See page 32.

### CENTAUREA (MOUNTAIN BLUE, CORNFLOWER) C. montana

**‘Blue’** Fringed, deep blue flowers top bushy, silvery-green foliage.

<table>
<thead>
<tr>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>✓</td>
<td>3-9</td>
<td>18-24 in. (46-61 cm)</td>
<td>12-18 in. (30-46 cm)</td>
<td>Summer</td>
</tr>
</tbody>
</table>

### CHrysanthemum
See Leucanthemum. Also see Annuals (Chrysanthemum).

---

### Landscape Resources at Your Fingertips

Ball Seed offers a variety of resources for landscape designers, including information on new plants for landscapes, design ideas, photos, catalogs and a supplier locator at BallLandscape.com.

**Darwin Perennials Day** offers growers, suppliers and landscape designers the chance to see dozens of exciting perennial varieties for the landscape in the Gardens at Ball. The event features more than 30 leading perennial suppliers, as well as educational sessions and discussions on trends. Visit darwinperennials.com for more information.
<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>COREOPSIS (TICKSEED) C. grandiflora</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uses: Gardens, landscapes, mixed containers, cut flower</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Andiamo Yellow Red F1 Summer-flowering F1 hybrid with very uniform habit and early flowering for simplified production in quarts and gallons.</strong></td>
<td>✓</td>
<td>5-9</td>
<td>12-16 in. (30-41 cm)</td>
<td>6-8 in. (15-20 cm)</td>
<td>Late Spring, Summer</td>
</tr>
<tr>
<td><strong>Double the Sun A Kieft Seed Perennial. Available as Ball Premier Line® seed.</strong></td>
<td>✓</td>
<td>4-9</td>
<td>12-14 in. (30-36 cm)</td>
<td>12-14 in. (30-36 cm)</td>
<td>Spring to Fall</td>
</tr>
<tr>
<td>This &quot;tough&quot; perennial offers excellent heat and drought tolerance once established in the garden. Shows off big, semi-double flowers in a bright solid yellow when planted in full sun.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>'Early Sunrise' A Kieft Seed Perennial. Available as Ball Premier Line® seed.</strong></td>
<td>✓</td>
<td>4-9</td>
<td>24 in. (61 cm)</td>
<td>22-24 in. (56-61 cm)</td>
<td>Mid-Spring to Summer</td>
</tr>
<tr>
<td>Compact and upright with golden yellow, semi-double blooms. Fits into annual production schedules well. <strong>All-America Selections National Winner.</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Presto First-year-flowering, semi-double, golden-yellow daisy flowers with a compact mound of dark green foliage. Thrives in the heat and provide early Summer through Fall blooming.</strong></td>
<td>✓</td>
<td>4-9</td>
<td>6-8 in. (15-20 cm)</td>
<td>6-8 in. (15-20 cm)</td>
<td>Early Summer to Fall</td>
</tr>
<tr>
<td><strong>‘Sunfire’ A Kieft Seed Perennial. Available as Ball Premier Line® seed.</strong></td>
<td>✓</td>
<td>4-9</td>
<td>24 in. (61 cm)</td>
<td>22-24 in. (56-61 cm) after over-wintering</td>
<td>Mid-Spring to Summer</td>
</tr>
<tr>
<td>Single, yellow flowers have a burgundy-red center. Well-matched to Rising Sun for habit, timing.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SunKiss A Kieft Seed Perennial. Available as Ball Premier Line® seed.</strong></td>
<td>✓</td>
<td>4-9</td>
<td>12-14 in. (30-36 cm)</td>
<td>14-16 in. (36-41 cm)</td>
<td>Late Spring to late Summer</td>
</tr>
<tr>
<td>A color breakthrough in seed C. grandiflora: SunKiss is the brightest yellow with large blotch available. Controlled habit using fewer PGRs, or none in certain conditions. Fast finish. Well-branched and floriferous, with excellent heat tolerance. US PVP201700014</td>
<td></td>
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<td></td>
</tr>
<tr>
<td><strong>CORYNEPHORUS</strong> See Grasses.</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
**DELPHINIUM (LARKSPUR)**  
*Also see Cut Flowers (Delphinium & Larkspur).*

**Uses:** Gardens, cut flower

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>D. X BELLADONNA</td>
<td></td>
<td>3-8</td>
<td>30-36 in. (76-91 cm)</td>
<td>10-12 in. (25-30 cm)</td>
<td>Early Summer</td>
</tr>
<tr>
<td>‘Belladonna’ Light blue flowers.</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>‘Bellamosum’ Deep blue flowers. Good companion to ‘Belladonna’.</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D. ELATUM</td>
<td></td>
<td>3-8</td>
<td>30-36 in. (76-91 cm)</td>
<td>10-12 in. (25-30 cm)</td>
<td>Early Summer</td>
</tr>
<tr>
<td>‘Casablanca’ White blooms; contains a small percentage of pale blue flowers. Can be grown year-round in coastal or mild Winter regions.</td>
<td>✓</td>
<td></td>
<td>42 in. (1.1 m)</td>
<td>10-12 in. (25-30 cm)</td>
<td>Early Summer</td>
</tr>
</tbody>
</table>
| Dasante Blue F₁ (Reintroduction)  
A Kieft Seed Perennial.  
Dasante Blue shows off vibrant true blue flowers with light purple accents and white bees. The grower-friendly, uniform plants are more compact, more responsive to PGRs and naturally earlier than other D. elatum types. Plants ship well, with more plants per rack in flower than any other Delphinium for tremendous retail impact. | ✓                  |                      | 28-34 in. (71-86 cm) | 10-12 in. (25-30 cm) | Early Spring to Spring |
| Delphina Series The first series of compact *D. elatum* needs less PGRs during production. Both foliage and flowers have excellent branching. Upright plants can be used in small pot production and work well in mixed combos.  
• Dark Blue Black Bee  
• Dark Blue White Bee  
• Light Blue White Bee  
• Rose White Bee | ✓                  |                      | 14-18 in. (36-46 cm) | 6-10 in. (15-25 cm) | Late Spring |
| Guardian F₁ Series A Kieft Seed Perennial.  
Available as Ball Premier Line® seed.  
Very uniform and highly programmable. Can be grown in 6-in. (15-cm) pots – and possibly even 4.5-in. (11-cm) pots – with no PGRs.  
• Blue  
• Lavender  
• White  
• Mix May contain most or all colors in the series. | ✓                  |                      | 30-39 in. (76-99 cm) | 10-12 in. (25-30 cm) | Early Summer |
### DELPHINIUM ELATUM continued

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Magic Fountains Series</strong></td>
<td></td>
<td></td>
<td>3-8</td>
<td>3-4 ft. (91 cm - 1.2 m)</td>
<td>24-36 in. (61-91 cm)</td>
</tr>
<tr>
<td>Sturdy, compact plants.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Cherry Blossom/White Bee</td>
<td>Soft pink</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Dark Blue/Dark Bee</td>
<td>Dark Blue/White Bee</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Lavender/White Bee</td>
<td>Lilac Pink/White Bee</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Mid Blue/White Bee</td>
<td>Pure White</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Sky Blue/White Bee</td>
<td>White/Dark Bee</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Crystal Mix</td>
<td>White bee varieties.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Mix</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All varieties have white bees, except Blue Jay, Black Knight and Percival, which have black bees.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Astolat</td>
<td>Bluish pink shades with darker tones. Can show both creamy white and dark bees.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Black Knight</td>
<td>Dark blue</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Blue Jay Medium blue</td>
<td>Cameliard Lavender-rose.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Galahad</td>
<td>Pure white</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Guinevere</td>
<td>Lavender-pink</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• King Arthur</td>
<td>Royal violet</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Percival</td>
<td>White</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Summer Skies</td>
<td>Light blue</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Round Table Mix</td>
<td>All of the series colors.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Pacific Giants Series</strong></td>
<td></td>
<td></td>
<td>3-8</td>
<td>4.5-6 ft. (1.4-1.8 m)</td>
<td>10-12 in. (25-30 cm)</td>
</tr>
<tr>
<td>Large, semi-double blooms.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All varieties have white bees, except Blue Jay, Black Knight and Percival, which have black bees.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Blue Butterfly</td>
<td>Rich blue flowers on broad flower spikes.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• ‘Blue Mirror’</td>
<td>Deep electric blue flowers on tall, strong stems. Season-long bloomer.</td>
<td>3-8</td>
<td>20 in. (51 cm)</td>
<td>16 in. (41 cm)</td>
<td>Mid-Spring to mid-Summer</td>
</tr>
<tr>
<td>• ‘Diamonds Blue’ F1 Kieft Seed Perennial.</td>
<td>The first F1 spurless variety from seed.</td>
<td>4-9</td>
<td>16-24 in. (41-61 cm)</td>
<td>10-12 in. (25-30 cm)</td>
<td>Early Summer</td>
</tr>
<tr>
<td>Produces high-impact cerulean blue flowers that “face up” at retail and in the garden. Uniform plants can be shipped and sold at first color.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Summer Series</td>
<td>Uniform, early and well-branched. Features dainty flower clusters rather than traditional long, spiky stems. Thrives in heat and humidity without stretching.</td>
<td>3-8</td>
<td>12 in. (30 cm)</td>
<td>10-12 in. (25-30 cm)</td>
<td>Mid-Spring to mid-Summer</td>
</tr>
<tr>
<td>• Blues Bright sky blue.</td>
<td>Cloud Bicolor blue and white.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Morning Delicate light pink.</td>
<td>Nights Midnight blue.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Stars Pure white.</td>
<td>Colors Mix Sky blue, deep blue and white.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Dianthus (Sweet William)

**Uses:** Gardens, landscapes, mixed containers

**DIANTHUS** (SWEET WILLIAM) 

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>D. BARBATUS INTERSPECIFIC SINGLE-FLOWERED TYPE</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Rockin’™ Series</strong></td>
<td>5-8</td>
<td></td>
<td>10-12 in. (25-30 cm)</td>
<td></td>
<td>Mid-Spring and Fall</td>
</tr>
<tr>
<td>Available as Ball Premier Line® seed. Reliably overwinters to assure multi-year performance. A good choice to expand premium product sales in quarts and gallons for cool-season decorating.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Pink Magic • Purple • Red • Rose</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>D. DELTOIDES (MAIDEN PINKS)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Flash</strong></td>
<td>4-6</td>
<td></td>
<td>8-12 in. (20-30 cm)</td>
<td></td>
<td>Spring</td>
</tr>
<tr>
<td>A mat-forming, evergreen plant that features gray-green foliage and highly attractive, lightly fragrant, small pink flowers.</td>
<td>20 in. (51 cm)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>‘Zing Rose’</strong></td>
<td>4-7</td>
<td></td>
<td>12-24 in. (30-61 cm)</td>
<td></td>
<td>Spring through Fall</td>
</tr>
<tr>
<td>Large, deep red, single blooms top green, grasslike foliage. Low-growing and spreading. Good repeat bloomer. Tolerates partial shade.</td>
<td>6-12 in. (15-30 cm)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**Access Resources 24/7**

Visit ballseed.com to find solutions quickly and easily. You’ll find product information, supplier resources, marketing solutions, printed and video culture guidelines, a full image library, electronic catalogs, and more.

Explore resources like Ball FloraPlant®’s BFP TV, expansive product culture from PanAmerican Seed®, scheduling tools and technical growing guides for perennials, mums and poinsettias.

Social media interaction with LinkedIn, Facebook, Twitter, Instagram and Ball Seed’s own GrowIt!™ app put you at the forefront of technology and consumer awareness.

It’s all there when and where you need it.

---

[Images of Dianthus Rockin' Red, Dianthus Rockin' Pink Magic, and Dianthus Rockin' Purple]
**P: DIGITALIS (COMMON FOXGLOVE)**

Uses: Gardens, landscapes, large containers, cut flower

**New Panther Available as Ball Premier Line® seed.**
Vibrant rose-pink with a speckled throat. Compact, uniform, heavily branching plants produce multiple flower spikes at one time.

**D. HYBRIDA**

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes</td>
<td>5</td>
<td>18-22 in (46-56 cm)</td>
<td>Late Spring to Winter</td>
</tr>
<tr>
<td>New Panther</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Camelot Series Available as Ball Premier Line® seed.** High germination and strong vigor, plus uniform growth and flowering. Very large spikes hold bell-shaped, scented blooms.

- Cream • Lavender • Rose • White
- Mix May contain most or all colors in the series.

**D. PURPUREA**

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Camelot Series</td>
<td>Yes</td>
<td>4-9</td>
<td>42-48 in. (1.1-1.2 m)</td>
<td>Early Summer</td>
</tr>
</tbody>
</table>

**Dalmatian Series A Kieft Seed Perennial. Available as Ball Premier Line® seed.** Earlier and more compact than others of this type. Very uniform and well-branched with good-quality spikes.

- Crème • Peach • Purple • Rose • White • Formula Mix

**D. purpurea Mix**
The dried leaves are the principal source of the drug digitalis, a potent heart medicine, making the plant poisonous to animals and humans.

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dalmatian Series</td>
<td>Yes</td>
<td>5-9</td>
<td>16-20 in. (41-51 cm)</td>
<td>Early Summer</td>
</tr>
</tbody>
</table>

**DORONICUM D. orientale**

**Leonardo Compact**
Uniform flowering up to 2 weeks earlier than competitor varieties. Compact habit for quart and gallon pots. Early-Spring flowering and bright color for early-Spring sales. Requires vernalization.

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leonardo Compact</td>
<td>Yes</td>
<td>4-7</td>
<td>10-12 in. (25-30 cm)</td>
<td>Early Spring</td>
</tr>
</tbody>
</table>

**Little Leo**
Double yellow, daisy-like flowers on a compact, bushy habit with dark green, serrated, heart-shaped leaves. Blooms prolifically even in full shade; one of the earliest blooming perennials.

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Little Leo</td>
<td>Yes</td>
<td>4-7</td>
<td>10 in. (25 cm)</td>
<td>Early Spring to late Spring</td>
</tr>
</tbody>
</table>

**ECHINACEA (CONEFLOWER)**

Uses: Gardens, landscapes, cut flower

**E. X HYBRIDA**

**New Artisan™ F1 Collection A Kieft Seed Perennial. Available as Amplified seed.** The first F1 hybrid Echinacea collection from seed! Features uniform flowering, so all plants are ready to sell at the same time. NEW Amplified seed form is enhanced through a proprietary process, resulting in faster and more uniform germination compared to non-enhanced seed.

- Red Ombre Flowers open red and soften in color with age.
- Soft Orange Flowers open deep orange and soften as they mature.

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Artisan™</td>
<td>Yes</td>
<td>4-9a</td>
<td>6-8 in. (15-20 cm)</td>
<td>Late Spring to Winter</td>
</tr>
</tbody>
</table>

**Digitalis Dalmatian Formula Mix**

**New Echinacea Artisan Red Ombre**

**New Echinacea Artisan Soft Orange**

**Doronicum Leonardo Compact**

**Digitalis purpurea Mix**

**Digitalis Camelot Mix**
**‘Cheyenne Spirit’** A Kieft Seed Perennial.

Available as Ball Premier Line® seed.
The most-sought after Echinacea color mix is available from seed for more economical production compared to traditional tissue-culture material. Exceptionally well-branched with more flowers per plant for maximum color impact. Naturally shorter plants are easier to ship on racks. Suitable for broad-range production containers – from traditional gallons and quarts to 1801 trays for “Immediate Prairie-To-Go Meadow Landscape.” All-America Selections National Winner: US 7,982,110

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height First year</th>
<th>Spread First year</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>‘Cheyenne Spirit’</td>
<td>✓</td>
<td>4-10</td>
<td>18-24 in. (46-61 cm)</td>
<td>22-30 in. (56-76 cm)</td>
<td>Mid-Summer to frost</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

**Feeling Series** Easy-to-grow plants put on an impressive show with early, abundant blooms. Compact habit is ideal for borders and perennial beds.

- **Pink**
- **White**

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height First year</th>
<th>Spread First year</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feeling Series</td>
<td>✓</td>
<td>4-9</td>
<td>16-20 in. (41-51 cm)</td>
<td>16 in. (41 cm)</td>
<td>Early Summer to Fall</td>
</tr>
<tr>
<td></td>
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</tr>
</tbody>
</table>

**Magnus** Easy-to-grow, vigorous coneflower features large, reddish-pink petals on huge flowers that surround deep-orange center cones. Attracts pollinators; withstands drought, humidity and harsh Winter conditions.

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height First year</th>
<th>Spread First year</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnus</td>
<td>4-9</td>
<td>36 in. (91 cm)</td>
<td>18-24 in. (46-61 cm)</td>
<td></td>
<td>Summer to Fall</td>
</tr>
<tr>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

**PowWow® Series** A Kieft Seed Perennial.

Available as Ball Premier Line® seed. Very well-matched for habit and timing, this drought-tolerant series puts more flowers on every plant than any other purple or white seed Echinacea.

Can be grown for first-year Spring sales or as a traditional overwintered perennial. Faster to flower and genetically shorter than any other on the market – easy to grow, ship and sell. No PGRs are needed.

- **White** • **Wild Berry** Unique intense rose flowers with dark rose center. Produces up to 2% taller plants. All-America Selections National Winner: US 7,982,110

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height First year</th>
<th>Spread First year</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>PowWow® Series</td>
<td>✓</td>
<td>4-10</td>
<td>16-20 in. (40-51 cm)</td>
<td>12-16 in. (30-41 cm)</td>
<td>Mid-Summer to frost</td>
</tr>
<tr>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

**Prairie Splendor Series** Full, well-branched plants are early flowering.

- **Compact Rose** Height: 14-16 in. (36-40 cm). Light rose blooms.
- **Compact White** Height: 14 to 18 in. (35 to 45 cm).
- **Deep Rose** Height: 22-24 in. (56-62 cm).

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height First year</th>
<th>Spread First year</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prairie Splendor</td>
<td>✓</td>
<td>3-9</td>
<td>Varies by variety</td>
<td>6-8 in. (15-20 cm)</td>
<td>Late Spring, Summer</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

**Primadonna Series** Strong stems hold single, 4 to 5-in. (10 to 13-cm) flowers with broad petals and dark cones. Early flowering and drought resistant.

- **Deep Rose** Copper-orange center.
- **White** Dark center.

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height First year</th>
<th>Spread First year</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primadonna Series</td>
<td>✓</td>
<td>3-9</td>
<td>24-36 in. (61-91 cm)</td>
<td>18-24 in. (46-61 cm)</td>
<td>Mid-Summer to frost</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Class/Variety</td>
<td>First Flower</td>
<td>USDA Hardiness Zones</td>
<td>Height</td>
<td>Spread</td>
<td>Bloom Time</td>
</tr>
<tr>
<td>-------------------------------------</td>
<td>--------------</td>
<td>----------------------</td>
<td>--------</td>
<td>--------</td>
<td>------------</td>
</tr>
<tr>
<td>ERYNGIUM (FLAT SEA HOLLY) E. planum</td>
<td>'Blue Hobbit' Round, blue flowers top silver-blue stems over basal rosettes of dark green leaves. The first-ever genetically compact Eryngium.</td>
<td>✓ 4-8</td>
<td>12 in. (30 cm)</td>
<td>8 in. (20 cm)</td>
<td>Spring to Summer</td>
</tr>
<tr>
<td>Glitter Series Dense spikes of flowers are shaped like small pincushions. Tall, strong, silver-blue stems have dark green leaves. Very heat tolerant and easy-care. • Blue Intense steel blue. • White Silvery white.</td>
<td>✓ 4-8</td>
<td>36-40 in. (91 cm - 1.1 m)</td>
<td>15 in. (38 cm)</td>
<td>Spring to Summer</td>
<td></td>
</tr>
<tr>
<td>EUCALYPTUS E. pulverulenta</td>
<td>Glitter Series Dense spikes of flowers are shaped like small pincushions. Tall, strong, silver-blue stems have dark green leaves. Very heat tolerant and easy-care. • Blue Intense steel blue. • White Silvery white.</td>
<td>✓ 4-8</td>
<td>36-40 in. (91 cm - 1.1 m)</td>
<td>24 in. (61 cm)</td>
<td>Spring to Summer</td>
</tr>
<tr>
<td>Baby Blue Bluish-grey, rounded, fragrant foliage produces creamy-white flowers in Spring and Fall. Well branched; great in patio pots.</td>
<td></td>
<td>8-10</td>
<td>36-40 in. (91 cm - 1.2 m)</td>
<td>24 in. (61 cm)</td>
<td>Spring to Fall</td>
</tr>
<tr>
<td>FATSIA Fatsia japonica</td>
<td>Fatsia Big, glossy dark green foliage provides contrast in shade gardens. One of the most traditional indoor plants, can be grown relatively cool.</td>
<td></td>
<td>7-10</td>
<td>6 ft. (1.8 m)</td>
<td>6 ft. (1.8 m)</td>
</tr>
<tr>
<td>FESTUCASee Grasses.</td>
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<tr>
<td>GAILLARDIA (BLANKET FLOWER) G. x grandiflora (G. aristata x G. pulchella)</td>
<td>Arizona Series Early-blooming, bright green-leaved plants have a very uniform, compact and mounded habit. Excellent performers under a wide range of conditions. • Apricot Golden yellow edges and apricot centers. All-America Selections National Winner. • Red Shades Non-fading deep crimson. • Sun Bright yellow and red. All-America Selections National Winner.</td>
<td>✓ 3-9</td>
<td>12 in. (30 cm)</td>
<td>18-24 in. (46-61 cm)</td>
<td>Early Summer to frost</td>
</tr>
<tr>
<td>Mesa™ F1 Series A Kieft Seed Perennial. Produces lots of fast color on a sturdy plant. This first F1 seed gaillardia makes very uniform plants with more flowers than other varieties. Intense, non-fading blooms are produced all season on upright, well-branched plants. Vigorous and well-branched. Very drought tolerant once established. • Bright Bicolor • Peach • Red A more consistent, redder color than other gaillardia with more uniform vigor and habit. • Yellow All-America Selections National Winner.</td>
<td>✓ 5-10</td>
<td>14-16 in. (36-41 cm)</td>
<td>20-22 in. (51-56 cm)</td>
<td>Summer</td>
<td></td>
</tr>
<tr>
<td>GAURA G. lindheimeri</td>
<td>'Sparkle White' A Kieft Seed Perennial. Early to bloom and fast to finish! Easy-to-grow, “no-pinch” plants finish up to 3 weeks before other seed varieties, with a quick Spring finish like vegetative types. Durable, drought-tolerant plants are compact enough for planters, yet floriferous enough to use as a bedding plant. Very long blooming, it makes an elegant “thriller” in mixed containers. Can be finished in 4 to 6-in. (10 to 15-cm) pots to save labor and bench time. All-America Selections National Winner.</td>
<td>✓ 5b-9</td>
<td>12-24 in. (30-61 cm)</td>
<td>12-20 in. (30-51 cm)</td>
<td>Spring to late Summer</td>
</tr>
</tbody>
</table>
### Perennials

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GEUM (AVENS, GRECIAN ROSE)</strong></td>
<td></td>
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<tr>
<td>G. CHILIOENSE</td>
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<tr>
<td>’Mrs. Bradshaw’</td>
<td>Scarlet, semi-double flowers; green, heart-shaped foliage. Mounded habit. Good in gardens, mixed containers.</td>
<td>4-7</td>
<td>24 in. (61 cm)</td>
<td>18 in. (46 cm)</td>
<td>Late Spring to mid-Summer</td>
</tr>
<tr>
<td>G. COCCINEUM</td>
<td></td>
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</tr>
<tr>
<td>Koi Apex</td>
<td>Great for early-Spring sales. Bright orange blooms stand out over a compact mound of glossy green foliage.</td>
<td>✓</td>
<td>5-7</td>
<td>8 in. (20 cm)</td>
<td>8 in. (20 cm)</td>
</tr>
<tr>
<td>Orange Queen</td>
<td>Compact, strongly branched habit delivers pure orange, 5-petaled flowers from May through July – bringing a spot of bright color to landscapes and gardens.</td>
<td>✓</td>
<td>5-9</td>
<td>8-10 in. (20-25 cm)</td>
<td>8-10 in. (20-25 cm)</td>
</tr>
<tr>
<td><strong>GRASSES</strong> See pages 135 to 139</td>
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<tr>
<td><strong>GYPSOPHILA (BABY’S BREATH)</strong> G. cerastoides</td>
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<tr>
<td>’Pixie Splash’ A Kieft Seed Perennial. Available as Ball Premier Line® seed. Uniform, compact, mounded habit is great for edging. Evergreen plants have white flowers with a pink splash.</td>
<td>✓</td>
<td>4-7</td>
<td>3-5 in. (9-12 cm)</td>
<td>4-7 in. (10-18 cm)</td>
<td>Early Spring</td>
</tr>
<tr>
<td><strong>HELIOPSIS (OX EYE SUNFLOWER, HARDY ZINNIA)</strong> H. helianthoides</td>
<td></td>
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<tr>
<td>’Summer Sun’ Tall, bushy plants have yellow blooms atop long, serrated, deep green leaves. Attracts butterflies.</td>
<td>✓</td>
<td>3-9</td>
<td>3-6 ft. (91 cm-1.8 m)</td>
<td>30-40 in. (76 cm-1.1 m)</td>
<td>Mid-Summer to frost</td>
</tr>
<tr>
<td><strong>HEUCHERA (CORAL BELLS, ALUMROOT)</strong></td>
<td></td>
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</tr>
<tr>
<td>Uses: Gardens, landscapes, containers</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H. AMERICANA</td>
<td></td>
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<tr>
<td>Dale’s Strain Mounded, silver-blue marbled foliage accented by white flowers on long panicles in Spring. Excellent drought-tolerant ground cover.</td>
<td>4-7</td>
<td>12-18 in. (30-46 cm)</td>
<td>12-18 in. (30-46 cm)</td>
<td>Spring to Fall</td>
<td></td>
</tr>
<tr>
<td>H. HYBRIDA</td>
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<tr>
<td>’Melting Fire’ A Kieft Seed Perennial. Foliage is a unique color to seed varieties – young leaves are bright blood red; strongly curled, mature leaves display intense purple-red with hot red center.</td>
<td>5-8</td>
<td>Foliage: 8 in. (20 cm)</td>
<td>Flower: 18 in. (46 cm)</td>
<td>12-14 in. (30-36 cm)</td>
<td>May to June</td>
</tr>
<tr>
<td>H. SANGUINEA</td>
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<tr>
<td>Ruby Bells Unique color and extremely durable deep red flowers. Blooms are densely packed along erect flower spikes and compact wintergreen leaf cushions. Thrives in beds and rock gardens.</td>
<td>3-8</td>
<td>16 in. (41 cm)</td>
<td>10-12 in. (25-30 cm)</td>
<td>Early Spring to late Summer</td>
<td></td>
</tr>
<tr>
<td>’Palace Purple’ A Kieft Seed Perennial. Large, maple-shaped leaves are rich purple-bronze on top, pinkish-purple underneath; leaves turn bronze-green in high heat conditions. Creamy white flowers.</td>
<td>4-8</td>
<td>Foliage: 10 in. (25 cm)</td>
<td>Flower: 20 in. (51 cm)</td>
<td>14-16 in. (36-41 cm)</td>
<td>May to June</td>
</tr>
<tr>
<td>Class/Variety</td>
<td>First Year Flower</td>
<td>USDA Hardiness Zones</td>
<td>Height</td>
<td>Spread</td>
<td>Bloom Time</td>
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<tr>
<td><strong>F1 HIBISCUS (ROSE MALLOW)</strong> H. moscheutos</td>
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<tr>
<td>Uses: Gardens, large containers, low flowering hedge</td>
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<tr>
<td><strong>Disco Belle Series</strong> Compact hibiscus is a good choice for providing big color in smaller spaces. Saucer-sized flowers grow up to 8 in. (20 cm) across. Can be grown in areas with a short Summer season, and it is ideal for large pots or gallon containers.</td>
<td>✓</td>
<td>5-9</td>
<td>24-32 in. (61-81 cm)</td>
<td>20-24 in. (51-61 cm)</td>
<td>Summer</td>
</tr>
<tr>
<td>• Pink • Rosy Red • White</td>
<td></td>
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<tr>
<td>• Mix May contain most or all colors in the series.</td>
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<tr>
<td><strong>Honeymoon Series</strong> Showy series for containers or borders displays 6 to 8-in. (15 to 20-cm) flowers. Heat and drought tolerant. Very responsive to PGRs to produce a compact, well-branched plant.</td>
<td>✓</td>
<td>5-9</td>
<td>24-32 in. (61-81 cm)</td>
<td>20-24 in. (51-61 cm)</td>
<td>Summer</td>
</tr>
<tr>
<td>• Deep Red • Light Rose • Rose • White With Eye</td>
<td></td>
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<tr>
<td>• Mix May contain most or all colors in the series.</td>
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<tr>
<td><strong>Luna Series</strong> A Kieft Seed Perennial. Big 6 to 8-in. (15 to 20-cm) blooms are produced on bushy, well-branched plants. Heat-loving series is drought tolerant once established. Good late-season sales extender.</td>
<td>✓</td>
<td>5-9</td>
<td>24-36 in. (61-91 cm)</td>
<td>24 in. (61 cm)</td>
<td>Summer</td>
</tr>
<tr>
<td>• Pink Swirl Dark eye; pink picotee pattern.</td>
<td></td>
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<tr>
<td>• Red • Rose • White Large red eye.</td>
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<tr>
<td>• Mix May contain most or all colors in the series.</td>
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<tr>
<td><strong>HOLLYHOCK</strong> See Alcea. Also see Annuals (Alcea).</td>
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<tr>
<td><strong>IBERIS (EVERGREEN CANDYTUFT)</strong> I. sempervirens</td>
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<tr>
<td><strong>Whiteout</strong> A Kieft Seed Perennial. No pinching needed to grow better-looking plants! Produce more salable plants thanks to the great flower power, plus uniform plant habit and flowering compared to existing seed varieties. Masses of bright white blooms top shiny dark foliage; evergreen. Needs vernalization for full flowering.</td>
<td>3-8</td>
<td>6-8 in. (15-20 cm)</td>
<td>8-12 in. (20-30 cm)</td>
<td>Early Spring</td>
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<tr>
<td><strong>JUNCUS</strong> See Grasses.</td>
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<tr>
<td>Class/Variety</td>
<td>First Year Flower</td>
<td>USDA Hardiness Zones</td>
<td>Height</td>
<td>Spread</td>
<td>Bloom Time</td>
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<tr>
<td><strong>KNIPHOFIA (RED HOT POKER) K. uvaria (Tritoma)</strong></td>
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<tr>
<td>'Flamenco' Upright and strong-stemmed with 8-in. (20-cm) plumes of creamy white, yellow, orange and red over pointy, gray-green leaves. Up to 4 weeks earlier than other seed varieties.</td>
<td>✓ 5-9</td>
<td>32 in. (81 cm)</td>
<td>Up to 4 ft. (1.2 m)</td>
<td>Mid to late Summer</td>
<td></td>
</tr>
<tr>
<td><strong>KOELERIA</strong> See Grasses.</td>
<td></td>
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<tr>
<td><strong>LARKSPUR</strong> See Delphinium. Also see Cut Flowers (Delphinium &amp; Larkspur).</td>
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<tr>
<td><strong>LAVENDER</strong> Uses: Gardens, landscapes, low hedge; use fresh or dried for sachets and potpourri</td>
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<tr>
<td><strong>LAVANDULA ANGUSTIFOLIA (ENGLISH LAVENDER)</strong></td>
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<tr>
<td>Avignon Early Blue A Kieft Seed Perennial. This tight, well-branched and strong-stemmed variety produces deeper blue flowers earlier than similar English Lavenders. Grows better in cool conditions.</td>
<td>✓ 6-8</td>
<td>10-12 in. (25-30 cm)</td>
<td>9-11 in. (23-28 cm)</td>
<td>Late Spring, Summer</td>
<td></td>
</tr>
<tr>
<td>Blue Spear A Kieft Seed Perennial. With its bigger, taller spikes compared with other seed lavenders, this is the showiest English Lavender you can grow and sell. Its more upright flower stems stand closer to each other for huge impact from a distance. Easy to grow, with high uniformity, good habit and earliness.</td>
<td>✓ 6-8</td>
<td>11-13 in. (28-33 cm)</td>
<td>9-11 in. (23-28 cm)</td>
<td>Late Spring, Summer</td>
<td></td>
</tr>
<tr>
<td>Ellagance Series A Kieft Seed Perennial. Available as Ball Premier Line® seed. Spreading, upright and well-branched plants have rich gray-green foliage. More Winter hardy and cold tolerant with good tolerance to foliar diseases compared to other lavenders.</td>
<td>✓ 5-8</td>
<td>12-14 in. (30-36 cm)</td>
<td>10-12 in. (25-30 cm)</td>
<td>Summer</td>
<td></td>
</tr>
<tr>
<td>• Ice May have slight blue blush under some conditions.</td>
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<tr>
<td>• Purple • Snow The only true white lavender from seed.</td>
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<tr>
<td>Hidcote Blue Apex A available as Ball Premier Line® seed. This evergreen clump-forming perennial produces purple blue flowers above gray-green leaves. Excellent for borders and edging, and attractive to butterflies.</td>
<td>✓ 5-9</td>
<td>12-18 in. (30-46 cm)</td>
<td>18 in. (46 cm)</td>
<td>Summer</td>
<td></td>
</tr>
<tr>
<td>Lavance Deep Purple A Kieft Seed Perennial. Available as Ball Premier Line® seed. Spikes and flowers have a very deep color for excellent contrast with the gray-green foliage. Heat tolerant. Highly scented flowers and leaves. Attracts bees and butterflies and resists deer and rabbits.</td>
<td>✓ 5-8</td>
<td>10-12 in. (25-30 cm)</td>
<td>10-12 in. (25-30 cm)</td>
<td>Late Spring to late Summer</td>
<td></td>
</tr>
<tr>
<td>'Munstead' Narrow and lacy, gray-green, scented foliage. Lavender-blue flowers.</td>
<td>5-8</td>
<td>16 in. (41 cm)</td>
<td>20-30 in. (51-76 cm)</td>
<td>Summer</td>
<td></td>
</tr>
<tr>
<td>'Vicenza Blue Apex' Available as Ball Premier Line® seed. Compact, bushy variety has large, deep blue spikes above fragrant foliage. Heat and drought tolerant.</td>
<td>✓ 5-8</td>
<td>12-18 in. (30-46 cm)</td>
<td>8-10 in. (20-25 cm)</td>
<td>Summer</td>
<td></td>
</tr>
<tr>
<td>Class/Variety</td>
<td>First Year Flower</td>
<td>USDA Hardiness Zones</td>
<td>Height</td>
<td>Spread</td>
<td>Bloom Time</td>
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<tr>
<td>LAVANDULA MULTIFIDA</td>
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</tr>
<tr>
<td>Torch Series</td>
<td>✓</td>
<td>7-11</td>
<td>30-34 in.</td>
<td>24 in.</td>
<td>Summer</td>
</tr>
<tr>
<td>Fern-leafed lavender has a lavender-rosemary-pine scent. Very fast growing plant – flowering gallon pots can be produced in under 16 weeks in Spring.</td>
<td></td>
<td>70-86 cm</td>
<td>61 cm</td>
<td></td>
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</tr>
<tr>
<td>• Blue • New Minty Ice</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>'Spanish Eyes'</td>
<td>✓</td>
<td>7-10</td>
<td>16-25 in.</td>
<td>20-30 in.</td>
<td>Summer</td>
</tr>
<tr>
<td>A Kieft Seed Perennial. Bright blue, fragrant flowers and soft, fern leaf-type foliage. Long-blooming, upright plants have good weather tolerance and are very heat-tolerant. The best choice for the Southeast.</td>
<td></td>
<td>41-64 cm</td>
<td>51-76 cm</td>
<td>11-76 cm</td>
<td></td>
</tr>
<tr>
<td>• Blue • New Minty Ice</td>
<td></td>
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<tr>
<td>LAVANDULA STOECHAS (SPANISH LAVENDER)</td>
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<tr>
<td>Bandera Series</td>
<td>✓</td>
<td>7-10</td>
<td>7-9 in.</td>
<td>10-12 in.</td>
<td>Spring to mid-Summer</td>
</tr>
<tr>
<td>A Kieft Seed Perennial. Compact to mid-habit varieties easily fill 4-in. (10-cm) pots to gallons, flowering heavily to almost cover the plants. Good branching and uniformity, with short harvest window. Holds its dense, mounded habit in the garden without falling open; long-flowering and self-cleaning with good secondary flush of flowers.</td>
<td></td>
<td>18-23 cm</td>
<td>25-30 cm</td>
<td>11-23 cm</td>
<td></td>
</tr>
<tr>
<td>• Deep Purple • Deep Rose • Pink • Purple</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Castillano 2.0 Series</td>
<td></td>
<td>7-9</td>
<td>10-12 in.</td>
<td>6-8 in.</td>
<td>Spring</td>
</tr>
<tr>
<td>Very floriferous and fragrant pair is compact and uniform, making them useful in container programs. Mounded habit with medium vigor.</td>
<td></td>
<td>25-30 cm</td>
<td>15-20 cm</td>
<td></td>
<td></td>
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<tr>
<td>• Lilac • White</td>
<td></td>
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</table>
**LEUCANTHEMUM (SHASTA DAISY)** *L. x superbum, Chrysanthemum maximum*

Uses: Gardens, landscapes.

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>‘Alaska’</td>
<td>5-8</td>
<td>5b-9a</td>
<td>24-36 in. (61-91 cm)</td>
<td>12-24 in. (31-61 cm)</td>
<td>Summer</td>
</tr>
<tr>
<td></td>
<td>Single, pure white flowers with yellow centers are 3 in. (7 cm) across, over dark green leaves.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>‘Crazy Daisy’</td>
<td>4-8</td>
<td>5b-9a</td>
<td>24-28 in. (61-71 cm)</td>
<td>12-18 in. (31-46 cm)</td>
<td>Summer</td>
</tr>
<tr>
<td></td>
<td>White, 2.5-in. (6-cm) flowers have a yellow eye; many are fully double. Dark green leaves. Cold period and long days are necessary to initiate bloom.</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>‘Madonna’</td>
<td>3b-9a</td>
<td>3b-9a</td>
<td>8-10 in. (20-25 cm)</td>
<td>8-12 in. (20-30 cm)</td>
<td>Summer/Fall</td>
</tr>
<tr>
<td></td>
<td>A Kieft Seed Perennial. Floreselect 2020 Gold Medal Winner is a compact, first-year-flowering F1 shasta that features uniformity in height and habit, and produces a large percentage of saleable plants.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>‘Snow Lady’ F1</td>
<td>✓ 5-8</td>
<td>3-8</td>
<td>12-15 in. (30-38 cm)</td>
<td>12-14 in. (30-36 cm)</td>
<td>Summer</td>
</tr>
<tr>
<td></td>
<td>Available as Ball Premier Line® seed. Dwarf, bushy, fast-growing variety bears single, 2-in. (5-cm), white flowers with big, yellow-green centers. All-America Selections National Winner.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>‘White Breeze’</td>
<td>✓ 3-8</td>
<td>3-8</td>
<td>10-12 in. (25-30 cm)</td>
<td>12-16 in. (30-41 cm)</td>
<td>Late Spring to Summer</td>
</tr>
<tr>
<td></td>
<td>Early-flowering, dwarf and compact plants produce pure white blooms with yellow centers.</td>
<td></td>
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<td></td>
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</tr>
</tbody>
</table>

**LEWISIA** *L. cotyledon*

<table>
<thead>
<tr>
<th>Series</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>‘Elise’ Series</td>
<td>✓ 3-8</td>
<td>3-8</td>
<td>5-6 in. (12-15 cm)</td>
<td>6-8 in. (15-20 cm)</td>
<td>Spring</td>
</tr>
<tr>
<td></td>
<td>Available as Ball Premier Line® seed. Sturdy plants with fleshy, succulent leaves flower in dark red, white and a rich mixture of pink, rose, salmon, orange, white, yellow and bicolors. Very floriferous, heat and drought tolerant. Great in patio planters and rock gardens. • Ruby Red Apex • White Apex • Mix ApexX</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Special Mix ApexX (Reintroduction)</td>
<td>✓ 3-8</td>
<td>3-8</td>
<td>6 in. (15 cm)</td>
<td>6-8 in. (15-20 cm)</td>
<td>Early Spring to Summer</td>
</tr>
<tr>
<td></td>
<td>Available as Ball Premier Line® seed. A perennial succulent with tons of flower power. A great impulse item. Flowers of pink, rose, salmon and white. Quite drought tolerant once established.</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Class/Variety</td>
<td>First Year Flower</td>
<td>USDA Hardiness Zones</td>
<td>Height</td>
<td>Spread</td>
<td>Bloom Time</td>
</tr>
<tr>
<td>----------------------</td>
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</tr>
<tr>
<td><strong>LIATRIS</strong> L. spicata</td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Floristan® Series</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>A very strong vertical accent for the garden. It is a staple item for cutting gardens; it adds a bright, vertical element to bouquets.</td>
<td>3-9</td>
<td>36-48 in. (91-122 cm)</td>
<td>18-24 in. (46-61 cm)</td>
<td>Summer to Fall</td>
<td></td>
</tr>
<tr>
<td>• Violet • White</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kobold</td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ideal for borders and rock gardens.</td>
<td>3-9</td>
<td>18-30 in. (46-76 cm)</td>
<td>12-16 in. (30-41 cm)</td>
<td>Early Summer to Summer</td>
<td></td>
</tr>
<tr>
<td>Purple</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plant and flower are attractive to bees, butterflies and birds.</td>
<td>3-10</td>
<td>24-48 in. (61 cm-1.2 m)</td>
<td>12-24 in. (30-61 cm)</td>
<td>Mid-Summer to early Fall</td>
<td></td>
</tr>
<tr>
<td><strong>LOBELIA</strong> (CARDINAL FLOWER) L. x speciosa</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Uses: Gardens, landscapes, containers</td>
<td></td>
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</tr>
<tr>
<td>Fan Series F1 Available as Ball Premier Line® seed.</td>
<td>✓</td>
<td>6-9</td>
<td>20-28 in. (51-71 cm)</td>
<td>14-18 in. (36-46 cm)</td>
<td>Summer to Fall</td>
</tr>
<tr>
<td>Tubular, 1-in. (2.5-cm) flowers on upright plants. Sowings in January and February will flower in late May or June.</td>
<td></td>
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</tr>
<tr>
<td>• Burgundy Earliest of the series. • Scarlet</td>
<td></td>
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</tr>
<tr>
<td>Starship™ Series F1 A Kieft Seed Perennial.</td>
<td>✓</td>
<td>6-10</td>
<td>20-24 in. (51-61 cm)</td>
<td>6-8 in. (15-20 cm)</td>
<td>Summer to Fall</td>
</tr>
<tr>
<td>Tops for uniformity and flower power, Starship offers improved branching, low stretch and controlled habit. Great for high-value larger containers and mixed combos, and also makes a striking garden plant.</td>
<td></td>
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</tr>
<tr>
<td>• New Blue This variety has a height of 24 to 28 in./61 to 71 cm, which is 6 to 8 in./15 to 20 cm taller than the rest of the series. It also has green leaves, in contrast to the bronze leaves of the other varieties.</td>
<td></td>
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<tr>
<td>• New Burgundy Features the same habit as Scarlet and Deep Rose</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>• Deep Rose • Scarlet</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>• New Scarlet Bronze Leaf The most bronze-leaved variety in the series grows to 24 to 26 in./61 to 66 cm in height, about 4 to 6 in./13 to 15 cm taller than Scarlet, and is one week later to flower. Replaces Vulcan Red.</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>Vulcan Red</strong> A Kieft Seed Perennial. Available as Ball Premier Line® seed. First professional quality alternative to Queen Victoria makes full, strong-stemmed plants with uniform, more controlled habit. Rich red flowers and bronze leaves. Heat-tolerant; good in landscape/large container programs.</td>
<td>✓</td>
<td>6-10</td>
<td>24-32 in. (61-81 cm)</td>
<td>10-14 in. (25-36 cm)</td>
<td>Summer to Fall</td>
</tr>
</tbody>
</table>
### Class/Variety

<table>
<thead>
<tr>
<th>LUPINUS (LUPINE) <em>L. polyphyllus</em></th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Gallery Series</strong> Displays 6 to 8-in. (15 to 20-cm) spikes of Sweet Pea-shaped flowers over green, fingerlike leaflets. • Blue Shades • Pink Bicolor • Pink Shades • Pure Blue • Pure Pink • Red Shades • White Shades • Yellow Shades • Extra Mix Solid and bicolor shades.</td>
<td>✓</td>
<td>4-8</td>
<td>18-24 in. (46-61 cm)</td>
<td>15-18 in. (38-46 cm)</td>
</tr>
<tr>
<td><strong>Lupini Series</strong> Compact plants have a short crop time and are well-suited to pot culture. Long flower spikes. Great border and container plant. No vernalization needed for first-year-flowering. • Blue Shades • Pink Shades • Red Shades • White • New White Shades • Yellow Shades • Mix May contain most or all the colors in the series.</td>
<td>✓</td>
<td>6-8</td>
<td>18-30 in. (46-76 cm)</td>
<td>12-24 in. (30-61 cm)</td>
</tr>
<tr>
<td><strong>Mini Gallery Series</strong> A Ball Ingenuity product, available exclusively through Ball Seed. Beautiful &quot;no prune&quot; series is more compact and floriferous than others, with a vibrant, season-long show of color! Each &quot;mini&quot; ball-shaped plant flowers early, producing 14 to 20 densely packed flower spikes with a long flowering period. Lower apical dominance assures that Mini Gallery remains shorter and more compact than others without any pruning or PGRs. Versatile series offers extra selling opportunities as a low bedding plant, or for containers and window boxes. • Blue • Blue Bicolor • Pink • Pink Bicolor • Red • White • Yellow • Mix May contain most or all colors in the series.</td>
<td>✓</td>
<td>4-8</td>
<td>12-18 in. (30-46 cm)</td>
<td>16-18 in. (41-46 cm)</td>
</tr>
<tr>
<td><strong>Russell Strain Mix</strong> Dense, 12 to 15-in. (30 to 38-cm) spikes produce eight colors including pink, red, yellow and blue.</td>
<td>✓</td>
<td>4-7</td>
<td>3-4 ft. (91 cm-1.1 m)</td>
<td>18 in. (46 cm)</td>
</tr>
<tr>
<td>Class/Variety</td>
<td>First Year Flower</td>
<td>USDA Hardiness Zones</td>
<td>Height</td>
<td>Spread</td>
</tr>
<tr>
<td>--------------</td>
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</tr>
<tr>
<td>LUZULA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MELISSA M. didyma</td>
<td></td>
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</tr>
</tbody>
</table>

**Mandarina Orange Balm** Aromatic perennial with a nice orange fragrance and a spreading mounding plant habit. Attractive for bees. Use as an herb and as an ornamental plant. 4-9 10-12 in. (25-30 cm) 3 ft. (1 m) Mid-Summer

| MERTENSIA M. maritima |                |                      |        |        |            |

**New Silver Ocean** Hardy perennial with an attractive cascading habit is excellent for mixed containers or hanging baskets. Edible plant for gourmets features crisp, blue-green leaves that taste like oysters, and blue bell-shaped flowers after vernalization. 2-8 8-10 in. (20-25 cm) 12-16 in. (30-40 cm) Summer to Fall

| MILIUM       |                  |                      |        |        |            |

**MONARDA (BEE BALM) M. didyma** |                |                      |        |        |            |

**Panorama Red** This herbaceous perennial attracts hummingbirds and butterflies. Provides color and contrast in borders or gardens. Effective in endcap displays. 4-9 35 in. (89 cm) 16-18 in. (41-46 cm) Late Spring to early Summer; until Fall in milder climates

| MYOSOTIS (FORGET-ME-NOT) M. sylvatica |             |                      |        |        |            |

**Bluesylva** Medium-blue blooms on an early-flowering, compact plant. Abundant flowers. Uniform habit. 3-8 8 in. (20 cm) 6-8 in. (15-20 cm) Early Spring to early Summer

**‘Compindi’** Compact, ball-shaped plants have intense blue flowers. Suited to gardens, landscapes. 5-8 6 in. (15 cm) 8-10 in. (20-25 cm) Spring

**Mon Amie Series** A Kieft Seed perennial. Ready to ship and sell 3 to 6 months earlier than biannual varieties as no vernalization is needed for flowering. Works well in annual programs and can be reliably scheduled for Fall or Spring. Media/soil pH requirements are similar to Primula acaulis. Suited to premium packs and 4.5-in. (11-cm) pots. US 200800070

**NEPETA (CATMINT) N. nervosa** |             |                      |        |        |            |

**‘Blue Moon’** A Kieft Seed Perennial. Early and floriferous, heat-tolerant variety produces intense deep blue flowers with white lower lip. ✓ 4-7 10-12 in. (25-30 cm) 10-12 in. (25-30 cm) Summer

**‘Pink Cat’** A Kieft Seed Perennial. Hot pink flowers top heat-tolerant, mounded plants. Early and floriferous; compact container performer. ✓ 4-7 10-12 in. (25-30 cm) 10-12 in. (25-30 cm) Summer

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
## Ornamental Oregano

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>'Kirigami' A Kieft Seed perennial.</td>
<td>5b-8</td>
<td>8-10 in. (20-35 cm)</td>
<td>12-14 in. (30-35 cm)</td>
<td>Spring to Fall</td>
<td></td>
</tr>
</tbody>
</table>

This eye-catching non-culinary oregano features large, purple-green bracts, rose flowers and clear, light green foliage, with a delicious fragrance to attract pollinators. Dense, mounded, slightly trailing plant has a tighter, fuller habit than standard vegetative varieties, so it holds better in shipping and at retail. Heat and drought tolerant, with showy display of texture in baskets, borders and rock gardens. Higher light and cooler night temperatures accent the purple bract color.

## PAPAVER

### P. NUDICALE (ICELAND POPPY)

#### Spring Fever Series

- Multiple compact stems at one time and large flowers in bright colors make high-impact shows. Easy to ship. Daylength neutral.
- • Orange • Red • Yellow

<table>
<thead>
<tr>
<th>Variety</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-8</td>
<td>10-12 in. (25-30 cm)</td>
<td>8-10 in. (20-25 cm)</td>
<td>Late Spring to early Summer</td>
</tr>
</tbody>
</table>

## P. ORIENTALE (ORIENTAL POPPY)

#### 'Allegro'

- Dwarf variety has scarlet flowers and lobed, sharply toothed foliage.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-9</td>
<td>22-30 in. (56-76 cm)</td>
<td>15-20 in. (38-51 cm)</td>
<td>Late Spring to Summer</td>
</tr>
</tbody>
</table>

### Royal Wedding

- Large, semi-double, pure white flowers with very large, velvety-black seed capsules surrounded by prominent, dark purple stamens; upright habit; blooms in late Spring.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-9</td>
<td>22-30 in. (56-76 cm)</td>
<td>15-20 in. (38-51 cm)</td>
<td>Late Spring to Summer</td>
</tr>
</tbody>
</table>

## PENNISETUM

### Fuzzy

- Elegant grass forms attractive dense tufts. Features fine green leaves with a light pink inflorescence.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-10</td>
<td>24 in. (61 cm)</td>
<td>12 in. (30 cm)</td>
<td>Late Summer</td>
</tr>
</tbody>
</table>

## PENSTEMON (BEARDED TONGUE) Also see Annuals.

- Uses: Gardens, landscapes

### Twizzle Mix F1

- Long-blooming series produces tall and stately flower stems that hold the small, bell-shaped flowers. Adds height to patio planters and garden backgrounds. Strong, low-maintenance plants make a great premium product offering in large, 5 to 7-in. (12 to 18-cm) pots. A pollinator magnet!

<table>
<thead>
<tr>
<th>Variety</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-8</td>
<td>28-32 in. (71-81 cm)</td>
<td>16 in. (41 cm)</td>
<td>Summer to Fall</td>
</tr>
</tbody>
</table>

## PENSTEMON

### Carillo Series A Kieft Seed Perennial.

- The most compact of any seed or vegetative type. Heat and drought-tolerant North American prairie plant has shiny foliage and clear, strong flower colors on well-branched plants. Good shelf life and long flowering in landscapes and containers.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-7</td>
<td>8-10 in. (20-25 cm)</td>
<td>10-12 in. (25-30 cm)</td>
<td>Early Summer</td>
</tr>
<tr>
<td>Class/Variety</td>
<td>First Year Flower</td>
<td>USDA Hardiness Zones</td>
<td>Height</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------------</td>
<td>----------------------</td>
<td>--------</td>
</tr>
<tr>
<td><strong>PEROVSKIA (RUSSIAN SAGE)</strong> <em>P. atriplicifolia</em></td>
<td>✓ 4-9</td>
<td>First year, 18-24 in. (46-61 cm); second year and on, 30-36 in. (76-91 cm)</td>
<td>First year, 14-18 in. (36-46 cm); second year and on, 20-28 in. (51-71 cm)</td>
</tr>
<tr>
<td><strong>Blue Steel</strong></td>
<td>✓ Kieft Seed Perennial. Great backdrop plant; also works well in mixed combos. Superb garden plant – exceptionally long blooming and very hardy. Grows in heat and drought, and always looks fresh! Attracts bees and hummingbirds.</td>
<td>✓ 1-9</td>
<td>18-21 in. (16-56 cm); second year and on, 30-36 in. (76-91 cm)</td>
</tr>
<tr>
<td><strong>PHYSOSTEGIA (OBEDIENT PLANT, FALSE DRAGONHEAD)</strong> <em>P. virginiana</em></td>
<td>✓ 3-9</td>
<td>16 in. (41 cm)</td>
<td>16 in. (41 cm)</td>
</tr>
<tr>
<td><strong>‘Crystal Peak White’</strong> Dense, well-branched plants continuously produce many flower spikes of bright white that do not fade or brown as they age.</td>
<td>✓ 1-8</td>
<td>6-8 in. (15-20 cm)</td>
<td>8-12 in. (20-30 cm)</td>
</tr>
<tr>
<td><strong>PLATYCODON (BALLOON FLOWER)</strong> <em>P. grandiflorus</em></td>
<td>✓ Astra F1 Series Balloonlike buds open into long-lasting, 3-in. (8-cm), bell-shaped flowers. Sturdy, compact and well-branched plants are uniform and heat tolerant. • Blue • Pink • Semi-Double Blue • Semi-Double Pink • Semi-Double White • White</td>
<td>✓ 3-8</td>
<td>8-10 in. (20-25 cm)</td>
</tr>
<tr>
<td><strong>‘Sentimental Blue’</strong> Dwarf, compact variety produces purple-blue, 2-in. (5-cm), bell-shaped flowers atop green, oval and serrated leaves.</td>
<td>✓ 3-8</td>
<td>6-8 in. (15-20 cm)</td>
<td>12-24 in. (30-61 cm)</td>
</tr>
<tr>
<td><strong>Twinkle Blue</strong> A shining star for early-season sales! Uniform, densely branched, dwarf compact habit produces fuller plants with more flowers. Plant holds flowers during transport and under low light conditions at retail.</td>
<td>✓ 4-8</td>
<td>6-8 in. (15-20 cm)</td>
<td>8-12 in. (20-30 cm)</td>
</tr>
<tr>
<td><strong>POPPY</strong> See Papaver. Also see Annuals.</td>
<td></td>
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</tr>
<tr>
<td><strong>PRIMULA</strong> <em>P. verus</em></td>
<td></td>
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</tr>
<tr>
<td><strong>Cabrillo Dark Yellow</strong> Available as Ball Premier Line® seed. Very uniform in habit and timing, Cabrillo Dark Yellow has a tidy and more compact habit than similar varieties, and is earlier to flower. Clusters of very fragrant blooms are held on upright stems over dark green foliage. Good for quarts and gallons.</td>
<td>✓ 5-9</td>
<td>8-10 in. (20-25 cm)</td>
<td>4-8 in. (10-20 cm)</td>
</tr>
<tr>
<td><strong>PRITZELAGO</strong> <em>P. alpina/Hutchinsia alpine</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Ice Cube</strong> Small, fragrant white flowers top dense, low-growing cushions of foliage. Evergreen, ideal for borders and rock gardens.</td>
<td></td>
<td>To 3</td>
<td>4 in. (10 cm)</td>
</tr>
<tr>
<td><strong>RUDBECKIA (ORANGE CONEFLOWER, BLACK-EYED SUSAN)</strong> <em>R. fulgida</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>‘Goldsturm’</strong> A Kieft Seed Perennial. Available as Ball Premier Line® seed. Large, deep yellow, daisylieke flowers have a black center cone. Compact, free-flowering, dark green-leaved variety.</td>
<td>✓ 3-9</td>
<td>24-28 in. (61-71 cm)</td>
<td>14-18 in. (36-46 cm)</td>
</tr>
</tbody>
</table>
**Class/Variety**

<table>
<thead>
<tr>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
</table>

**SAGINA S. subulata**

Irish Moss: Lush green foliage forms a dense, moss-like carpet that’s perfect for planting between paving stones or on rock walls or bordering a garden. Heat and shade tolerant.

| 4-9 | 1-3 in. (3-8 cm) | 6-12 in. (15-30 cm) | Late Spring to late Summer |

**SALVIA (HYBRID SAGE)**

New Dimension Series: A Kieft Seed Perennial.
Large, compact and well-branched plants are long-lasting in the landscape. Well-matched series finishes fast with no PGRs needed.

- **Blue** Deepest blue from seed.
- **Rose** Deepest rose from seed.

| 4-8 | 8-10 in. (20-25 cm) | 6-8 in. (15-20 cm) | Spring |

**S. NEMOROSA**

Salvatore Blue: A PanAmerican Seed product

Premium-look salvia features the largest spikes and the deepest colored calyx, spikes and flower in S. nemorosa from seed. Perfect for gallons.

| 4-8 | 10-12 in. (25-30 cm) | 8-12 in. (20-30 cm) | Late Spring to Summer |

**SAXIFRAGA (ROCKFOIL) S. x arendsii**

Rocco Red: A Kieft Seed Perennial.

Available as Ball Premier Line® seed.

First-ever professional seed S. x arendsii assures good finished quality. Breeding breakthrough makes a vigorous, short-stemmed plant that fills the pot well, with less flower color variation. Good in 3.1 to 1-in. (8 to 13-cm) pots.

| 4-7 | 3-4.5 in. (7-11 cm) | 3.5-5 in. (9-13 cm) | Spring |

**SCABIOSA (PINCUSHION FLOWER)**

Uses: Gardens, containers, butterfly gardens

Fama Series: Available as Ball Premium Line® seed.

Large flowers; strong stems; green, textured leaves.

- **Deep Blue** • **White** Non-fading pure white.

| 4-8 | 20-23 in. (51-58 cm) | 24 in. (61 cm) | Spring to Fall |

**S. CAUCASICA**

‘Blue Note’ A Kieft Seed Perennial.

Largest-flowered, best-quality blue seed scabiosa.

Uniform, compact and full plants. Excellent for early Spring sales from overwintered (frost-free) production.

| 5-9 | 8-10 in. (20-25 cm) | 8-10 in. (20-25 cm) | Spring to Fall |

**S. JAPONICA VAR. ALPINA**

‘Pink Diamonds’ A Kieft Seed Perennial.

Compact, uniform plants maintain a perfect, well-branched shape all season. Long-flowering with dense, dark green leaves.

| 5-9 | 8-10 in. (20-25 cm) | 8-10 in. (20-25 cm) | Spring to Fall |

**Ritz Series** Petite, glossy green-leaved plants do not need PGRs for height control. Well-suited to container gardens. Can tolerate partial shade. Good for 4-in. (10-cm) programs.

- **Blue** Sky blue.
- **Rose**

<p>| 4-8 | 6-8 in. (15-20 cm) | 6-8 in. (15-20 cm) | Spring to Fall |</p>
<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>First Year Flower</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SEDUM</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>S. FORSTERIANUM</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>‘Oracle’</td>
<td>S. FORSTERIANUM</td>
<td></td>
<td>4-9</td>
<td>6-8 in. (15-20 cm)</td>
<td>Late Summer</td>
</tr>
<tr>
<td>Rosettes of blue-green, needlelike leaves and bright yellow flowers. Low-growing succulent plant is good for xeriscaping, mixed containers, rock gardens and gardens. Needs vernalization to flower.</td>
<td></td>
<td></td>
<td>8-12 in. (20-30 cm)</td>
<td>Late Summer</td>
<td></td>
</tr>
<tr>
<td><strong>S. SELSKIANUM</strong></td>
<td></td>
<td></td>
<td>4-9</td>
<td>4 in. (10 cm)</td>
<td>Summer</td>
</tr>
<tr>
<td>‘Spirit’</td>
<td>S. SELSKIANUM</td>
<td></td>
<td>4-9</td>
<td>18-24 in. (46-61 cm)</td>
<td>Summer</td>
</tr>
<tr>
<td>Glossy, bright green-leaved plant thrives in the hottest conditions and is drought tolerant. Produces bright yellow, starlike blooms.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>SEMPERVIVUM</strong></td>
<td></td>
<td></td>
<td>4-9</td>
<td>2-3 in. (5-8 cm)</td>
<td>Late Spring to Early Summer</td>
</tr>
<tr>
<td>New Hippie Chicks ApeX Available as Ball Premier Line® seed. Drought-tolerant, hardy perennial is great as a gift plant. These tough succulent plants are easy to produce with ApeX treated seed.</td>
<td></td>
<td></td>
<td>6 in. (15 cm)</td>
<td>Late Spring to Early Summer</td>
<td></td>
</tr>
<tr>
<td><strong>SHASTA DAISY</strong></td>
<td>See Leucanthemum. Also see Annuals (Chrysanthemum).</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td><strong>STIPA</strong></td>
<td>See Grasses.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>THYME</strong></td>
<td>Thymus fragrantissimus</td>
<td>Orangelo</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upright, bushy growth habit with small, narrow, grayish-green leaves that have a nice orange fragrance. Use as an herb and as an ornamental plant. Attractive for bees.</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td><strong>VERBASCUM</strong> (ORNAMENTAL MULLEIN)</td>
<td>V. x hybrida</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>‘Southern Charm’ A Kieft Seed Perennial. Available as Ball Premier Line® seed. Low-growing green rosette is topped by tall stems with flowers in creamy yellow, soft lavender and peachy rose shades, each marked with a fuzzy purple “bee.” Florets are arranged in pairs; as the first floret dies, the second blooms, doubling the life of the flower spike. Drought tolerant.</td>
<td></td>
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</tr>
<tr>
<td><strong>VERBENA</strong></td>
<td>V. rigida</td>
<td>Santos Purple A Kieft Seed Perennial. Available as Ball Premier Line® seed. First high-yield primed seed form of popular tender perennial has reliable availability, high germ and excellent plug yield. Compact, upright and well-branched plants are very heat and drought tolerant, and exceptional in cool climates. Tough, long-lasting landscape perennial; also good in baskets/combo planters. High powdery mildew resistance.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>‘Blue Bouquet’ A Kieft Seed Perennial. Available as Ball Premier Line® seed. Upright plants produce medium blue flowers over deep green, textured leaves.</td>
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<td></td>
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</tr>
</tbody>
</table>
EXCITING ADDITIONS TO OUR EXCLUSIVE MOREL CYCLAMEN COLLECTION

Cyclamen Metalis Light Pink With Eye .................................. 176
Cyclamen Metis Select Fantasia Artic Red .............................. 180
Cyclamen Metis Select Lilibelle Bright Purple ......................... 180
Cyclamen Metis Select Lilibelle Magenta ............................... 180

AN ALL-NEW PRIMULA SERIES DEBUTS
Primula Princessa 6 colors & 1 mix ..................................... 188

OUR NEW FOLIAGE POTTED PLANTS COLLECTION

Chamaedorea elegans .......................................................... 182
Coffee arabica ................................................................. 182
Dypsis lutescens ............................................................... 182
Pachypodium lamerei ......................................................... 182
Philodendron selloum ......................................................... 182
Schefflera arboricola .......................................................... 182

MORE IMPRESSIVE NEWCOMERS TO A VARIETY OF CLASSES

Celosia Kosmo Orange & Mix Improved ................................ 173
Cyclamen Smartiz Red ......................................................... 181
Gerbera ColorBloom 2 colors & 1 mix ................................. 183
Gerbera Jaguar White With Light Eye .................................. 184
Gerbera Majorette 2 improved colors .................................. 184
Gerbera Mega Revolution 2 improved colors ....................... 185
Gerbera Revolution Deep Orange with Dark Eye .................. 185
Primula Danessa Yellow ...................................................... 187
Primula SuperNova Orange .................................................. 189
Ranunculus Maché Lemon Rose Bicolor ................................ 189
Ranunculus Magic Purple .................................................... 189

A POPULAR SERIES RETURNS
Primula Primlet 10 colors & 1 mix ....................................... 188
**CAMPANULA**

*C. medium*

Campanella™ F1 Series

Height: 1 to 10 in. (20 to 25 cm)
Spread: 1 to 9 in. (20 to 21 cm)

A PanAmerican Seed product.

Available as Ball Premier Line® seed.

Larger blooms and more colors than competing varieties; fills pots better with more flowers.

- Blue
- Lavender
- Pink

**CELOSIA**

*C. CRISTATA*

Concertina™ Series

Height: 1 to 10 in. (20 to 25 cm)
Spread: 6 to 1 in. (15 to 20 cm)

A PanAmerican Seed product.

Available as Ball Premier Line® seed.

Offered in a wide range of colors; best used as an indoor potted plant or outdoors in a sunny spot on the patio.

- Pink
- Purple
- Red
- Red Dark Leaf
- Yellow
- Mix May include most or all colors in the series.

**C. SPICATA (WHEAT CELOSIA)**

Kosmo Series

Height: 8 in. (20 cm)
Spread: 8 to 10 in. (20 to 25 cm)

A PanAmerican Seed product.

Available as Ball Premier Line® seed.

This genetically dwarf series is ideal for year-round programs, with no PGRs or pinching needed. Produces a main stem at the base with many side spikes; flower heads top well-proportioned leaves. Good shelf life at retail.

- Cherry
- New Orange Brings a bright orange color to the series.
- Pink US PVP 200400022
- Purple Red
- Salmon
- Yellow
- New Mixture Improved Includes NEW Orange.
**STANDARD CYCLAMEN**

**Halios® Series**
Florist-quality series delivers compact, continuous-flowering plants with large blooms on strong stems.

- **Height:** Varies by type
- **Spread:** Varies by type

*Halios* HD varieties are more compact varieties, and are well-suited to earlier and high-density programs. Recommended for 5 to 6.5-in. (13 to 17-cm) pots.

- **Height:** 10 to 14 in. (25 to 36 cm)
- **Spread:** 10 to 14 in. (25 to 36 cm)

- **HD Bright Purple**
- **HD Bright Rose**
- **HD Deep Magenta**
- **HD Grenadine**
- **HD Lilac**
- **HD Neon Rose**
- **HD Pure White**
- **HD Red Rebelle®**
- **HD Salmon**
- **HD Salmon Flame**
- **HD Salmon Rose**
- **HD White**
- **HD Mix**
- **HD Rose Mix** Well-matched mix of Magenta Flame, Salmon Flame, and salmon and rose varieties (not available separately).

**DHIVA varieties** (compact plants have large, thick-petaled flowers with round, flat petals that spread out like a fan); “HD” varieties are well-suited to high-density production:

- **DHIVA Pure White**
- **HD DHIVA Purple**
- **HD DHIVA Rose Eye** Dark, almost red eyes.

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Halios® Select Series
Eye-catching "fancy" varieties offer the same great Halios performance.
Height: 12 to 16 in. (30 to 41 cm)
Spread: 12 to 16 in. (30 to 41 cm)
A Ball Ingenuity product — seed is available exclusively through Ball Seed.
Best for 5.5 to 8.5-in. (14 to 22-cm) pots.

Standard varieties:
• Falbala Rose
• Funflame Magenta Magenta with white heart/edges.
• Litchi Rose

Fantasia varieties (extra long-lasting, white-rimmed flowers have thick petals curved out at the rim like a spoon):
• Fantasia Deep Rose
• Fantasia Magenta Up to 15% standard blooms.

• Fantasia Purple
• Fantasia Magenta Silverleaf
• Fantasia Purple Silverleaf
• Fantasia Red
• Fantasia Mix

Friola varieties show different flower shapes on 10% of the plants:
• Friola Light Purple
• Friola Magenta

CURLY varieties:
• CURLY Bright Purple
• CURLY Bright Scarlet
• CURLY Deep Rose
• CURLY Light Pink With Red Eye
• CURLY Light Rose & Flamed
• CURLY Litchi Rose
• CURLY Magenta
• CURLY Magneta With Edge

• CURLY Purple
• CURLY Purple With Edge
• CURLY Scarlet
• CURLY White Dark foliage.
• CURLY Early Mix
• CURLY Flame Mix
• CURLY Mix

Victoria 50 varieties (50% fringed and 50% standard blooms):
• Victoria 50 White flowers have light pink eye and edges.
• Victoria 50 Rose With Eye
• Victoria 50 Salmon More vigorous than Victoria 50.

Silverleaf varieties (distinctive silver-grey foliage pattern):
• Intense Blush Silverleaf Use for earlier programs than Blush Mix Silverleaf.
• Red Silverleaf
• White Silverleaf
• Flame Mix Silverleaf

Victoria 50 varieties (50% fringed and 50% standard blooms):
• Victoria 50 White flowers have light pink eye and edges.
• Victoria 50 Rose With Eye
• Victoria 50 Salmon More vigorous than Victoria 50.

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Fleur en Vogue Series
Height: 12 to 14 in. (30 to 35 cm)
Spread: 12 to 14 in. (30 to 35 cm)
Premium series has unique, "umbrella" blooms held centrally above the plant. The downward-facing petals have contrasting purple sepals for a fresh, stylish look. Crop time: 28 to 32 weeks; suited to 5 to 6.5-in. (13 to 17-cm) pots.

NOTE: Up to 15% of the plants will produce standard flowers.
• Pink
• Purple
• White

Order all the products in this catalog using WebTrack®.
STANDARD CYCLAMEN continued

**Metalis® Series**
A Ball Ingenuity product — seed is available exclusively through Ball Seed.
**Height:** 11 to 12 in. (28 to 30 cm)
**Spread:** 9 to 10 in. (23 to 25 cm)
Silverleaf, midi type ideal for 4 to 6-in. (10 to 15-cm) pots. Uniform series features a round, vigorous habit in six bold colors and one mix!
- Bright Purple
- Magenta
- New Light Pink With Eye
- Red
- Rose
- Salmon
- White
- Mix May contain most or all colors in the series.

**Sierra Series**
**Height:** 12 to 14 in. (30 to 36 cm)
**Spread:** 12 to 14 in. (30 to 36 cm)
Compact series of early, free flowering plants with large blooms and marbled foliage.
- Wine
- Flame Mix White-edged mix of rose, salmon, purple and deep red.

**Sierra Synchro Series**
**Height:** 12 to 14 in. (30 to 36 cm)
**Spread:** 12 to 14 in. (30 to 36 cm)
The most uniform and well-matched Sierra varieties are ideal for bench-run sales. High bloom counts of large, long-lasting flowers.
- Deep Rose
- Deep Salmon
- Light Pink With Eye
- Purple
- Purple Flame
- Rose
- Salmon Flame
- Scarlet
- White
- Wine Flame
- Mix May contain most or all colors in the series.

**Winter Ice Series**
**Height:** 12 to 14 in. (30 to 36 cm)
**Spread:** 12 to 14 in. (30 to 36 cm)
The first silverleaf, large-flowered F1 series is suitable for Winter growing. Well-matched for earliness, plant habit and large flower size. Slightly larger and about 2 weeks later to flower than Sierra; matches Rainier for size.
- Purple
- Rose
- Salmon
- Scarlet
- White
- Mix May contain most or all colors in the series.
Indiaka® Series

**Dreamscape™ Series**
Height: 6 to 9 in. (15 to 23 cm)
Spread: 9 to 13 in. (21 to 33 cm)
A Ball Ingenuity product — seed is available exclusively through Ball Seed.

Specially bred and selected to deliver the best outdoor performance of any cyclamen on the market. That means pro landscapers and home gardeners alike can now confidently plant cyclamen in-ground and count on better, longer performance. All colors can be sown at the same time to ship and sell together.

- **Bright Red**
- **Deep Burgundy** Unique color to outdoor cyclamen.
- **Deep Rose** Model for the series offers unique color for outdoor use.
- **Purple**
- **Salmon Eye** Slightly larger plant than other Dreamscape colors.
- **White**
- **Dark Flamed Mix** Well-balanced mix of dark flame varieties.

**Indiaka® Series**
Height: 11 to 12 in. (28 to 30 cm)
Spread: 9 to 10 in. (23 to 25 cm)
A Ball Ingenuity product — seed is available exclusively through Ball Seed.

Originality in a midi type. Generous, long-lasting blooms have two-tone color that changes depending on the environment; some petals have a horizontal spread, some are more colorful at the top, while others are striped.

- **Magenta**
- **Bright Purple**
- **Rose**
- **Salmon**
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**Laser Synchro Series**
Height: 10 to 12 in. (25 to 30 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Available as Ball Premier Line® seed.

This “synchronized” series features the most uniform, well-matched colors of the popular Laser series. The compact, mound plants have mid-size flowers.

- **Pink**
- **Pink Flame**
- **Purple**
- **Purple Flame**
- **Rose Flame**
- **Salmon**
- **Scarlet**
- **White**
- **Mix** May contain most or all colors in the series.

**INTERMEDIATE CYCLAMEN**

Dreamscape™ Series
Height: 6 to 9 in. (15 to 23 cm)
Spread: 9 to 13 in. (21 to 33 cm)
A Ball Ingenuity product — seed is available exclusively through Ball Seed.

Specially bred and selected to deliver the best outdoor performance of any cyclamen on the market. That means pro landscapers and home gardeners alike can now confidently plant cyclamen in-ground and count on better, longer performance. All colors can be sown at the same time to ship and sell together.

- **Bright Red**
- **Deep Burgundy** Unique color to outdoor cyclamen.
- **Deep Rose** Model for the series offers unique color for outdoor use.
- **Purple**
- **Salmon Eye** Slightly larger plant than other Dreamscape colors.
- **White**
- **Dark Flamed Mix** Well-balanced mix of dark flame varieties.

**Laser Synchro Series**
Height: 10 to 12 in. (25 to 30 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Available as Ball Premier Line® seed.

This “synchronized” series features the most uniform, well-matched colors of the popular Laser series. The compact, mound plants have mid-size flowers.

- **Pink**
- **Pink Flame**
- **Purple**
- **Purple Flame**
- **Rose Flame**
- **Salmon**
- **Scarlet**
- **White**
- **Mix** May contain most or all colors in the series.
INTERMEDIATE CYCLAMEN continued

**Latinia® Series**

*Height:* 10 to 14 in. (25 to 35 cm)  
*Spread:* 10 to 14 in. (25 to 35 cm)

A Ball Ingenuity product, available exclusively through Ball Seed.

Abundant, large blooms are well-centered on very compact, early-flowering plants. Excellent flowering uniformity. Great for outdoor use.

- Deep Rose
- Lilac
- Purple
- Rose With Eye
- Rose With Purple Eye
- Scarlet Red
- White
- Flamed Mix
- Mix

Success varieties are extremely uniform for high-density programs. More compact with bigger blooms. Early, large-flowered plants grow strongly, even in high temperatures.

- Success Bright Red
- Success Candy Pink
- Success Deep Magenta
- Success Deep Salmon
- Success Light Purple
- Success Neon Rose
- Success Pure White
- Success Rose
- Success Salmon
- Success Mix

**Latinia Select Series**

*Height:* 10 to 12 in. (25 to 10 cm)  
*Spread:* 10 to 12 in. (25 to 10 cm)

A Ball Ingenuity product — seed is available exclusively through Ball Seed. “Fancy” varieties offer the same outstanding Latinia performance on a slightly more compact plant. Fantasia varieties produce bicolor, white-rimmed flowers with thick petals curved out at the rim like a spoon.

- Fantasia Deep Magenta
- Fantasia Purple
- Fantasia Red
- Fantasia Mix
- Fringed Mix
- Funflame Magenta Two-color contrast with “flame” effect, from intense magenta to white.
- Pipoca Mix Some buds stay acid green and soften as flowers bloom. Includes magenta, purple and salmon/rose shades.
- Victoria 50 50% fringed and 50% standard blooms. White with light pink.
- Victoria 50 Rose With Eye 50% fringed and 50% standard blooms.

**Latinia Mix**

Some buds stay acid green and soften as flowers bloom. Includes magenta, purple and salmon/rose shades.

**Latinia Select Pipoca Mix**

50% fringed and 50% standard blooms. White with light pink.

**Latinia Mix**

Two-color contrast with “flame” effect, from intense magenta to white.

**Latinia Select Victoria 50**

50% fringed and 50% standard blooms.

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Tianis® Series
Uniform series and short production time make growing and selling easy.

Height: 8 to 10 in. (20 to 25 cm)
Spread: 8 to 10 in. (20 to 25 cm)

A Ball Ingenuity product — seed is available exclusively through Ball Seed.

Produces an abundance of very uniform, long-lasting, mid-size flowers. The plants are more compact than Latinia Select varieties and flower 2 to 3 weeks earlier.

Fantasia varieties produce bicolor, white-rimmed blooms with thick petals that are curved at the rim like a spoon. Best for 4 to 5-in. (10 to 13-cm) pots.

- Bright Red
- Dark foliage.
- Deep Magenta
- Deep Rose
- Deep Salmon
- Fantasia Deep Magenta
- Includes a small number of standard blooms.
- Fantasia Deep Rose
- Fantasia Purple
- Fantasia Red
- Fantasia Rose
- Pure White
- Purple
- Rose
- Rose Picotee With Eye
- Salmon With Eye
- Scarlet Red
- White
- Flame Mix
- Mix May contain most or all colors in the series.
- Success Mix High-performing, 8-color mix is very even in size and flowering window.

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MINIATURE CYCLAMEN

Metis® Series
The richest mini F1 color assortment available.
Height: 6 to 10 in. (15 to 25 cm)
Spread: 6 to 10 in. (15 to 25 cm)
A Ball Ingenuity product — seed is available exclusively through Ball Seed.
Strong mini-plants provide pure, long-lasting color and excellent shelf life.
Good in gardens and mixed color bowls. Silverleaf varieties feature dark foliage with silver mottling. Best for 1.5 to 5-in. (9 to 13-cm) pots.
• Bright Red Compact
• Deep Magenta
• Deep Magenta Silverleaf
• Deep Rose
• Deep Rose Silverleaf
• Light Pink With Eye
• Light Purple
• Lilac Shades With Eye
• Magenta Silverleaf
• Purple
• Pure White
• Pure White Silverleaf
• Rose Shades
• Salmon Rose
• Salmon Shades Silverleaf
• Scarlet Compact
• Scarlet Red Silverleaf
• Flamed Mix
• Mix May contain most or all colors in the series
• Silverleaf Mix
• Summer Mix The most compact Metis varieties, in 10 warm, lively colors.

Metis® Select Series
“Fancy” varieties offer the same outstanding Metis performance.
Height: 6 to 10 in. (15 to 25 cm)
Spread: 6 to 10 in. (15 to 25 cm)
A Ball Ingenuity product — seed is available exclusively through Ball Seed.
Fantasia varieties offer extra long-lasting, bicolor white-rimmed flowers that have thick, curved petals. Best for 3.5 to 5-in. (9 to 13-cm) pots.
• New Fantasia Artic Red
• Fantasia Deep Magenta
• Fantasia Purple
• Fantasia Red
• Fantasia Red & Deep Rose
• Fantasia Scarlet Salmon
• New Lilibelle Bright Purple
• New Lilibelle Magenta
• Origami Silverleaf Unique petal shape evokes an origami fold; bicolor contrast of very intense purple and white.
• Victoria White with magenta-purple eye and edge.
• Victoria Salmon & Rose
• Fantasia Mix More compact mix is well-suited to warmer conditions and early programs. Includes Red, Deep Rose, Scarlet Salmon, Deep Magenta and Purple.
• Fantasia Winter Mix More vigorous even in short days, with noticeable resistance to Botrytis. Includes 5 vibrant colors: Red, Deep Rose, Light Purple, Magenta and Purple. Good for late programs.
• PomPom Mix Fringed, green-leaved mix of 5 colors/shades.
• Victoria Deco Mix Flowers are approximately 85% white with violet or magenta eye, and 15% salmon rose to rose. Compact, vigorous plants have foliage that varies in color from primarily silver shaded to about 20% solid dark green.

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NEW Metis Select
Fantasia Artic Red

NEW Metis Select
Lilibelle Bright Purple

NEW Metis Select
Lilibelle Magenta

Smartiz® Select Series
Extra-compact plants are ideal for micro and mini programs.
Height: 6 to 8 in. (15 to 20 cm)
Spread: 6 to 8 in. (15 to 20 cm)
A Ball Ingenuity product — seed is available exclusively through Ball Seed.
Well-matched plants offer central flowering and good resistance to high heat stress. Uniform and fast to finish. Best for 2.5 to 4-in. (6 to 10-cm) pots.
• Fantasia Deep Magenta
• Fantasia Purple
• Fantasia Red
• Fantasia Rose
• Victoria

Smartiz® Series
Height: 6 to 8 in. (15 to 20 cm)
Spread: 6 to 8 in. (15 to 20 cm)
A Ball Ingenuity product — seed is available exclusively through Ball Seed.
Best for 2.5 to 4-in. (6 to 10-cm) pots.
• Bright Red
• Deep Magenta
• Deep Rose
• Light Purple
• Pure White
• Purple
• New Red
• Rose
• Mix includes 11 colors.

Snowridge Collection
Available as Ball Premier Line® seed. We have grouped all of the eye-catching Snowridge colors into one collection — all feature thick petals with distinctive white edge, plus heat and Botrytis tolerance.
Maxi:
Height: 12 to 14 in. (30 to 36 cm)
Spread: 12 to 14 in. (30 to 36 cm)
• Maxi Purple
• Maxi Rose

Midi:
Height: 10 to 12 in. (25 to 30 cm)
Spread: 10 to 12 in. (25 to 30 cm)
• Midi Purple
• Midi Scarlet
• Midi Wine

Winfall Mix
Height: 6 to 8 in. (15 to 25 cm)
Spread: 6 to 10 in. (15 to 25 cm)
Perfect for Fall and Winter production indoors and out, Winfall sizes up under low temperatures and requires less energy.
Early uniform-flowering mix has a tight, compact habit that still allows air flow to reduce the risk of Botrytis. Flowers are scented. Bicolor flowers. Good for high-density, 2.5 to 4.5-in. (6 to 11-cm) programs.

SPECIALTY CYCLAMEN

EDIBLE POTTED PLANTS
See Vegetables.
**Exacum**

_E. affine_

**Crop time:** 15 to 19 weeks

Our exacum lineup is perfect for Summer potted plant programs, offering low cost and fast production. Long-lasting flowers have a sweet scent. Very good shelf life.

**Princess Series**

**Height:** 4.5 to 6 in. (11 to 15 cm)

_A PanAmerican Seed product._

_Available as Ball Premier Line® seed._

- _Best for 4 to 5-in. (10 to 13-cm) pots._
- _Deep Blue_
- _White_

**Royal Dane Series**

**Height:** 4.5 to 6 in. (11 to 15 cm)

_A PanAmerican Seed product._

_Available as Ball Premier Line® seed._

- _Best for 2.25 to 5-in. (6 to 11-cm) pots._
- _Deep Blue_
- _Deep Rose_
- _White_

**New Foliage Potted Plants**

**New Chamaedorea**

_C. elegans_

**Height:** 10 to 21 in. (25 to 55 cm)

_Spread:_ 6 to 14 in. (15 to 35 cm)

A palm out of Mexico that is suitable for smaller 3.5-in. (9-cm) to 6.5-in. (17-cm) pots.

**New Coffeea**

_C. arabica_

**Height:** 6 to 12 in. (15 to 30 cm)

_Spread:_ 6 to 8 in. (15 to 20 cm)

An attractive variety with shiny leaves that is suitable for 2.5-in. (6-cm) to 4.5-in. (11-cm) pots.

**New Dypsis**

_D. lutescens_

**Height:** 10 to 31 in. (25 to 80 cm)

_Spread:_ 6 to 16 in. (15 to 40 cm)

Known as the golden can palm, _Dypsis lutescens_ is suitable for 3.5-in. (9-cm) to 7.5-in. (19-cm) pots.

**New Pachypodium**

_P. lamerei_

**Height:** 4 to 10 in. (10 to 25 cm)

_Spread:_ 4 to 8 in. (10 to 20 cm)

Pachypodium has its origin in one of the driest areas of Madagascar, where it survived and thrived. Suitable for 2-in. (5.5-cm) to 5.5-in. (14-cm) pots.

**New Philodendron**

_P. selloum_

**Height:** 23 to 35 in. (60 to 90 cm)

_Spread:_ 20 to 28 in. (50 to 70 cm)

Belongs to the Aracea family. Leaves have small openings when the plants are young, and larger openings as the plants mature. Suitable for 6.5-in. (17 cm) to 9.5-in. (24-cm) pots.

**New Schefflera**

_S. arboricola_

**Height:** 8 to 20 in. (20 to 50 cm)

_Spread:_ 6 to 12 in. (15 to 30 cm)

Suitable for 5-in. (12-cm) to 6.5-in. (17-cm) pots.

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GERBERA
G. jamesonii (Transvaal Daisy)

Crop Time: 4-in. (10-cm) pots, 22 to 24 weeks

Bengal Mix
Height: 8 to 10 in. (20 to 25 cm)
Spread: 6 to 8 in. (15 to 20 cm)
Available as Ball Premier Line® seed.
Big brother to the Jaguar series is more vigorous with a bigger plant habit. Produces a continuous show of large flowers on short stems. Well-suited to 6-in. (15-cm) pots, gallons and larger.

Cartwheel Series
Height: 16 to 18 in. (41 to 46 cm)
Spread: 12 to 16 in. (30 to 41 cm)
Available as Ball Premier Line® seed.
Rich colors on large, distinctive, semi-double flowers capture attention at retail and add depth to seasonal displays.
Early-flowering series is ideal for premium 5-in. (11-cm) and larger programs.

• Autumn Colors Mix of 1 components segregates to provide a total of 7 colors, including yellow, butterscotch, scarlet and bronze.
• Chardonnay Crisp, buttery yellow.
• Strawberry Twist Shades range from creamy yellow with a hint of pink to deep strawberry with a hint of yellow.

ColorBloom™ F1 Series
Height: 4 to 6 in. (10 to 15 cm)
Spread: 6 to 1 in. (15 to 20 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Compact and fast to flower, with colorful blooms that hold their color.

• Bicolor Orange Yellow
• Cherry with Light Eye
• Deep Rose with Light Eye
• Red with Light Eye
• New Red with Dark Eye More uniform in color and around one week earlier to flower than competing reds.
• New White with Dark Eye Clear white and uniform in color.
• Yellow with Dark Eye
• New Mix Improved Includes all varieties in the series. Note that Bicolor Orange Yellow is one week later to flower than the rest of the varieties.

FloriLine Series
Gerbera pot plant series has the strongest colors on the market. A perfect selection of flowers and crops with a wide range of colors, extraordinary two-tones and customizable mixes. Available in a variety of flower sizes for various pot sizes.

• Giant:
Height: 6 to 7 in. (15 to 17 cm)
Spread: 5 to 5.5 in. (13 to 14 cm)
• Coral Light Eye
• Coral Dark Eye
• Orange Dark Eye
• Orange Light Eye
• Pink Light Eye
• Red Light Eye
• White Light Eye
• Yellow Light Eye

• Maxi:
Height: 4.5 to 6 in. (11 to 15 cm)
Spread: 4 to 4.5 in. (8 to 11 cm)
• Coral Light Eye
• Dark Fireball Dark Eye
• Dark Purple Light Eye
• Eyecatcher Purple Dark Eye
• Eyecatcher Red Dark Eye
• Fireball Dark Eye
• Hot Pink Light Eye
• Light Pink Dark Eye
• Lilac Dark Eye
• Orange Dark Eye
• Orange Light Eye
• Pink Dark Eye
• Pink Light Eye
• Red Light Eye
• Red Eye
• White Light Eye
• Yellow Dark Eye
• Yellow Light Eye
• Dark Eye Select Mix
• Hot Summer Light Eye Mix
• Select Mix May contain most or all colors in the series.

• Midi:
Height: 4 to 5 in. (10 to 13 cm)
Spread: 3 to 3.5 in. (8 to 9 cm)
• Bicolor Dark Eye
• Dark Fireball Dark Eye
• Eyecatcher Dark Purple Dark Eye
• Eyecatcher Purple Dark Eye
• Eyecatcher Red Dark Eye
• Fireball Dark Eye
• Lavender Dark Eye
• Light Pink Dark Eye
• Lilac Dark Eye
• Lilac Light Eye
• Orange Dark Eye
• Orange Light Eye
• Pink Light Eye
• Red Light Eye
• Red Eye
• White Light Eye
• Yellow Dark Eye
• Yellow Light Eye
• Select Mix May contain most or all colors in the series.

• Mini:
Height: 3.5 to 4.5 in. (9 to 11 cm)
Spread: 2 to 3 in. (5 to 8 cm)
• Dark Purple Dark Eye
• Orange Dark Eye
• Red Dark Eye
• White Light Eye
• Yellow Dark Eye
GERBERA continued

**Jaguar Series**

Height: 8 to 10 in. (20 to 25 cm)
Spread: 8 to 12 in. (20 to 30 cm)

Available as Ball Premier Line® seed.

Very uniform series flowers up to 10 days faster than comparable varieties, producing 3 to 4-in. (8 to 10-cm) blooms over short, thick stems and a compact rosette of leaves. Well-suited to 4.5 to 5-in. (11 to 13-cm) pots.

**Light Eye:**
- Deep Orange
- Deep Rose
- Fire
- Light Red
- Pink
- Rose Picotee
- Tangerine
- New White
- Yellow

**Dark Eye:**
- Fire With Dark Eye
- Lemon With Dark Eye
- Rose With Dark Eye
- Scarlet Shades With Dark Eye
- Yellow With Dark Eye

**Mixes:**
- Fall Colors Mix
- Mix May contain most or all colors in the series.
- Salsa Mix Includes red, yellow, scarlet and orange varieties.
- Spring Time Mix Light-eyed Yellow and Pink, plus orange, salmon pastel and white (not available separately).

**Majorette F1 Series**

Height: 8 to 10 in. (20 to 25 cm)
Spread: 10 to 12 in. (25 to 30 cm)

Available as Ball Premier Line® seed.

Extremely uniform series is well-suited to quarts and larger containers with multiple plants.

- Blazing Eyes
- Bright White Dark Eye
- Orange Dark Eye
- New Pink Halo Improved Earlier to flower to match the series.
- Red Dark Eye
- Sunset Orange Light Eye
- New Yellow Dark Eye Improved Earlier to flower to match the series.
- Mix May contain most or all colors in the series.

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Mega Revolution™ Series
Height: 6 to 10 in. (15 to 25 cm)
Spread: 12 to 14 in. (30 to 36 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Early-flowering series produces vigorous, bushy plants with extremely large blooms, making it the ideal choice for 6-in. (15-cm) and larger containers. Good in patio planters and gardens.
• Bright Orange with Light Eye
• Bright Red
• Bright Rose with Dark Eye
• Deep Rose with Light Eye
• Orange with Dark Eye
• Orange with Light Eye
• Rose with Light Eye
• Salmon Rose with Light Eye
High percentage of double-petaled blooms.
• New Scarlet Red with Light Eye
Improved Features shorter flower stems, a more compact plant, better flower performance and a higher flower count than the variety it replaces.
• Watermelon
• White with Light Eye
• Yellow with Dark Eye
• Classic Mix
• New Select Mix Improved Contains all the varieties in the series.

Revolution™ Series
The most uniform gerbera series you can grow!
Height: 4 to 8 in. (10 to 20 cm)
Spread: 10 to 12 in. (25 to 30 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Revolution beats every other gerbera series on the market for uniformity of flowering window across a complete color range. Compact plants are short-stemmed with dark green leaves and have an excellent second flush of flowers. Good for 4.5 to 5.5-in. (11 to 14-cm) pot and quart programs.
• Bicolor Red Lemon
• Bicolor Red White
• Bicolor Rose White
• Bicolor Yellow Orange
• Bright Rose with Light Eye
• New Deep Orange with Dark Eye
• Deep Pink with Light Eye
• Golden Yellow with Dark Eye
• Pastel Orange
• Red with Dark Eye
• Red with Light Eye
• Salmon Shades with Light Eye
Features short stems, making it a good mix component, with shades from deep salmon to pink.
• White with Light Eye
• Yellow with Light Eye
• Bicolor Mix A Ball Ingenuity product, available exclusively through Ball Seed.
Includes all four bicolor varieties.
• Select Mix
GERBERA continued

Royal Series

Height: 10 to 14 in. (25 to 36 cm)
Spread: 12 in. (30 cm)
Available as Ball Premier Line® seed.
Early and uniform, mid-size plants have a prostrate growth habit and produce large flowers over dark green foliage.

Dark Eye:
• Apricot
• Bicolor Red
• Deep Orange
• Deep Pink
• Deep Rose
• Golden Yellow
• Orange Scarlet
• Peach
• Red
• Yellow

Light Eye:
• White

Semi-Double:
• Deep Rose With Light Eye
• Watermelon With Dark Eye

Mixes:
• Grower’s Choice Mix: White, Lemon, Deep Rose, Orange Scarlet and Apricot.
• Formula Mix: May contain most or all colors in the series.
• Premium Mix: Bright, well-balanced mix of 10 colors.

Royal Prince Neon Violet

Height: 6 to 10 in. (15 to 25 cm)
Spread: 6 to 7 in. (15 to 18 cm)
Available as Ball Premier Line® seed.
More compact than standard Royal, with flowers of same size on slightly taller stems. Good in 4-in. (10-cm) programs.

Sundayz Series

Long-lasting double flowers. This sturdy gerbera pot plant series brings sunny colors outside; designed for use on patio, terrace and balcony. Uniform plants with prolonged outdoor performance.

Maxi:
Height: 4.5 to 6 in. (11 to 15 cm)
Spread: 3 to 4.5 in. (8 to 11 cm)
• Red Dark Eye

Midi:
Height: 4 to 5 in. (10 to 13 cm)
Spread: 3 to 3.5 in. (8 to 9 cm)
• Berries & Cream Dark Eye

Mini:
Height: 3.5 to 4.5 in. (9 to 11 cm)
Spread: 2 to 3 in. (5 to 8 cm)
• Bicolor Dark Eye

GLOXINIA

Sinningia speciosa

Crop Time: 4-in. (10-cm) pots, 21 to 23 weeks

Avanti Mix

Height: 6 to 8 in. (15 to 20 cm)
Spread: 8 to 10 in. (20 to 25 cm)
Available as Ball Premier Line® seed.
Early-flowering, compact plants, each with 10 to 15 bell-shaped flowers. Very uniform across all colors. Flexible leaves are safe for shipping.

Brocade Mix

Height: 5 to 7 in. (13 to 18 cm)
Spread: 7 to 8 in. (18 to 20 cm)
Available as Ball Premier Line® seed.
100% double-flowering; red, dark blue, blue/white and red/white flowers. Use in 4 to 6-in. (10 to 15-cm) pots.
**F1 LISIANTHUS** Also see Cut Flowers. *Eustoma grandiflorum* (Texas Blue Bell)

Crop Time: 4-in. (10-cm) pots, 20 to 24 weeks

**Florida Series**

- **Height:** 8 to 10 in. (20 to 25 cm)
- **Spread:** 6 to 8 in. (15 to 20 cm)

A PanAmerican Seed product. Available as Ball Premier Line® seed.

The best choice for high-light/high-temperature markets. Fast-finish Florida resists rosetting in high temperatures at both the plug stage and after transplanting. Good indoor flowering gift plant or use for outdoor plantings; well-suited to 4.5 to 6-in. (11 to 15-cm) programs.

- Blue
- Pink
- Silver

**Mermaid Blue**

- **Height:** 6 in. (15 cm)
- **Spread:** 6 to 8 in. (15 to 20 cm)

Available as Ball Premier Line® seed. Heat/drought-tolerant series bears 2.5-in. (6-cm) blooms on basal-branching plants.

**PRIMULA**

**PRIMULA ACAULIS**

Crop Time: Packs, 5 to 6 months

**Danessa F1 Series**

- **Height:** 2 to 3 in. (5 to 7 cm)
- **Spread:** 6 in. (15 cm)

The market’s earliest flowering *P. acaulis*, ideal for early season sales and warmer temperature areas. The plants do not need cold for flower initiation and maintain a compact habit that is ideal in pot-tight programs.

- Apricot With Rose Eye
- Blue
- Burgundy
- Golden Shades
- Pink Shades
- Pink With Rose Eye
- Rose Bicolor
- Scarlet
- White
- New Yellow
- Mix May contain most or all colors in the series.

**Danova F1 Series**

- **Height:** 4 to 5.5 in. (10 to 14 cm)
- **Spread:** 5.5 to 7 in. (14 to 18 cm)

The Danova series includes both the original solid-color varieties and the bicolor primulas formerly marketed as the Bicolor series. Well-matched in flowering time and habit. Early to mid-season type, with 1 to 1.5-in. (2 to 4-cm) blooms held close to the foliage on compact plants.

- Appleblossom Bicolor
- Blue
- Burgundy Bicolor
- Cherry With Edge
- Cream Yellow
- Lemon Yellow
- Light Violet
- Orange-Yellow
- Pink
- Pink Bicolor
- Purple
- Red
- Red/Rose Shades
- Rose
- Rose & White Bicolor
- Rose Lavender Shades
- Velvet Red
- White
- Wine Bicolor
- Yellow With Eye
- Yellow-Red Bicolor
- Bicolor Mix
- Grower’s Select Mix 12-color mix, well-matched for flowering time and uniformity.
- Mix Solid-color varieties.
PRIMULA ACAULIS continued

Optic™ Series
Height: 4 to 6 in. (10 to 15 cm)
Spread: 6 to 8 in. (15 to 20 cm)
A PanAmerican Seed product
Available as Ball Premier Line® seed.
Full-flowering varieties with tidy green foliage provide bright and rich, non-fading color in Fall and Winter gardens and planters. Compact plants require less PGRs, and the series needs less cold to initiate flowers, making for easier programming. Superior seed quality results in a very uniform crop.
- Copper
- Cream
- Gold
- Rose
- Scarlet
- Scarlet Flame
- White
- Mix
All of the important colors and some novelties with a short flowering window.

Primera Mix
Height: 5 to 6 in. (13 to 15 cm)
Spread: 5 to 6 in. (13 to 15 cm)
Robust and large-flowered, early-season mix sizes up easily for 4-in. (10-cm) pot production. Well-suited to florist gift sales; can also be planted outdoors in the garden or in combination containers.

Primlet® Series (Reintroduction)
Height: 5 to 6 in. (13 to 15 cm)
Spread: 5 to 7 in. (13 to 18 cm)
A PanAmerican Seed product.
Clusters of scented blooms that look like mini-rose bouquets highlight these novel gift plants. The bright colors create attractive solo planters and are standouts in mixed plantings. Easy-to-grow mid-season series offers extended shelf life and lasts up to 1 weeks as an indoor lifestyle plant.
- Golden Shades
- Lemon Shades
- Pink Shades
- Purple
- Rose
- Rose with Edge
- Scarlet Red Shades
- Sunrise
- White
- Yellow
- Formula Mix May contain most or all colors in the series.

New Princessa F1 Series
Height: 6 in. (15 cm)
Spread: 8 in. (20 cm)
Early blooming acaulis is ideal for mass color plantings in large containers, baskets, mixed containers and landscapes. No cold treatment required for flower initiation.
- Blue
- Golden
- Pink
- Rose
- Scarlet
- White
- Mix May contain most or all colors in the series.

Sweet 16
One-of-a-kind looks make for sweet impulse sales!
Height: 5 in. (13 cm)
Spread: 7 in. (18 cm)
A Ball Ingenuity product, available exclusively through Ball Seed.
Extremely large blooms have a “yesterday, today and tomorrow” flower show. The blooms open white, change to pink and finish rose. Flowers 3 weeks earlier than Danova, with a slightly bigger plant.

Prima Mix
Crop Time: 4-in. (10-cm) pots, 4.5 to 6 months
Height: 6 in. (15 cm)
Spread: 6 to 7 in. (15 to 18 cm)
Early mix produces large, dense flower clusters held above compact, uniform plants.

Libre Mix
Crop Time: 4-in. (10-cm) pots, 4.5 to 6 months
Height: 8 to 10 in. (20 to 25 cm)
Spread: 6 to 8 in. (15 to 20 cm)
The first P. obconica varieties with little or no primin. Well-rounded plants. Good “bridge” crop – will handle conditions of Spring into Summer or Summer into Fall.

Touch Me Large Series
Height: 8 to 10 in. (20 to 25 cm)
Spread: 10 to 14 in. (25 to 36 cm)
Cheery, primin-free plants show off intense, eye-catching colors on sturdy, compact plants with firm, spring-green leaves.
- Blue
- Dark Orange
- Magenta
- Pink
- Violet
- White
- Mix

F1 PRIMULA MALACOIDES
Crop Time: 4-in. (10-cm) pots, 4.5 to 6 months

F1 PRIMULA OBCONICA
Crop Time: 4-in. (10-cm) pots, 4.5 to 6 months

F1 PRIMULA POLYANTHA
Crop Time: 4-in. (10-cm) pots, 5 to 6 months

Pacific Coast Mix
A Ball Ingenuity product, available exclusively from Ball Seed.
Height: 8 to 10 in. (20 to 25 cm)
Spread: 8 in. (20 cm)
Features good Winter hardiness and early-Spring color; with flowers being produced well above the plants to produce a good display of color.
SuperNova Series
Height: 8 in. (20 cm)
Spread: 7 to 8 in. (18 to 20 cm)
F1 hybrid vigor combines with disease resistance and tolerance to a wide range of temperatures. Early-blooming plants flower up to 3 weeks earlier than other F1 varieties; up to 4 weeks faster than O.P. types. Multiple flower stems in a uniform height hold the brightly colored, extra-large blooms. Compact, uniform plants have a tight flowering window, making them ideal for potted plant production. High germination.
• Blue
• Cream
• Fire
• Golden Yellow
• New Orange
• Pink
• Purple Bicolor
• Red
• Rose Bicolor
• Sky Blue Better stem length than Blue.
• White
• Yellow
• Mix May contain most or all colors in the series.

Magic Series
Height: 6 to 8 in. (15 to 20 cm)
Spread: 4 to 6 in. (10 to 15 cm)
Compact, well-branched plants finish uniformly between colors. The 2 to 3-in. (5 to 8-cm) blooms are held close to the plant. Excellent 4-in. (10-cm) potted crop; can also be planted in the garden with good results.
• Chocolate
• Golden Yellow
• Orange
• Pink and Peach
• New Purple
• Red
• Rose
• Rose Delight
• White
• Yellow
• Mix May contain most or all colors in the series.

Sprinkles Series
Height: 9 to 12 in. (23 to 30 cm)
Spread: 7 to 12 in. (18 to 30 cm)
Available as Ball Premier Line® seed. Compact series features abundant blooms in bright colors. Uniform blooms and fine leaf structure on full plants. Flourishes in cool indoor conditions or outdoors for early Spring displays.
• Light Pink
• Orange
• Pink
• Pink Bicolor
• Red
• Violet
• Violet Bicolor
• White
• Yellow
• Yellow Red Bicolor
• Mix May contain most or all colors in the series.

Sprinkles Dwarf F1 Series
Height: 6 to 8 in. (15 to 20 cm)
Spread: 4 to 5 in. (10 to 12 cm)
Available as Ball Premier Line® seed. Genetically compact version of Sprinkles, Sprinkles Dwarf is naturally round and compact and requires almost no growth regulator.
• Dark Pink
• Light Pink
• Red
• White
• Yellow
• Mix May contain most or all colors in the series.
**SUNFLOWER**  Also see Annuals and Cut Flowers.
*Helianthus annuus*

**Choco Sun**
- **Height:** 10 to 12 in. (25 to 30 cm)
- **Spread:** 12 to 14 in. (30 to 36 cm)
- **Days to maturity:** 49 to 61

*A PanAmerican Seed product.*
Available as Ball Premier Line® seed.
Very compact, well-branched plants produce lemon-yellow flowers with dark chocolate brown centers over very dark green leaves. Sets a large bloom on the central stalk, with several smaller flowers on side shoots. Ideal for containers, window boxes and gardens.

**Miss Sunshine F1**
- **Height:** 10 to 16 in. (25 to 41 cm)
- **Spread:** 6 to 12 in. (15 to 30 cm)
- **Days to maturity:** 42 to 56

*A PanAmerican Seed product.*
Available as Ball Premier Line® seed.
Easy and economical to produce, mildew-tolerant Miss Sunshine needs fewer PGRs and will flower at a shorter height under short days. The 1 to 4-in. (7 to 10-cm), sunny golden-colored blooms "face up" for retail impact, and produce long-lasting color for the consumer, with a fast flush of secondary flowers. Pollen-free.

**SunBuzz**
- **Height:** 12 to 20 in. (30 to 51 cm)
- **Spread:** 12 to 20 in. (30 to 51 cm)
- **Days to maturity:** 42 to 56

*A PanAmerican Seed product.*
Available as Ball Premier Line® seed.
Clear, yellow-filled flowers make SunBuzz a real standout! Compact, smaller-leaved plants are more manageable and programmable on the bench, and more appealing in the store. Delivers better seed uniformity and needs fewer PGRs than similar varieties. A big improvement over Ballad, with less long-day sensitivity, faster flowering and a more compact habit.

**Solsation F1 Series**
- **Height:** 10 to 12 in. (25 to 30 cm)
- **Spread:** 10 to 14 in. (30 to 36 cm)
- **Days to maturity:** 56 to 63

Very compact plants produce large, pollenfree flowers with black centers, over long-lasting leaves. Suited to garden borders and containers.
- **Flame**
- **Lemon**
- **Yellow**

**Suntastic Yellow F1**
- **Height:** 10 to 24 in. (25 to 61 cm)
- **Spread:** 8 to 10 in. (20 to 25 cm)
- **Days to maturity:** 65

Naturally compact, very floriferous plants produce three waves of dark-centered, 5 to 6-in. (13 to 15-cm) flowers, with up to 20 per plant. Ideal for low bedding and window boxes; also makes a great indoor and outdoor container plant. All-America Selections Regional Winner (Great Lakes).

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**190**
Jenny’s Pearl Pink Delphinium, page 198

& MORE
A BREATH-TAKING BOUQUET OF COLORS & TEXTURES

Anemone Mona Lisa Orchid Shades Improved .................. 193
Aster Bonita Shell Pink ............................................. 194
Campanula Champion II Series 4 colors ....................... 195
Celosia Chief Series 6 colors & 1 mix ......................... 196
Celosia Kurume Series 5 colors & 1 mix ....................... 196
Delphinium Jenny’s Pearl Series Blue & Pink .................. 198
Flowering Kale Condor Red & White ............................. 199
Lisianthus Can Can Purple .......................................... 204
Lisianthus Echo Pure White Improved ......................... 202
Lisianthus Flare Jade & Yellow ................................... 202
Lisianthus Voyage 2 White Improved ......................... 204
Grass Panicum Frosted Explosion ................................. 205
Snapdragon Maryland Rose ......................................... 206
Snapdragon Potomac Pink Improved & Red Improved ...... 207
Sunflower Pro Cut 3 colors ......................................... 209
Sunflower Sunrich Orange Summer DMR ............ 208
Zinnia Queen Lime Blotch & Pure Orange .................... 210

A POPULAR VARIETY RETURNS!
Matthiola Column Ball Supreme ................................. 205

The best varieties for garden-fresh bouquets.

38 NEW Cut Flowers for 2021-2022
**AGERATUM**
Also see Annuals.
*A. houstonianum* (Floss Flower)

**Blue Horizon**
Height: 30 in. (76 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Available as Ball Premier Line® seed.
Mid-blue; also works well in landscapes.

**AMARANTHUS**
*A. caudatus* (Love Lies Bleeding)

**Coral Fountain**
Height: 40 in. (102 cm)
Spread: 15 in. (38 cm)
Velvety, coral-pink, tassel-like flower heads on long stems make an unusual and dramatic filler that can be used both fresh and dried. Heat tolerant.

**AMMI**
*Bishop’s Flower*
*A. MAJUS*
Queen of Africa
Height: up to 41 in. (122 cm)
Spread: 1 to 12 in. (20 to 30 cm)
Mid-June sowings produce white-flowering plants by mid-September. Suitable for greenhouse, field and garden cut flower production.

*A. VISNAGA*
Green Mist
Height: 24 to 41 in. (61 to 122 cm)
Spread: 41 in. (122 cm)
White flowers bloom in Summer over feathery, fernlike foliage.

**F1 ANEMONE**
Also see Annuals.
*A. coronaria*

**Mona Lisa® Series**
Will flower under lower Winter light levels than other varieties.
Height: 18 in. (46 cm)
Spread: 6 in. (15 cm)
A PanAmerican Seed product.
Sturdy stems hold vibrant, 4 to 5-in. (10 to 13 cm) flowers.
• Bicolor Red
• Deep Blue
• New Orchid Shades Improved Better germination and uniformity.
• Pink
• Scarlet Eye
• White
• Wine White Bicolor
• Mix May contain most or all colors in the series.

**ASCLEPIAS**
Also see Annuals and Perennials.
*A. curassavica*

**Silky Series**
Height: 24 to 28 in. (61 to 71 cm)
Spread: 8 to 10 in. (20 to 25 cm)
A PanAmerican Seed product.
Strong-stemmed plants have intensely colored blooms all Summer.
• Deep Red
• Golden yellow centers.
• Gold
• Mix Intense reds and golds.
ASTER Also see Annuals.
*Callistephus chinensis*

**Ball Florist Mix**
- **Height:** 25 to 28 in. (64 to 71 cm)
- **Spread:** 20 to 25 in. (51 to 64 cm)
- Vigorous, upright plants produce large, fully double flowers with incurved petals similar to chrysanthemums.

**Bonita Series**
- **Height:** 30 to 36 in. (75 to 91 cm)
- **Spread:** 8 to 12 in. (20 to 30 cm)
- Available as Ball Premier Line® seed.
- Button-type flowers that open fully atop vigorous plants. Tolerant of *Fusarium*.
- Also makes a nice pot plant.
  - Blue
  - Light Blue
  - Pink
  - Rose
  - Scarlet
  - New Shell Pink
  - White
  - Mix May contain most or all colors in the series.

**Fujimi Series**
- **Height:** 30 to 36 in. (75 to 91 cm)
- Grows upright and produces sprays of brightly colored flowers; ideal for high-density planting.
  - Coral Rose
  - Purple
  - Scarlet

**Matsumoto Series**
- **Height:** 24 to 30 in. (61 to 76 cm)
- **Spread:** 8 to 10 in. (20 to 25 cm)
- Available as Ball Premier Line® seed.
- Yellow-eyed, spray-type flowers.
  - Apricot
  - Blue
  - Blue Tipped White
  - Light Blue
  - Pink
  - Red
  - Rose
  - Scarlet
  - White
  - Yellow
  - Mix May contain most or all colors in the series.

**Serenade Series**
- **Height:** 30 in. (76 cm)
- **Spread:** 7 to 8 in. (18 to 20 cm)
- Early-blooming with 1.25-in. (3-cm), semi-double flowers and a spray-type habit for full bouquets.
  - Blue
  - Blue Tipped White
  - Deep Rose
  - Red
  - Rose
  - Rose Tipped White
  - Scarlet
  - White
  - Mix May contain most or all colors in the series.

**Bells of Ireland**
*Molucella laevis*

**Bells of Ireland**
- **Height:** 15 to 20 in. (38 to 51 cm)
- **Spread:** 15 to 20 in. (38 to 51 cm)
- Large, lime-green calyces.

**Bupleurum**
*B. rotundifolium*

**Griffiti**
- **Height:** 36 in. (91 cm)
- **Spread:** 18 to 24 in. (46 to 61 cm)
- Produces many small yellow flowers over foliage similar to eucalyptus.
F1 CAMPANULA
Also see Annuals Perennials and Potted Plants.
C. medium
Campana Series
Strong stems have good foliage and are 100% top-flowered.
Height: 30 to 34 in. (76 to 16 cm)
Spread: 5 in. (13 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Uniform plants have a short harvest window. Well-matched series is a low-energy crop for both Summer and Winter production.
- Deep Blue
- Lilac
- Pink
- White

New Champion II Series
Height: 27 to 35 in. (69 to 89 cm)
Spread: 5 to 6 in. (13 to 15 cm)
Available as Ball Premier Line® seed.
New series offers a uniform and shorter flowering window, uniform plant height and upward-facing flowers for better transportation.
- Deep Blue
- Lilac
- Pink
- Rose

CARTHAMUS
C. tinctorius (Safflower)
Grenade Orange
Height: 32 to 40 in. (81 to 102 cm)
Spread: 8 to 10 in. (20 to 25 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Round flower buds and round, thornless leaves are produced on stems of uniform length. Good for both indoor and outdoor production, flowering earlier than conventional strains. Useful fresh or dried.

CELOSIA Also see Annuals.
C. CRISTATA (COCKSCOMB)
Act Series
Height: 50 in. (130 cm)
Act gives you a very short crop time and lets you offer your customers a cut flower with big appeal, thanks to the exotic bright colors. Uniform plants with long, unbranched stems have good resistance to Botrytis and Fusarium. Crop time is 8 to 13 weeks from transplant, and Act can be harvested over a long period of time.
- Dara Velvet
- Enda Rose with orange rim
- Inca Yellow
- Rima Rose
- Verde Green
- Vida Lemon
- Zara Orange
- Ziva Pink

Bombay Series
Shorter production time, better transportability, better stress resistance and longer vase life – up to 3 weeks – than others of this type.
Height: 28 to 40 in. (71 to 102 cm)
Spread: 5 in. (13 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Large, comb-shaped flower heads in a wide range of appealing colors are produced on rounded stems, with no off-shoot flowers. Good for economical, high-density programs.
Bombay classic colors:
- Cherry
- Green
- Pink
- Purple
Bombay Fire colors (narrower with smaller leaves):
- Fiora (Orange Rose) Orange comb; rose neck
- Fire Deep red comb; purple-red neck

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CELOSIA CRISTATA continued

**New Chief Series**

**Height:** 24 in. (61 cm)

**Spread:** 5 to 6 in. (13 to 15 cm)

New series produces large, uniform, globe-shaped flower heads. Very well-suited for production in areas with high temperatures.

- Carmine
- Fire
- Gold
- Persimmon
- Red
- Rose

• Mix May contain most or all colors in the series.

**New Kurume Series**

**Height:** 28 to 47 in. (71 cm to 1.2 m)

**Spread:** 21 to 47 in. (71 cm to 1.2 m)

Produces large combs of vivid color. Very high tolerance to heat, drought and disease makes them ideal for Summer cut flowers.

- Corona
- Gold
- New Scarlet
- Orange Red
- Rose

• Mix May contain most or all colors in the series.

**Neo™ Series**

**Height:** 28 to 40 in. (71 to 102 cm)

**A PanAmerican Seed product.**

Available in Ball Premier Line® seed.

Neo is less long-day sensitive, making it easier to produce over a longer period during the year for most growers, and the plants produce a higher number of usable stems per sq. ft. than other C. cristata varieties. Large flowers with thick combs show off unique colors. Smaller leaf habit makes it easier to work with for bouquets and arrangements.

- Gold Deepest yellow color available in this type. NOTE: More sensitive to Fusarium compared to the rest of the series.
- Orange
- Pink Fastest to flower in the series and the only dark-stemmed variety, with a slightly smaller bloom.
- Red Slowest to flower and a bit shorter than others in the series.
- Rose Tallest of the series. More rose color, bigger flower heads, lighter green stems and slower to flower than Neo Pink.

**Spring Green**

**Height:** 40 to 48 in. (71 to 122 cm)

**Spread:** 5 in. (13 cm)

**A PanAmerican Seed product.**

Available in Ball Premier Line® seed.

Suitable for higher-density plantings, with a short programmable cultivation period. Ships well and delivers long vase life.

**C. PLUMOSA (FEATHER)**

**Century Series**

**Height:** 18 to 24 in. (46 to 61 cm)

**Spread:** 10 in. (25 cm)

Basal-branching plants produce 13-in. (33-cm) plumes. Suitable for greenhouse, field or garden cut flower production.

- Fire
- Pink
- Red Bronze foliage.
- Rose
- Salmon Pink
- Yellow

• Mix May contain most or all colors in the series. All-America Selections National Winner.

**Sunday™ Series**

**Height:** 28 to 40 in. (71 to 102 cm)

**Spread:** 5 in. (13 cm)

**A PanAmerican Seed product.**

Available in Ball Premier Line® seed.

Offers longer stem length with a nice full plume and intense flower colors. Good shipping and vase life.

- Dark Pink
- Gold Brighter yellow-gold color than Yellow.
- Bright Pink Slightly shorter plumes than others in the series.
- Cherry Slightly larger leaves than others in the series.
- Orange
- Purple
- Red
- Wine Red
- Yellow

• Mix Bronze, Dark Pink, Red and Wine Red, selected for the most uniform mix in a wide color range.

**Sylphid Lime**

**Height:** 21 in. (71 cm)

**Spread:** 12 in. (30 cm)

Masses of 6 to 12-in. (15 to 30-cm), lime-green plumes on tall, straight stems make this an excellent bouquet filler and useful for all kinds of arrangements. Responds very well to light and temperature. In the greenhouse with lighting and heating, Winter production is possible.

**C. SPICATA (WHEAT CELOSIA)**

**Flamingo Series**

**Height:** varies by variety

- Feather Light pink later fades to white under high heat. 18 to 26 in. (46 to 66 cm).
- Purple Bushier, twice as large and later to bloom than Flamingo Feather. 36 to 48 in. (91 to 122 cm).
COSMOS
Also see Annuals.
C. bipinnatus

Sensation Mix
Height: 48 in. (122 cm)
Spread: 20 to 25 in. (51 to 65 cm)
Large, single flowers with yellow center.

CRASPEDIA
C. uniflora (globosa)

Drumstick
Height: 37 in. (95 cm)
Spread: 12 in. (30 cm)
Available as Ball Premier Line® seed.
Wiry stems hold golden yellow florets.

DELPHINIUM
Also see Larkspur and Perennials.

D. X BELLADONNA

Belladonna
Height: 30 to 36 in. (76 to 91 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Sky blue.

Bellamosum
Height: 30 to 36 in. (76 to 91 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Deep blue. Good companion to Belladonna.

Blue Donna
Height: 32 to 40 in. (81 to 102 cm)
Spread: 8 to 10 in. (20 to 25 cm)
A PanAmerican Seed product.
Uniform, deep blue, semi double-flowered variety is heat tolerant with low disease sensitivity. Productive, multiple flush crop has a fast 12 to 16-week crop time from planting. Harvest when 25 to 30% of the flowers are open.

Casablanca
Height: 42 in. (107 cm)
Spread: 10 to 12 in. (25 to 30 cm)
White; contains a small percentage of pale blue flowers. Can be grown year-round in coastal or mild Winter regions.

D. ELATUM

Aurora F1 Series
Height: 35 to 47 in. (89 to 119 cm)
Spread: 18 to 24 in. (46 to 61 cm)
Outstanding uniform flowering time is at least 1 month earlier than older O.P. varieties. The sturdy stems are covered with large, overlapping florets that completely cover the stem, over relatively small leaves. Also works well in bedding plant programs to sell green in packs or small pots, or as a garden perennial in 1 to 2-gallon containers.
- Blue
- Deep Purple
- Lavender
- Light Blue
- Light Purple
- White
- Mix May contain most or all colors in the series.

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D. ELATUM continued

Guardian F₁ Series

Very uniform blooming within each variety under short days and up to 6 weeks earlier to flower than open-pollinated types.

Height: 30 to 39 in. (76 to 99 cm)
Spread: 10 to 12 in. (25 to 30 cm)

A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Thick, strong stems and tight, narrow flower spikes are great for shipping.

• Blue
• Lavender
• White
• Mix

Magic Fountains Series

Height: 3 to 4 ft. (91 cm to 1.2 m)
Spread: 24 to 36 in. (61 to 91 cm)

Sturdy, compact plants.

• Cherry Blossom/White Bee
• Dark Blue/Dark Bee
• Dark Blue/White Bee
• Lavender/White Bee
• Lilac Pink/White Bee
• Mid Blue/White Bee
• Pure White
• Sky Blue/White Bee
• White/Dark Bee
• Crystal Mix White bee varieties only.

• Mix

Pacific Giants Series

Height: 4.5 to 6 ft. (137 to 183 cm)
Spread: 10 to 12 in. (25 to 30 cm)

Large, semi-double blooms. All have white bees, except Blue Jay, Black Knight and Percival, which have black bees.

• Astolat Blush pink shades with darker tones. Can show both creamy white and dark bees.
  • Black Knight Dark blue.
  • Blue Bird Medium blue.
  • Blue Jay Medium blue.
  • Cameliard Lavender-rose.
  • Galahad Pure white.
  • Guinevere Lavender-pink.
  • King Arthur Royal violet.
  • Percival White.
  • Summer Skies Light blue.
  • Mix

D. GRANDIFLORUM

New Jenny’s Pearl Series

Height: 20 to 28 in. (50 to 70 cm)
Spread: 10 to 12 in. (25 to 30 cm)

Mounds of lacy leaves are covered in airy sprays of delicate blooms from early Summer to Fall.

• Blue
• Pink

Planet F₁ Series

Height: 16 to 20 in. (41 to 51 cm)
Spread: 8 to 10 in. (20 to 25 cm)

The perfect bouquet component. Early blooming, with delicate star-shaped flowers. Also great as a bedding or potted crop.

• Blue
• Light Pink

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DIANTHUS  Also see Annuals and Perennials.

D. BARBATUS INTERSPECIFIC SINGLE-FLOWERED TYPE

Amazon™ F1 Series
Height: 18 to 24 in. (46 to 61 cm); finishes at 36 in. (91 cm) tall as a Winter greenhouse-grown crop
Spread: 10 to 12 in. (25 to 30 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Vibrant blooms over very dark green, glossy foliage. No vernalization required for flowering.
• Neon Cherry
  • Neon Duo 50:50 mix of Neon Cherry and Neon Purple on separate plants.
• Neon Purple
• Rose Magic

Sweet™ F1 Series
Height: 18 to 36 in. (46 to 91 cm) for field-grown; taller from early Fall-transplanted, greenhouse-grown plants
Spread: 10 to 12 in. (25 to 30 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
High-yielding plants are very uniform for height and flowering time. No vernalization needed for first-year-flowering. Produces long-lasting, very fragrant blooms on vigorous, frost-tolerant plants.
• Black Cherry
• Coral
• Deep Pink Maxine  Offers a more intense color than Sweet Pink. A top-selling color in most markets.
• Magenta Bicolor
• Pink
• Pink Magic
• Purple
• Purple White Bicolor
• Red
• Scarlet  Deep scarlet, 3 to 5 days later to flower than others in the series.
• White
• Mix Includes Black Cherry, Purple White Bicolor and White.

ECHINACEA  See Perennials.

ERYNGIUM  Also see Perennials.

E. planum
Glitter Series
Height: 26 to 39 in. (66 to 99 cm)
Spread: 15 in. (38 cm)
Dense spikes of flowers are shaped like small pincushions. Tall, strong, silver-blue stems have dark green leaves. Very heat tolerant and easy-care. Good vase life.
• Blue
• White

EUCALYPTUS

E. CITRIOLEUM
Lemon Bush
Height: 36 to 60 in. (91 to 152 cm)
Spread: 36 to 60 in. (91 to 152 cm)
Fast-growing, shrub-like plant has textured, aromatic foliage with lemon scent. Leaves contain citronella oil, a natural insect repellent. Good in containers and landscapes.

E. GUNNII
Silverdrop
Height: 20 in. (51 cm)
Spread: 8 to 10 in. (20 to 25 cm)
Fragrant, small, blue-green leaves on vigorous, uniform filler plants with strong side branching.

EUPHORBIA  See Annuals.

EUSTOMA  See Lisianthus. Also see Potted Plants (Lisianthus).

FLOWERING KALE (ORNAMENTAL KALE)  Also see Annuals and Vegetables (Kale).
Brassica oleracea
Condor F1 Series
Height: 25 to 30 in. (64 to 76 cm)
Spread: 5 to 6 in. (13 to 15 cm)
Eye-catching, on-trend look for arrangements. Ideally shaped, small head on a strong and straight stem – easy to cut and bunch.
• Pure White
• New Red
• New White

Crane F1 Series
Height: 24 to 35 in. (61 to 89 cm)
Unique flower heads resembling large roses are tight and colorful; 6-in. (15-cm) diameter. Long-stemmed varieties are uniform and long lasting.
• Bicolor  Creamy white with rose center; green outer petals.
• Pink
• Red
• Rose
• White

Crane Feather F1 Series
Height: 20 to 36 in. (51 to 91 cm)
The first uniform feather-leaf kale offers two distinct colors, excellent stem length for easy harvest and uniform habit. Adds texture and interest to floral arrangements.
• King White
• Queen Red

Ball Seed is working hard to make sure the seed you receive has been tested for seedborne diseases. Flowering Kale seed is tested according to the International Seed Health Initiative (ISHI) guidelines.
FLOWERING KALE continued

Flare Series

**Stem length:** 30 to 38 in. (76 to 97 cm)

Extra-early, long-stemmed series features unique, slightly wavy leaves. Long-lasting in arrangements and bouquets.

- **Rose**
- **White** Pure white center is ideal for dyeing.

Lucir F1 Series

**Height:** Varies by variety

Features long-lasting, shiny leaves and long, single stems ideal for arrangements.

- **Rose** 25 to 30 in. (64 to 76 cm) tall.
- **White** 30 to 35 in. (76 to 89 cm) tall.

Grace Mix

**Height:** 30 in. (76 cm)

**Spread:** 10 to 12 in. (25 to 30 cm)

Basal-branching plants hold 2-in. (5-cm) flowers on strong stems.

G. HAAGEANA

**Crop Time:** 18 weeks

**QIS Series**

**Height:** 24 to 26 in. (61 to 66 cm)

**Spread:** 8 to 10 in. (20 to 25 cm)

A PanAmerican Seed product.

- **Carmine**
- **Lilac**
- **Orange**
- **Purple**
- **Red**
- **Mix** May contain most or all colors in the series.

G. PULCHELLA

Fireworks

**Height:** 4 ft. (122 cm)

**Spread:** 4 ft. (122 cm)

A PanAmerican Seed product.

Available as Ball Premier Line® seed.

Vigorous, drought-tolerant plants are topped by many long-lasting, hot pink flowers tipped with bright yellow. Resists weather damage. Suitable for field and garden cut flower production.

G. HAAGEANA

**Crop Time:** 18 weeks

**QIS Series**

**Height:** 24 to 26 in. (61 to 66 cm)

**Spread:** 8 to 10 in. (20 to 25 cm)

A PanAmerican Seed product.

- **Carmine**
- **Lilac**
- **Orange**
- **Purple**
- **Red**
- **Mix** May contain most or all colors in the series.

**Heliannthus** See Sunflower. Also see Annuals (Sunflower) and Potted Plants (Sunflower).

**Hairy Balls**

**Height:** 47 in. (119 cm)

Light green, round, inflated fruits with soft spikes top long, arching stems. Well-suited to butterfly gardens. Tender perennial to USDA Zone 6b.

Ball Seed is working hard to make sure the seed you receive has been tested for seedborne diseases. Flowering Kale seed is tested according to the International Seed Health Initiative (ISHI) guidelines.
LARKSPUR Also see Delphinium and Perennials (Delphinium). Consolida ambigua

Imperial Giants Series
Height: 36 to 48 in. (91 to 122 cm)
Spread: 12 to 15 in. (30 to 38 cm)
Strong stems hold high-quality flowers.
• Blue Spire Deep blue.
• Pink Perfection
• White King
• Mix May contain most or all colors in the series.

QIS Series
Height: 30 to 48 in. (76 to 122 cm)
Spread: 10 to 20 in. (25 to 51 cm)
Uniform color and stem quality.
• Carmine
• Dark Blue
• Light Blue
• Light Pink
• Lilac
• Rose
• White

LEUCANTHEMUM See Annuals (Chrysanthemum) and Perennials.

LIMONIUM L. sinuata (Sea Lavender, Statice)
QIS Series
Height: 30 to 35 in. (76 to 89 cm)
Spread: 8 to 10 in. (20 to 25 cm)
A PanAmerican Seed product.
• Apricot
• Dark Blue
• Lavender
• Pale Blue
• Pastel Soft, pastel shades.
• Purple
• Rose
• White
• Yellow
• Mix May contain most or all colors in the series.

LISANTHUS
F: LISANTHUS, DOUBLE-FLOWERED Also see Potted Plants. Eustoma grandiflorum (Texas Blue Bell)
All lisianthus seed is supplied pelleted.

ABC™ Series
Outstanding double flower form with high petal counts.
Height: 36 to 45 in. (91 to 114 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Uniform plants finish 1 to 2 weeks before comparable varieties and have reduced sensitivity to rosetting. The number in the variety name is the “Speed Guide” and tells whether the variety is faster or slower to flower (1 = Early, 2 = Mid, 3 = Late).
• 1 Deep Rose
• 1 Green
• 1 Misty Blue
• 1 Purple
• 1 Rose Rim
• 1 White
• 1 Yellow
• 2 Blue
• 2 Blue Rim
• 2 Lavender
• 2 Misty Blue
• 2 Misty Pink
• 2 Purple
• 2 Rose
• 2 Yellow
• 3 Purple
• 3 Rose
• 3 White

Advantage Series
Height: 28 to 35 in. (71 to 89 cm)
Available as Ball Premier Line® seed.
Mid-early series offers well-shaped double flowers and good-quality, strong stems.
• Cherry Sorbet
• Pink
• Purple
• Yellow

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DOUBLE-FLOWERED LISIANTHUS continued

Bolero Series
Height: 28 to 32 in. (71 to 81 cm)
Available as Ball Premier Line® seed.
Early-flowering series works well in Winter production. Less susceptible to rosetting under warm growing conditions. Sturdy stems and good vase life.
• Blue Blush
• Blue Picotee
• Green
• White

Doublini Series
Height: 25 to 34 in. (66 to 86 cm)
Available as Ball Premier Line® seed.
Group 1 series features extra-small, 1.5 to 2-in. (4 to 5-cm) blooms shaped like roses. Producing numerous branches on each stem, these eye-catching, spray-type varieties are ideal for bouquets.
• Blue
• Rose Pink
• White

Echo Series
Height: 24 to 36 in. (61 to 91 cm)
Available as Ball Premier Line® seed.
Fully double blooms.
• Blue
• Champagne Peach center, rose edges.
• Lavender
• Pink
• Pink Picotee
• New Pure White Improved Large flowers on an improved habit.
• Purple
• Yellow

Excalibur Series
Height: 30 to 36 in. (76 to 91 cm)
Available as Ball Premier Line® seed.
Group 2 standard double series is well-suited for growing in areas with higher temperatures. Offers strong stems, more usable flower buds, mid-size flowers and good vase life. Flowers slightly earlier than Flamenco or Mariachi, with less sensitivity to rosetting. Top flowering lowers the risk of Botrytis when sleeved.
• Blue Picotee
• Green
• Pure White
• Rose Pink

Flare Series
Every stem looks like a bouquet, without any pinching.
Height: 36 to 45 in. (91 to 114 cm)
Available as Ball Premier Line® seed.
Spray-type Flare produces more flowers on the top of each stem that open within a short window. No pinching is needed to deliver top-quality stems with multiple blooms on top, each resembling a bouquet. Available in popular colors, well-matched for attractive mid-size flowers and medium flowering speed.
• Deep Blue
• Deep Rose
• New Jade
• White
• New Yellow

Mariachi Series
Height: 30 to 38 in. (76 to 97 cm)
Available as Ball Premier Line® seed.
2 to 2.75-in. (5 to 7-cm) flowers on strong stems.
• Blue Deep blue.
• Carmine
• Grande White
• Lavender
• Lime Green
• Misty Blue White with frosty blue streaks.
• Misty Pink White with frosty pink streaks.
• Pink Rose pink.
• Pink Picotee
• Pure White
• Yellow

Purple Flamingo
Height: 36 to 40 in. (91 to 102 cm)
Available as Ball Premier Line® seed.
Mid-late variety features rich purple, dark-centered double blooms on strong stems.
Rosanne 1 Black Pearl
Height: 36 to 48 in. (91 to 122 cm)
Available as Ball Premier Line® seed.
Very unique flower color, excellent vase life and more usable flower buds highlight this variety. Strong flowers with thick petals and top flowering reduce Botrytis problems during shipping.

Rosita Series
Height: 30 to 36 in. (76 to 91 cm)
Available as Ball Premier Line® seed.
Spray double series offers top flowering, strong stems and thick flower petals to assure easier transport without Botrytis issues. Mid-size, rose-shaped flowers have excellent vase life with high usable bud count. Rosita 3 varieties offer slightly larger flowers than Rosita 2.

- 1 Green
- 1 Pink Picotee
- 1 Rose Pink
- 1 White
- 2 Apricot
- 2 Blue Flash
- 2 Blue Picotee
- 2 Green
- 2 Hot Lips
- 2 Jade
- 2 Pink
- 2 Pink Flash
- 2 Purple
- 2 Sapphire
- 2 White
- 2 Yellow
- 3 Blue
- 3 Green
- 3 Lavender
- 3 Pink
- 3 Pure White
- 3 Red
- 3 Yellow

Super Magic Series
Height: 28 to 35 in. (71 to 89 cm)
Available as Ball Premier Line® seed.
Mid-early series offers well-shaped flowers and strong stems.

- Apricot
- Capri Blue Picotee
- Champagne
- Deep Blue
- Pure White
- Rose
- White
- Yellow
DOUBLE-FLOWERED LISIANTHUS continued

Voyage 2 Series
Height: 24 to 36 in. (61 to 91 cm)
Available as Ball Premier Line® seed.
This beautiful lisianthus series has large, double flowers abundantly filled with lightly fringed petals in delicate colors with sturdy stems.
• Blue
• Champagne
• Deep Rose
• Green
• Light Apricot
• Pink
• New White Improved Longer, more sturdy stems.
• Yellow

F1 LISIANTHUS, SINGLE-FLOWERED
Eustoma grandiflorum

New Can Can Purple F1
Height: 36 to 45 in. (91 to 114 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
A later-flowering, spray-type lisianthus with a highly filled flower in a deep purple-blue color. Produces a spray of flowers on the top of each stem that opens within a short window, giving a bouquet effect to every stem.

MARIGOLD Tagetes erecta

Coco Series
Height: 24 to 36 in. (61 to 91 cm)
Available as Ball Premier Line® seed.
Series offers uniform earliness, long stem length and fully double blooms; suitable for tighter-space production.
• Deep Orange
• Gold
• Yellow
FIELD-GROWN TYPE

Column Series (Non-Selectable Series)
Height: 24 to 30 in. (61 to 76 cm)
A PanAmerican Seed product.
Non-branching plants bear 50 to 60% double blooms.
• Appleblossom
• Apricot
• Avalanche Pure white
• Ball Supreme (Reintroduction)
• Lilac Lavender
• Malmaison Pink Pastel salmon-pink.
• Miracle Crimson
• Miracle Blue Mid
• Miracle Yellow
• Purple Heart
• Sweetheart Pink

EXTRA EARLY-FLOWERING TUNNEL OR FIELD-GROWN TYPE

Katz Hi Double White
Height: 32 in. (81 cm)
A PanAmerican Seed product.
Provides greater than 90% yield of double-flowered stems in a shorter crop time; 5% of net seed sales are donated to PanCan for Pancreatic Cancer research in honor of Philip Katz.

Katz Series
Delivers shorter crop time, uniformity in flowering for stem length and timing between colors, and better heat tolerance than traditional types.
Stem Length: 32 in. (81 cm)
A PanAmerican Seed product.
Can be grown earlier and later in the season, and even be sold in flower for Christmas. About 55 to 60% double-flowering. Tunnel production is recommended for overall quality and weather protection.
• Apricot
• Blue
• Bright Rose
• Cherry Blossom
• Crimson
• Lavender Blue
• Light Lavender
• Pink
• Purple
• Ruby US PVP 201200438
• White
• Yellow

MILLET, ORNAMENTAL See Annuals.

PANICUM
P. virgatum

Fontaine
Height: 24 in. (61 cm)
Very attractive bouquet filler has strong stems and airy clouds of green “spikelets” tinged with red.

P. CAPILLARE

New Frosted Explosion
Height: 24 to 30 in. (61 to 76 cm)
Spread: 9 to 12 in. (23 to 30 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
This easy-to-grow grass adds a delicate texture to any bouquet. Facultative short-day flowering response; daylength extension is recommended where appropriate to ensure good stem length. Harvest stems when seed heads are green all the way to bronze tinged. Stems last 10 to 14 days in a vase.

SCABIOSA Also see Perennials.
P. virgatum (Pincushion Flower)

Fama Series
Height: 20 to 23 in. (51 to 58 cm)
Spread: 24 in. (61 cm)
Available as Ball Premier Line® seed.
Large flowers on strong stems.
• Deep Blue
• White
Non-fading pure white.

SNAPDRAGON Also see Annuals.
Antirrhinum majus

Cool Series
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
(Group 1, 2) Winter-flowering series of genetically matched varieties. Exceptionally uniform across a wide range of growing conditions for timing, height and spike quality. Strong, sturdy stems have long, full, tapered spikes that hold many blooms. Well-suited to outdoor growing or under tunnels in California Winter conditions.
• Crimson
• Orange
• Orange Bicolor Unique color – orange with yellow bee and white tube.
• Pink
• Rose
• White
• Yellow

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SNAPDRAGON

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SNAPDRAGON continued

**Legend F1 Series**

Stem length: 36 to 52 in. (91 to 132 cm)

(Group 1) Extra-early series is well-suited to Winter production. Uniform plants have strong stems, dense spikes and strong petals for good shipability and vase life.

- Light Pink
- Light Yellow
- Pink
- White
- Yellow

**Maryland Series**

*Available as Ball Premier Line® seed.*

(Group 1, 2) Well-suited to cool-season, low-light/low-temperature conditions.

- Appleblossom
- Bright Yellow
- Dark Orange
- Flamingo Bright salmon-rose
- Ivory White
- Lavender
- Orange
- Plum blossom White with light purple
- Red
- New Rose
- Royal
- Shell Pink Clear pink with white tube
- True Pink
- White
- Yosemite Pink Darker than True Pink

**Monaco Series**

*Available as Ball Premier Line® seed.*

(Group 2, 3) Good choice for Summer transitions into Fall.

- Baltimore Rose Deep rose
- Orange
- Red Heavily scented, deep wine red.
- Rose Deep rose
- Violet
- White
- Yellow Deep yellow

**Opus Series**

(Group 3, 4) Late Spring to early Fall-flowering. Tightly spaced florets, superior stem length and caliper.

- Appleblossom III/IV
- Early Bronze III/IV
- Early White III/IV
- Fresh White III/IV
- Lavender III/IV
- Red III/IV
- White III/IV
- Yellow III/IV

**Overture II Series**

(Group 2) Winter-flowering varieties feature tightly spaced florets and superior stem length/caliper.

- Orange
- Pink
- Red
- White
- Yellow
Potomac™ Series
A PanAmerican Seed product. Available as Ball Premier Line® seed.
(Group 3,4) Excellent for high light, long days and warm temperatures. NOTE: The “Early” varieties are Group 3 and listed for all but the warmest periods, when other Potomac varieties should be used.
- Appleblossom White and rose bicolor.
- Cherry Rose Darker than Rose.
- Crimson
- Dark Orange
- Early Orange Light golden bronze.
- Early Pink
- Early Rose
- Early White
- Early Yellow
- Ivory White White with yellow bee.
- Lavender
- Orange
- New Pink Improved Features thicker bud taper, better color saturation and hybrid uniformity.
- New Red Improved Offers a richer red color, a more robust flower spike and earlier flowering.
- Rose
- Royal
- White
- Yellow

Purple Twist
A PanAmerican Seed product. Available as Ball Premier Line® seed.
(Group 2) Novelty cut has unique purple and white striped flowers. Color pattern varies depending on the growing environment – in warmer greenhouse conditions, white stripes are more dense/prominent; under cool outside/tunnel conditions, purple is more dense/prominent. Good grown with Maryland in cool-season, low-light/low-temperature conditions. Slightly fragrant.

Red Delilah
Great choice to make top-quality, novelty bouquets.
A PanAmerican Seed product. Available as Ball Premier Line® seed.
(Group 2) Fun and first-of-its-kind snapdragon produces unique red and white tube-patterned flower spikes on strong, sturdy stems. Can be grown along with Maryland varieties, and is suitable for greenhouse, field or garden cut flower production.
**SUNFLOWER**

Also see Annuals and Potted Plants.

**Helianthus annuus**

**DWARF SUNFLOWER** See Potted Plants.

**INTERMEDIATE SUNFLOWER**

(3 to 5 ft./11 to 152 cm)

**Jua Series**

Bred for less sensitivity to cultural variations than traditional varieties.

**Height:** 3 to 5 ft. (91 to 152 cm), depending on culture

**Days to maturity:** 49 to 63

* A PanAmerican Seed product.

Available as Ball Premier Line® seed.

Fast-growing plants produce big, pollenless blooms over small, deep green top leaves. Very good vase life.

- *Inca*
- *Maya*

**Sunbright Supreme F1**

**Height:** 4 to 5 ft. (122 to 152 cm)

**Days to maturity:** 70

* Available as Ball Premier Line® seed.

Pollenless, bright yellow flowers have a large, dark brown center. Earlier and more uniform than Sunbright.

**Sunrich F1 Series**

**Height:** 3 to 5 ft. (91 to 152 cm)

**Days to maturity:** 60 to 65

* Available as Ball Premier Line® seed.

Blooms 10 to 14 days earlier than Sunbright. Single-stemmed plants bear 5 to 6-in. (13 to 15-cm) flowers. The four Summer varieties flower 5 to 10 days earlier than others in the series.

- *Gold* Green face matures to golden orange.
- *Gold Summer*
- *Lemon* Bright yellow.
- *Lemon Summer*
- *Lime* Light yellow with a green center.
- *Limoncello Summer* White-yellow with a dark center.
- *Orange* Golden yellow.
- *Orange DMR* Offers added vigor and disease resistance to multiple strains of Downy Mildew.
- *Orange Summer* True orange.
- *New Orange Summer DMR* Features Downy mildew resistance.
- *Provence Summer* Deeper orange color than Sunrich Orange. Double row of perfect petals surrounds the dark disk. Great uniformity, long vase life.

**Ziggy Yellow Brown Bicolor**

**Height:** 4 ft. (135 cm)

* A Ball Ingenuity product, available exclusively from Ball Seed.

Available as Ball Premier Line® seed.

This variety features a small disk and is great for bouquets. Full double rows of petals in a bicolor that is ideal for Fall.
**TALL SUNFLOWER**

(5 to 7 ft./152 to 213 cm)

**Double Quick Orange F₁**

Height: 5 ft. (152 cm)
Days to maturity: 65
Available as Ball Premier Line® seed.
The only single-stemmed, early-flowering double suitable for the mass market. Fully double, golden-yellow, 4 to 5-in. (10 to 13-cm) flowers have a pollenfree, green disk. Upright habit.

**Sunbright F₁**

Height: 5.5 to 7 ft. (168 to 213 cm)
Days to maturity: 50
Available as Ball Premier Line® seed.
The single-stemmed plants each bear one 5 to 7-in. (13 to 18-cm), single, bright yellow bloom. Daylength-neutral; can be grown under short days.

**Sun-Fill Series**

Height: 5 to 6 ft. (152 to 183 cm)
Available as Ball Premier Line® seed.
Spiky leaves at the base of the flower make this a dramatic addition to bouquets; its blooms are 3 to 4 in. (8 to 10 cm) in diameter.

**Vincent F₁ Series**

Height: 4 to 5 ft. (122 to 152 cm)
Days to maturity: 55
Available as Ball Premier Line® seed.
Daylength-neutral series allows for flexible programming, with production of high-quality crops in early, mid and late seasons. Upward-facing flowers on strong stems have round, overlapping petals for better shipping, and an extra ring of petals for more attractive presentation.

**Vincent’s Fresh**

Green center

**Vincent’s Choice**

Deep orange petals with a brown center

**Pro Cut Series**

Height: 5 to 6 ft. (152 to 183 cm)
Days to maturity: Varies by variety.
Available as Ball Premier Line® seed.
Each bright, 4 to 5-in. (10 to 13-cm) flower features a dark, pollenless disk on single-stemmed plants. Daylength neutral varieties are excellent for mass market production.

**New Bicolor DMR** Features Downy mildew resistance. 45 to 50 days.
**Brilliance** Unique petal color – yellow on outside intensifies to orange near the dark center. 55 days.
**Gold** 55 days.
**New Gold Lite DMR** Features Downy mildew resistance. 50 to 55 days.
**Orange** 50 days.
**Orange Excel** Fusion of deep orange color on upright, single-stemmed flowers. Faster than Orange. 50 days.
**New Orange Horizon** Upward-facing blooms feature overlapping orange petals surrounding a dark center disk. 50 to 55 days.
**Plum** 60 to 65 days.
**Red** 55 days.
**White Lite** Creamy yellow petals with a light golden-green center. 50 to 60 days.
**White Nite** Unique flowers open creamy vanilla and turn white after a few days of sunlight. 55 days.
SWEET PEA

Knee High Mix
Height: 24 to 30 in. (61 to 76 cm)
Colorful bush-type mix.

Mammoth Series
Height: 5 to 7 ft. (152 to 213 cm)
Large, early flowers and long stems.
• Crimson
• Deep Rose
• Lavender
• Mid Blue
• Navy Blue
• Rose Pink
• Salmon Cream
• Scarlet
• White
• Mix May contain most or all colors in the series.

Winter Elegance Mix
Height: 18 to 24 in. (46 to 61 cm)
Multiflora blend useful for flowering under short days from Winter to early Summer.

TANACETUM

Baya White
Height: 24 to 32 in. (61 to 11 cm)
Popular variety joins the lineup to deliver many first-quality, uniform stems; attractive blooms; better disease resistance; and ability to thrive in less-than-favorable conditions. Can be grown year-round, delivering 5 to 6 crops per year when a minimum of 12 hours of light is provided.

VERONICA

‘Blue Bouquet’
Height: 12 in. (30 cm)
Spread: 12 in. (30 cm)
A PanAmerican Seed product.
Available as Ball Premier Line® seed.
Medium blue flowers top deep green, textured leaves.

ZINNIA

Benary’s Giant Series
Height: 40 in. (102 cm)
Spread: 12 in. (30 cm)
Available as Ball Premier Line® seed.
Thick stems hold 4 to 5-in. (10 to 13-cm), fully double blooms with excellent yield per plant.
• Bright Pink
• Carmine Rose
• Coral
• Deep Red
• Golden Yellow
• Lilac
• Lime
• Orange
• Purple
• Scarlet
• White
• Wine
• Mix Bright mix does not include Lime.

Oklahoma Mix
Height: 30 to 40 in. (61 to 76 cm)
Spread: 28 in. (71 cm)
Powdery Mildew-tolerant plants bear 1.25 to 1.5-in. (3 to 4-cm), double and semi-double blooms.

Queen Series
Height: 18 to 24 in. (61 to 76 cm)
Spread: 18 to 20 in. (46 to 51 cm)
Produces a mass of fully double, 2.5 to 3-in. (6 to 7-cm) flowers. Well-branched, upright plants supply a high number of sturdy flower stems. Long vase life. Also makes a good garden cut flower.
• Lime
• New Lime Blotch
• Lime Red Exotic bicolor – maroon petals topped with lime green.
• New Pure Orange

Queen Lime Orange
Award-winning, one-of-a-kind color.
Height: 18 to 24 in. (46 to 61 cm)
Spread: 12 in. (30 cm)
Show-stopping variety is highlighted by its unique color – the flowers evolve from dark coral/peach/orange to light peach with a dark center as they age. The long-lasting, 2 to 4-in. (5 to 10-cm), dahlia-like blooms sit atop sturdy, compact plants.
All-America Selections National Winner

TALL Z. ELEGANS

Cut & Come Again Mix
Height: 24 in. (61 cm)
Spread: 15 to 20 in. (38 to 51 cm)
Available as Ball Premier Line® seed.
Great for cutting, this bright mix shows a complete color range. Fully double to semi-double flowers have flat petals and grow up to 3 in. (7 cm) in diameter.

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NEW Autumn Frost Squash, page 251
A full selection of great-tasting varieties.

4 EXCEPTIONAL BALL SEED EXCLUSIVES
Cabbage Sweet Slaw ........................................ 217
Cabbage Sweet Thang ........................................ 217
F1 Pepper Better Belle IV ................................. 235
F1 Tomato Venti Salad ..................................... 262

AWESOME ALL-AMERICA SELECTIONS WINNERS
F1 Cucumber Green Light ................................. 221
F1 Pepper Dragonfly ........................................ 236
F1 Tomato Buffalosun ....................................... 255
F1 Tomato Celano ............................................ 264
F1 Tomato Crokini ............................................ 264
F1 Tomato Early Resilience .............................. 258
F1 Tomato Galahad ........................................... 256
F1 Watermelon Mambo .................................... 273

AN OUTSTANDING COLLECTION OF FRESH VEGGIES
Bean Outlaw .................................................... 213
Bean Valentino .................................................. 213
F1 Beet Merlin .................................................. 214
Beet Touchstone Gold ...................................... 214
F1 Carrot Orangeblaze ...................................... 217
F1 Cauliflower Minuteman ............................... 217
F1 Cauliflower Multi Head White ..................... 217
F1 Sweet Corn Obsession ................................. 219
F1 Eggplant Asian Delite ................................. 222
F1 Kale Blue Ridge .......................................... 229
Multi-Species SimplySalad Pro San ................ 231
Multi-Species SimplySalad Pro Tatu ............... 231
F1 Onion Red Duke .......................................... 234
F1 Onion Red Hunter ....................................... 234
F1 Onion Red Nugent ...................................... 234
Onion Ruby Red .............................................. 233
F1 Pepper Ninja S10 ......................................... 237
F1 Pepper PeppiGrande Red ............................ 240
F1 Pepper Spitfire ............................................. 241
F1 Pepper Pillar Sweet Red & Sweet Yellow ....... 240
F1 Pepper Rocket Mamba Red ......................... 247
F1 Pumpkin Large Marge ................................ 248
Radish Crunchy Red ........................................ 249
Radish Starburst ............................................. 249
F1 Squash Atlas ............................................... 251
F1 Squash Autumn Frost .................................. 251
F1 Strawberry Summer Breeze Snow ................ 253
F1 Tomato Heartbreakers Vallery ..................... 265
F1 Tomato Gold Spark ..................................... 264
F1 Tomato Jamestown ..................................... 256
Tomato Wisconsin 55 ..................................... 260
F1 Tomato Pillar Catch Red ............................. 266
F1 Tomato Tutti Frutti Cherry, Mandarin & Melon 269

2 TASTEFUL HERBS
Basil Everleaf Genovese .................................. 225
Basil Purple Ball ............................................. 226
All varieties supplied as seed are sold by seed count.

All vegetable varieties perform best in full-sun conditions.

**ARTICHOKE**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb</th>
<th>Days</th>
<th>Pod Size</th>
<th>Pod Color</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Green Globe</strong></td>
<td>9,900</td>
<td></td>
<td>6 in. (15 cm)</td>
<td>Green</td>
</tr>
<tr>
<td><strong>Imperial Star</strong></td>
<td>10,800</td>
<td>150</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Imperial Star** Developed to be grown as an annual, the thornless, 4.5-in. (11-cm) flower buds are round and slow to spread open when mature. More productive and tender with a sweeter, milder flavor than other Green Globe strains.

**ASPARAGUS**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb</th>
<th>Days</th>
<th>Pod Size</th>
<th>Pod Color</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UC 157-F2</strong></td>
<td>25,800</td>
<td></td>
<td>8 in. (20 cm)</td>
<td>Green</td>
</tr>
</tbody>
</table>

**BEAN**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb</th>
<th>Days</th>
<th>Pod Size</th>
<th>Pod Color</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Blue Lake Bush</strong></td>
<td>1,300</td>
<td>56</td>
<td>6 in. (15 cm)</td>
<td>Green</td>
</tr>
<tr>
<td>Available as organic seed. Excellent fresh, frozen or for canning. 12 to 22-in. (30 to 56-cm) plants are widely adaptable with heavy yields. Resists BCMV, NY15.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Blue Lake Pole</strong></td>
<td>1,800</td>
<td>60</td>
<td>6 in. (15 cm)</td>
<td>Green</td>
</tr>
<tr>
<td>Available as organic seed. Sweet, fiberless. For fresh use, freezing or canning. 5 to 6-ft. (1.5 to 1.8-m) vines.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Gold 'N Green Mix II</strong></td>
<td>1,800</td>
<td>55</td>
<td>4.5-5.5 in. (10-14 cm)</td>
<td>Green/gold</td>
</tr>
<tr>
<td>A Ball Ingenuity product, available exclusively through Ball Seed. Two-color gourmet mix of slender, French filet type beans that are crisp and stringless, slightly sweet and tender. Bush-type. Resists BCMV.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Kentucky Wonder</strong></td>
<td>1,300</td>
<td>58</td>
<td>8 in. (20 cm)</td>
<td>Green</td>
</tr>
<tr>
<td>Heirloom pole bean.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Mascotte</strong></td>
<td>3,100</td>
<td>50</td>
<td>6 in. (15 cm)</td>
<td>Green</td>
</tr>
<tr>
<td>Perfect for small-space gardens and containers – dwarf, 16 to 18-in. (41 to 46-cm) plants produce slim, stringless beans continuously for a long harvest window. Easy to pick; good ornamental when flowering. Resists lodging. All-America Selections National Winner.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Navarro</strong></td>
<td>1,300</td>
<td>54</td>
<td>5-5.5 in. (13-14 cm)</td>
<td>Light green</td>
</tr>
<tr>
<td>Bush Romano bean offers an improved upright plant type and lower fiber content in its pods. Sets its pods high in the plant, keeping them off the ground and allowing easier hand and machine harvest. Beans offer a sweet, rich Romano flavor.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>New Outlaw</strong></td>
<td>1,800</td>
<td>57</td>
<td>5.2 in. (13 cm)</td>
<td>Medium-dark green</td>
</tr>
<tr>
<td>An upright, bush-style variety for the fresh market. Outlaw produces concentrated sets of dark, glossy, straight pods and is widely adapted to many growing regions. High Resistance to Bean mosaic virus.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Serpedor</strong></td>
<td>1,300</td>
<td>65</td>
<td>6 in. (15 cm)</td>
<td>Yellow</td>
</tr>
<tr>
<td>Stringless flat Romano wax bean.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>New Valentino</strong></td>
<td>1,800</td>
<td>56</td>
<td>5.3 in. (13 cm)</td>
<td>Medium-dark green</td>
</tr>
<tr>
<td>Notable for its ability to set pods under heat and drought stress, making it an excellent choice for growers planning to harvest in mid-Summer. High Resistance to BCMV.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**BEET**

**Avalanche** Quick and easy to grow, and a real treat. The uniformly shaped roots are creamy white with no reddish tinge and offer a mild, very sweet flavor with no bitter, earthy aftertaste. Harvest at 2.7 to 3 in. (7 to 8 cm) and enjoy raw or cooked. Proven less incidence of hollow stem. All-America Selections National Winner.

27,600 50

**Bull’s Blood** Available as organic seed. Heirloom variety. Harvest dark red-purple foliage in 35 days for baby leaf tops. Best for ornamental use.

27,200 60

**Chioggia Guardsmark** Unique candy striped root interiors plus increased uniformity and bolt tolerance make this new strain of a popular Italian heirloom ideal for specialty markets.

42,000 60

**Fresh Start F1** Developed for baby leaf use, this fast-growing variety has smooth, dark green leaves with well-defined veins and dark red petioles. Early, very uniform plants have high resistance to downy mildew, especially important in East and West Coast markets.

26,300 25-35

**New Merlin F1** Higher sugar content (22-22%) in comparison to standard beet varieties, making it a perfect choice for processors, fresh market growers or home gardeners. Smooth, red, globe-shaped roots with small-medium crowns and tap roots.

17,200 85-90

**Rainbow Mix II** Stunning mix includes 2 colorful, sweet-tasting varieties. Harvest at baby size to eat raw or pickled; use mature roots for cooking. Stems and leaves are tasty in salads and steamed.

44,000 22

**New Touchstone Gold** Vibrant yellow-to-golden, smooth, globe-shaped roots with medium-sized crowns and tap roots. This variety is mid to late maturing. Intermediate Resistance to Cercospora Leaf spot.

23,100 85-90

**BEAN**

**Velour** Stringless dwarf French bean has eye-catching purple pods along with great taste and texture. Compact bush habit. High resistance to BCMV and HB.

2,700 55 5-6 in. (13-15 cm) Dark purple

**Victor F1** Compact, easy-to-harvest plants produce absolutely stringless, extra-fine, straight pods. High resistance to BCMV, Anthracnose.

2,200 55 5-6 in. (13-15 cm) Gold

**Artwork Brand of Sibsey F1** Unique stem broccoli produces a tasty "bouquet" that can be eaten in its entirety – from the 6 to 8-in. (15 to 20-cm) stems to finely beaded heads. Gardeners simply pinch off the main head at just 0.75 to 1.5 in. (2 to 4 cm) and plants produce tender side shoots long into the season. Resists warm temperature bolting better than others on the market. Proven less incidence of hollow stem. All-America Selections National Winner.

101,000 106 Dark green

**Destiny F1** Mid-early, compact, heat-tolerant variety. Medium-small beads, smooth dome and round shape. Good for Fall harvest in the Desert Southwest.

89,000 89 Green

**Emerald Crown F1** Medium-maturing, very uniform, heavy-headed, domed variety with small beads on a small-framed plant. Resists purpling.

79,000 93 Blue-green

**Emerald Jewel F1** A Ball Ingenuity product, available exclusively through Ball Seed. Small-beaded, smooth-headed, clean-stemmed variety. Best for late Spring/early Summer and late Fall harvest. Resists some races of Clubroot.

116,000 110 Green

**Green Magic F1** Summer-to-Fall broccoli has semi-dormed, tight heads with medium-small beads and good plant habit. Widely adaptable.

109,000 90 Blue-green
**BRUSSELS SPROUTS Approximate Seed Count/lb. Days**

**Franklin F1** Early-maturing variety produces high-quality, round-oval, uniform and firm sprouts. Tall plants have less woody stalks than others, so whole stem harvest is possible.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>224,000</td>
<td>80</td>
<td></td>
</tr>
</tbody>
</table>

**Hestia F1** Great flavor, high yield, nice upright habit and better cool tolerance than comparable varieties make Hestia a standout. Produces up to 200 bright green, 2-in. (3-cm) sprouts per plant. Tolerates warm conditions as well, offering the potential for a second season crop in many areas. All-America Selections Regional Winner (Southeast, Mountain/Southwest).

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>92,000</td>
<td>200</td>
<td></td>
</tr>
</tbody>
</table>

**Jade Cross F1** Vigorous, extra-early variety produces medium-firm, deep green, 2-in. (3-cm) sprouts with excellent flavor. Tolerates heat stress.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>228,000</td>
<td>90</td>
<td></td>
</tr>
</tbody>
</table>

**Long Island Green** Stocky, semi-dwarf plants produce lots of tasty green sprouts on short, self-supporting stems. Heirloom variety.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>246,000</td>
<td>90</td>
<td></td>
</tr>
</tbody>
</table>

---

**F1 HYBRID CABBAGE Approximate Seed Count/lb. Days Weight Color**

**Lieutenant F1** Impressive performer in Summer heat when well-watered. Medium-high domes are very smooth, with fine beads and smooth, mid-sized stems with minimal hollow stem. Upright plants have minimal side shoots. Very uniform maturity. Reliable performer is especially well-suited to warm growing conditions. Reliable variety for crown production in the northeast United States and parts of Canada. Low prevalence to cat eye.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>98,000</td>
<td>75-80</td>
<td>Dark green</td>
</tr>
</tbody>
</table>

**Marathon** Industry standard is uniform and high-domed with small beads and heavy heads. Widely adapted.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>87,000</td>
<td>97</td>
<td>Blue-green</td>
</tr>
</tbody>
</table>

**Waltham** Available as organic seed. Compact with many side shoots. Best for late Summer/Fall harvest.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>135,000</td>
<td>60-90</td>
<td>Dark blue-green</td>
</tr>
</tbody>
</table>

---

**BRUSSELS SPROUTS**

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Franklin F1</td>
<td></td>
</tr>
<tr>
<td>Hestia F1</td>
<td></td>
</tr>
<tr>
<td>Jade Cross F1</td>
<td></td>
</tr>
<tr>
<td>Long Island Green</td>
<td></td>
</tr>
</tbody>
</table>

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**F1 HYBRID CABBAGE**

**Big Flat Head (Gunma)** Flat specialty cabbage produces sweet, tender heads with a very short core and less dense interior for easy slicing and shredding.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Weight</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>89,000</td>
<td>80-85</td>
<td>5-7 lb. (2.3-3.2 kg)</td>
<td>Green</td>
</tr>
</tbody>
</table>

**Cheers** Mid-season variety produces very uniform, globe-shaped heads that have good wrap and are slow to burst. Moderate heat tolerance. High resistance to Fusarium Yellows. Moderate resistance to Black Rot.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Weight</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>103,000</td>
<td>75</td>
<td>5 lb. (2.3 kg)</td>
<td>Blue-green</td>
</tr>
</tbody>
</table>

**Early Jersey Wakefield** Quickly produces large, dense, elongated 7-in. (18-cm) heads, with a distinctly sweet flavor that is ideal for eating raw in salads and slaws, cooking or pickling.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Weight</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>110,000</td>
<td>60-75</td>
<td>2-4 lb. (0.9-1.8 kg)</td>
<td>Dark Green</td>
</tr>
</tbody>
</table>

**Fast Vantage** Early-season, very uniform variety. Matures up to 6 weeks earlier than other cabbage varieties.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Weight</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>112,000</td>
<td>59</td>
<td>2.5 lb. (1.1 kg)</td>
<td>Medium green</td>
</tr>
</tbody>
</table>

**Golden Cross** Round heads, medium cores.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Weight</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>97,000</td>
<td>40</td>
<td>2.25 lb. (1 kg)</td>
<td>Blue-green</td>
</tr>
</tbody>
</table>

**Headstart F1** Quick to mature at 60-70 days from transplant, the new cabbage features bright green, round/slightly flattened heads; best used fresh for slaw, sauerkraut or slow cooking.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Weight</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>83,000</td>
<td>60-70</td>
<td>3.5 lb. (1.6 kg)</td>
<td>Green</td>
</tr>
</tbody>
</table>

**Katarina** A white cabbage variety in the Golden Acre type. A very early cabbage with smooth, round, 4-in. (10-cm) heads with tightly packed leaves. Can be grown in containers or in garden beds as an ornamental/edible border. Productive and uniform, with a good standing ability. All-America Selections National Winner.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Weight</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>84,000</td>
<td>59</td>
<td>2-3 lb. (0.9-1.4 kg)</td>
<td>Green</td>
</tr>
<tr>
<td>Variety</td>
<td>Approximate Seed Count/lb.</td>
<td>Days</td>
<td>Weight</td>
</tr>
<tr>
<td>-------------------------</td>
<td>----------------------------</td>
<td>------</td>
<td>-------------------------</td>
</tr>
<tr>
<td><strong>Late Flat Dutch</strong></td>
<td>130,000</td>
<td>100</td>
<td>10-15 lb. (4.5-6.8 kg)</td>
</tr>
<tr>
<td><strong>Platinum Dynasty</strong></td>
<td>94,000</td>
<td>65-70</td>
<td>1.8-2.2 lb. (0.8-1 kg)</td>
</tr>
<tr>
<td><strong>Primero</strong></td>
<td>113,000</td>
<td>72</td>
<td>2-3 lb. (0.9-1.4 kg)</td>
</tr>
<tr>
<td><strong>Primo Vantage</strong></td>
<td>90,000</td>
<td>75</td>
<td>4-4.5 lb. (1.8-2 kg)</td>
</tr>
<tr>
<td><strong>Red Jewel</strong></td>
<td>108,000</td>
<td>75-80</td>
<td>3.5 lb. (1.4-2.3 kg)</td>
</tr>
<tr>
<td><strong>Ruby Ball</strong></td>
<td>127,000</td>
<td>65</td>
<td>3-4 lb. (1.4-1.8 kg)</td>
</tr>
<tr>
<td><strong>Ruby Perfection</strong></td>
<td>120,000</td>
<td>80</td>
<td>2-3 lb. (0.9-1.4 kg)</td>
</tr>
<tr>
<td><strong>Savoy Ace</strong></td>
<td>112,000</td>
<td>80</td>
<td>3.5 lb. (1.6 kg)</td>
</tr>
<tr>
<td><strong>Savoy Alcosa</strong></td>
<td>75,000</td>
<td>62</td>
<td>2-4 lb. (0.9-1.8 kg)</td>
</tr>
<tr>
<td><strong>Stonehead</strong></td>
<td>97,000</td>
<td>50</td>
<td>2-2.25 lb. (0.9-1 kg)</td>
</tr>
<tr>
<td><strong>Blues</strong></td>
<td>137,000</td>
<td>57</td>
<td>4.5 lb. (2 kg)</td>
</tr>
<tr>
<td><strong>China King</strong></td>
<td>142,000</td>
<td>55</td>
<td>2 lb. (0.9 kg)</td>
</tr>
<tr>
<td><strong>Golden Acre Resistant</strong></td>
<td>117,000</td>
<td>65</td>
<td>2-3 lb. (0.9-1.4 kg)</td>
</tr>
</tbody>
</table>
### Cauliflower

**Amazing**
- Classic variety produces self-wrapping, rounded, 10-in. (25-cm) heads that are bright white with deep dome.
- Large, dense plants are uniform and vigorous. "Amazing" holding ability for very long harvest period. Can harvest at "baby" size.
- Approximate Seed Count/lb: 95,000
- Days: 75
- Weight: 1.5-2 lb (0.7-0.9 kg)
- Color: White

**Cheddar**
- 25% more beta-carotene than standard white types – excellent source of Vitamin A. With great quality and an attractive orange head, Cheddar produces firm curds with smooth, domed heads.
- Approximate Seed Count/lb: 93,000
- Days: 80-84
- Weight: 2 lb (0.9 kg)
- Color: Yellow-orange

**Flame Star**
- Stunning pastel-orange heads are ideal for the specialty color market; widely adaptable with uniform maturity and consistent performance, even under heat stress.
- Approximate Seed Count/lb: 119,000
- Days: 55-60
- Weight: 7 in. (18 cm)
- Color: Pastel orange

**Graffiti F1**
- Very flavorful and eye-catching heads retain their bright purple color even when cooked. Mid-size, 8-in. (20-cm) diameter heads are wrapped with dark purple-green leaves on large, uniform plants.
- Approximate Seed Count/lb: 88,000
- Days: 80-90
- Weight: 2 lb (0.9 kg)
- Color: Purple

**New Minuteman F1**
- Widely adaptable with the ability to perform well in heat, this early hybrid for Summer and Fall harvest has a large, dense, uniform head with good color.
- Approximate Seed Count/lb: 133,000
- Days: 65-70
- Weight: 2.25 lb (1.2 kg)
- Color: White

**New Multi Head White**
- Easily branches with multiple heads per plant. Small leaves. Never turns bitter in the sun.
- Approximate Seed Count/lb: 114,000
- Days: 75
- Weight: 4.4 lb (2 kg)
- Color: White

**Self Blanche**
- Pure white heads are well-shaped and fine-textured.
- Approximate Seed Count/lb: 116,000
- Days: 65
- Weight: 3.5-4 lb (1.6-1.8 kg)
- Color: White

### Carrots

**Duquesa**
- Nantes type has excellent top strength with a very smooth exterior and a vibrant interior and exterior color; excellent flavor and crisp texture.
- Approximate Seed Count/lb: 350,000
- Days: 85-100

**Harlequin Mix**
- Eye-catching Nantes type produces a mix of colors, including purple, white, orange and yellow, each with a slightly different flavor.
- Approximate Seed Count/lb: 360,000
- Days: 70

**Malbec**
- Red imperator carrot for main season production. Strong, smooth, uniform 16-in. (22-cm) root with consistent color throughout allows for a variety of end uses, such as slices, minis or whole roots. Strong tops with good disease resistance. Excellent end-product quality makes this a reliable choice for growers in diverse climates.
- Approximate Seed Count/lb: 206,000
- Days: 60-70

**New Orangeblaze**
- Good quality Cello/Jumbo carrot for the Northeast and Canada. Also makes a smooth, cylindrical, high-quality root in a variety of soil types in the Midwest.
- Approximate Seed Count/lb: 270,000
- Days: 68

### Cabbage

**New Sweet Slaw**
- Available exclusively through Ball Seed. This sweet, green cabbage has a smooth, dense, cone-shaped head perfect for slicing and shredding. With a long harvest window, you’ll get to enjoy more of this sweet, green cabbage. It is resistant to cracking, and is great for sauerkraut and cole slaw.
- Approximate Seed Count/lb: 157,000
- Days: 65
- Weight: 32-35 oz. (0.92-0.99 kg)
- Color: Green

**New Sweet Thang**
- Available exclusively through Ball Seed. This non-heading cabbage offers thick, sweet-tasting white veins with attractive dark green leaves. Features a uniform head and short core. Better tasting than collards or kale.
- Approximate Seed Count/lb: 128,000
- Days: 65
- Weight: Non-heading
- Color: Green

### Notes

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
### CAULIFLOWER continued

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Weight</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Snow Crown F1</strong></td>
<td>89,000</td>
<td>70</td>
<td>2 lb.</td>
<td>White</td>
</tr>
<tr>
<td>Vigorous grower. Good for fresh/frozen use. All-America Selections National Winner.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Steady F1</strong></td>
<td>113,000</td>
<td>94</td>
<td>1.1-1.8 lb. (0.5-0.8 kg)</td>
<td>White</td>
</tr>
<tr>
<td>Early, vigorous plants have excellent internal wrap. Produces dense, dome-shaped, 7-in. (18-cm) heads with excellent flavor. Good variety for early Summer with consistent performance in many environments.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Twister F1</strong></td>
<td>143,000</td>
<td>75-80</td>
<td>6 in. (15 cm)</td>
<td>White</td>
</tr>
<tr>
<td>Heads are tight, heavy and bright white with a spiraling internal wrap; mid-maturing with very uniform harvests and near perfect appearance when grown in a slot (Spring or Fall in most regions).</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Veronica Romanesco F1</strong></td>
<td>99,000</td>
<td>77</td>
<td>6-7 in. (15-18 cm) florets</td>
<td>Lime green</td>
</tr>
<tr>
<td>“Italian” type produces very symmetrical and spiraled, lime green heads with tightly beaded, pointed domes. Useful raw, cooked or pickled, with a milder, sweeter flavor than standard cauliflower. Holds its vibrant color even when cooked. Excellent heat tolerance.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### CELERIAC

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rowena</strong></td>
<td>911,000</td>
<td>106</td>
</tr>
<tr>
<td>Smooth, round roots have great flavor and texture. Strong, dark green foliage. Stores very well.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### CELERY

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tango</strong></td>
<td>1,056,000</td>
<td>80</td>
</tr>
<tr>
<td>Early, very heavy yielder with extremely smooth stalks. Excellent eating quality – tender, sweet and not stringy.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### COLLARDS

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Flash F1</strong></td>
<td>79,000</td>
<td>75</td>
</tr>
<tr>
<td>Early, very uniform Vates-type has smooth, dark green leaves on open, upright plants. Very slow to bolt, with repeated harvests.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Georgia</strong></td>
<td>133,000</td>
<td>80</td>
</tr>
<tr>
<td>Popular high-yielding variety produces tender, moist greens on non-heading, 30 to 36-in. (76 to 91-cm) plants.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Morris Heading</strong></td>
<td>159,000</td>
<td>75</td>
</tr>
<tr>
<td>An old-time favorite with broad wavy leaves on tall, fast-growing plants that reach 24 to 36 in. (61 to 91 cm) tall.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Top Bunch 2.0 F1</strong></td>
<td>76,000</td>
<td>71</td>
</tr>
<tr>
<td>An early-maturing hybrid, Top Bunch has wavy, lightly savoyed blue-green leaves. Excellent yielder regrows quickly after harvest. Generally earlier and more uniform than open-pollinated types. High bolt resistance.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Vates</strong></td>
<td>122,000</td>
<td>75</td>
</tr>
<tr>
<td>A classic collard with flattened, deep green leaves and a sweet, satisfying flavor.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Corn, Sweet F1

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Length</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>American Dream</strong></td>
<td>2,700</td>
<td>78</td>
<td>7.5 in. (19 cm)</td>
<td>Yellow/white</td>
</tr>
<tr>
<td><strong>Devotion</strong></td>
<td>3,600</td>
<td>82</td>
<td>11 in. (28 cm)</td>
<td>Bright white</td>
</tr>
<tr>
<td><strong>Honey 'N Pearl</strong></td>
<td>2,700</td>
<td>76</td>
<td>9 in. (23 cm)</td>
<td>Yellow/white</td>
</tr>
<tr>
<td><strong>Jubilee</strong></td>
<td>2,200</td>
<td>87</td>
<td>8.5-9 in. (22-23 cm)</td>
<td>Yellow/white</td>
</tr>
<tr>
<td><strong>New Obsession</strong></td>
<td>3,500</td>
<td>81</td>
<td>8.5 in. (22 cm)</td>
<td>Yellow/white</td>
</tr>
<tr>
<td><strong>Silver Queen</strong></td>
<td>2,700</td>
<td>92</td>
<td>8-9 in. (20-23 cm)</td>
<td>White</td>
</tr>
</tbody>
</table>

### Cress

#### SimplySalad® Cress
See Lettuce & Salad Greens.

### Cucumber

#### Types:
- M: Monoeccious plants produce separate male and female flowers on the same plant.
- G: Gynoecious plants produce only female flowers for higher and more concentrated yields.

#### Burpless Cucumber

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Burpless Supreme F1</strong></td>
<td>19,500</td>
<td>55</td>
<td>G</td>
<td>7.5 in. (19 cm)</td>
</tr>
<tr>
<td><strong>Salad Bush F1</strong></td>
<td>14,000</td>
<td>57</td>
<td>M</td>
<td>3.1 in. (8 cm)</td>
</tr>
<tr>
<td><strong>Summer Top</strong></td>
<td>18,600</td>
<td>40</td>
<td>M</td>
<td>8 in. (20 cm)</td>
</tr>
<tr>
<td><strong>Sweet Success PS F1</strong></td>
<td>13,100</td>
<td>54</td>
<td>G</td>
<td>12 in. (30 cm)</td>
</tr>
<tr>
<td><strong>Tasty Green</strong></td>
<td>15,000</td>
<td>60</td>
<td>M</td>
<td>9 in. (23 cm)</td>
</tr>
</tbody>
</table>
### PICKLING CUCUMBER

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb</th>
<th>Days</th>
<th>Type</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bush Pickle</strong></td>
<td>16,300</td>
<td>54</td>
<td>M</td>
<td>4-5 in. (10-13 cm)</td>
</tr>
<tr>
<td><strong>Eureka F1</strong></td>
<td>18,600</td>
<td>57</td>
<td>M</td>
<td>3-5 in. (8-13 cm)</td>
</tr>
<tr>
<td><strong>Gherking F1</strong></td>
<td>21,700</td>
<td>55-60</td>
<td>G</td>
<td>3-5 in. (9-13 cm)</td>
</tr>
<tr>
<td><strong>Homemade Pickles</strong></td>
<td>18,100</td>
<td>60-65</td>
<td>M</td>
<td>5-6 in. (13-15 cm)</td>
</tr>
<tr>
<td><strong>Parisian Gherkin</strong></td>
<td>20,400</td>
<td>50</td>
<td>M</td>
<td>2-4 in. (5-10 cm)</td>
</tr>
<tr>
<td><strong>Petipikel F1</strong></td>
<td>15,800</td>
<td>60</td>
<td>M</td>
<td>4-5 in. (10-13 cm)</td>
</tr>
<tr>
<td><strong>Pick A Bushel F1</strong></td>
<td>18,100</td>
<td>50</td>
<td>M</td>
<td>3-6 in. (8-15 cm)</td>
</tr>
</tbody>
</table>

### SLICING CUCUMBER

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb</th>
<th>Days</th>
<th>Type</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Burpee Hybrid II F1</strong></td>
<td>14,900</td>
<td>57</td>
<td>G</td>
<td>8.5 in. (22 cm)</td>
</tr>
<tr>
<td><strong>Bush Crop F1</strong></td>
<td>15,400</td>
<td>62</td>
<td>M</td>
<td>6-8 in. (15-20 cm)</td>
</tr>
<tr>
<td><strong>Diva</strong></td>
<td>18,600</td>
<td>58</td>
<td>G</td>
<td>4-5 in. (10-13 cm)</td>
</tr>
<tr>
<td><strong>Gateway</strong></td>
<td>18,600</td>
<td>50</td>
<td>M</td>
<td>8.5-9 in. (22-23 cm)</td>
</tr>
<tr>
<td><strong>Marketmore 76</strong></td>
<td>18,600</td>
<td>66</td>
<td>M</td>
<td>9 in. (23 cm)</td>
</tr>
<tr>
<td><strong>Martini F1</strong></td>
<td>20,400</td>
<td>55-60</td>
<td>M</td>
<td>5-6 in. (13-15 cm)</td>
</tr>
<tr>
<td>SLICING CUCUMBER continued</td>
<td>Approximate Seed Count/lb.</td>
<td>Days</td>
<td>Type</td>
<td>Length</td>
</tr>
<tr>
<td>---------------------------</td>
<td>---------------------------</td>
<td>------</td>
<td>------</td>
<td>--------</td>
</tr>
<tr>
<td><strong>Patio Snacker F1</strong> A PanAmerican Seed product. Short vining plant is well-branched and high-yielding, producing dark green fruits with great flavor and nice crunch. Great for large containers with a small trellis.</td>
<td>17,200</td>
<td>50-55</td>
<td>M</td>
<td>8 in. (20 cm)</td>
</tr>
<tr>
<td><strong>Peticue F1</strong> Compact variety has vines only 24 in. (61 cm) long, making it ideal for containers. High yields of great-tasting fruit through the Summer with continued harvesting.</td>
<td>17,200</td>
<td>60</td>
<td>M</td>
<td>8 in. (20 cm)</td>
</tr>
<tr>
<td><strong>Saladmore Bush F1</strong> Semi-bush vines that set sweet and crisp, dark green fruit continuously with regular harvest. Multiple disease resistance is especially valuable in warmer climates. All-America Selections Regional Winner (Southwest).</td>
<td>15,400</td>
<td>55</td>
<td>G</td>
<td>7-8 in. (18-20 cm)</td>
</tr>
<tr>
<td><strong>Slice More F1</strong> Produces high yields of smooth, long, dark green slicing cucumbers with very small seed cavity. Highly resistant to Scab.</td>
<td>14,900</td>
<td>63</td>
<td>G</td>
<td>8.5 in. (22 cm)</td>
</tr>
<tr>
<td><strong>Straight Eight Available as organic seed.</strong> Vigorous, productive plants with dark green, cylindrical fruits.</td>
<td>18,100</td>
<td>63</td>
<td>M</td>
<td>7-8 in. (18-20 cm)</td>
</tr>
<tr>
<td><strong>Telegraph</strong> Produces excellent yields of 15 to 18-in. (38 to 46-cm) long, dark green, burpless cucumbers that stay crisp and fresher longer than other varieties.</td>
<td>18,600</td>
<td>60</td>
<td>M</td>
<td>10-18 in. (25-46 cm)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SPECIALTY CUCUMBER</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Armenian Available as organic seed.</strong> Heirloom variety. Heavily ribbed, light green-skinned fruit grows straight when trellised, but will twist into unusual shapes if grown on the ground.</td>
<td>13,600</td>
<td>60</td>
<td>M</td>
<td>12-18 in. (30-46 cm)</td>
</tr>
<tr>
<td><strong>New Green Light F1 2020 All-America Selections National Winner</strong> is an excellent mini cucumber with high yields of attractive fruit, earlier maturity and superior eating quality. Grow on stakes or poles for a productive, easy-to-harvest vertical garden that will yield 40 or more spineless fruits per plant.</td>
<td>17,200</td>
<td>37-42</td>
<td>G</td>
<td>3.5 in. (9 cm)</td>
</tr>
<tr>
<td><strong>Mexican Sour Gherkin</strong> Also known as Cucamelon and Mouse Melon. Native to Central America and Mexico, it features vigorous vining plants loaded with 2-in. (3-cm) miniature watermelon-like fruits that are sweet and almost salty.</td>
<td>169,000</td>
<td>60-70</td>
<td>M</td>
<td>1 in. (3 cm)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EDIBLE POTTED PLANTS</th>
<th>Size</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PEPPER</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Adobo</strong> A PanAmerican Seed product.</td>
<td>1 x 4.5 in. (3 x 12 cm)</td>
<td>Red</td>
</tr>
<tr>
<td><strong>Cosmo</strong> A PanAmerican Seed product.</td>
<td>0.75 x 2 in. (2 x 5 cm)</td>
<td>Purple</td>
</tr>
<tr>
<td><strong>Fresh Bites Series</strong> A PanAmerican Seed product. A whole new growing and selling opportunity! These edible potted peppers offer consumers plants that can be grown indoors as well as outdoors and produce tasty fruit – the Fresh Bites varieties are a true “Gateway to Gardening” series! Produces many fruit with sweet flavor. Compact plants can be grown without PGRs. Works well in 5 to 6.5-in. (13 to 17-cm) pots.</td>
<td>1.25 x 2.25 in. (3.5 x 6 cm)</td>
<td>Varies by variety</td>
</tr>
<tr>
<td>• Orange • Red • Yellow</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
EDIBLE POTTED PLANTS continued

<table>
<thead>
<tr>
<th>PEPPER</th>
<th>Size</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hot Burrito</strong> A PanAmerican Seed product. Best suited to 4.5 to 7.5-in. (12 to 19-cm) pots.</td>
<td>0.75 x 4 in. (2 x 10 cm)</td>
<td>Red</td>
</tr>
<tr>
<td><strong>Hot Fajita</strong> A PanAmerican Seed product. Best suited to 4.5 to 7.5-in. (12 to 19-cm) pots.</td>
<td>0.5 x 4 in. (1.5 x 10 cm)</td>
<td>Red</td>
</tr>
<tr>
<td><strong>Hot Joker</strong> A PanAmerican Seed product. Best suited to 4.5 to 6-in. (12 to 15-cm) pots.</td>
<td>0.5 x 4 in. (1.5 x 10 cm)</td>
<td>Red</td>
</tr>
<tr>
<td><strong>Hot Lemon</strong> A PanAmerican Seed product. Best suited to 5 to 8-in. (13 to 20-cm) pots.</td>
<td>0.5 x 1 in. (1.5 x 3 cm)</td>
<td>Yellow</td>
</tr>
<tr>
<td><strong>Hot Tomato</strong> A PanAmerican Seed product. Best suited to 5 to 8-in. (13 to 20-cm) pots.</td>
<td>1.5 x 1.5 in. (4 x 4 cm)</td>
<td>Red</td>
</tr>
<tr>
<td><strong>Piñata</strong> A PanAmerican Seed product. Best suited to 4.5 to 6-in. (12 to 15-cm) pots.</td>
<td>0.3 x 2.25 in. (1 x 6 cm)</td>
<td>Red</td>
</tr>
<tr>
<td><strong>Tamale</strong> A PanAmerican Seed product. Best suited to 4.5 to 6-in. (12 to 15-cm) pots.</td>
<td>0.75 x 2 in. (2 x 5 cm)</td>
<td>Red</td>
</tr>
<tr>
<td><strong>Taquito</strong> A PanAmerican Seed product. Compact growth with no PGRs needed. Good retail shelf life and excellent outdoor performance. Best suited to 3.5 to 4.25-in. (9 to 11-cm) pots.</td>
<td>0.3 x 1.5 in. (1 x 4 cm)</td>
<td>Red</td>
</tr>
<tr>
<td><strong>Yellow Tomato</strong> A PanAmerican Seed product. Best suited to 5 to 8-in. (13 to 20-cm) pots.</td>
<td>1.5 x 1.5 in. (4 x 4 cm)</td>
<td>Yellow</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOMATO</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Fruit Shape</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Siam F1 Tomato</strong> A PanAmerican Seed product. Plant benefits from being grown dry. Support fruit weight by inserting sticks close to the central stem at the time of flowering.</td>
<td>112,000</td>
<td>50-55</td>
<td>Elongated</td>
<td>Bright Purple</td>
</tr>
<tr>
<td><strong>New Asian Delite F1</strong> A PanAmerican Seed product. Slender, elongated eggplants are glossy with bright purple skin and white, tender, non-bitter flesh. Fruit can be sliced lengthwise for grilling or lightly frying, and tender skin does not need to be peeled. Plants are upright and semi-spineless.</td>
<td>112,000</td>
<td>76</td>
<td>Teardrop</td>
<td>Purple-black</td>
</tr>
<tr>
<td><strong>Classic F1</strong> A Ball Ingenuity product, available exclusively through Ball Seed. Available as Ball Premier Line® coated seed. Glossy, 8 to 9-in. (20 to 23-cm), premium-quality fruit.</td>
<td>142,000</td>
<td>55</td>
<td>Teardrop</td>
<td>Lavender; white stripes</td>
</tr>
</tbody>
</table>

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
EGGPLANT continued

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Fruit Shape</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gretel F1</td>
<td>131,000</td>
<td>55-60</td>
<td>Elongated</td>
<td>White</td>
</tr>
<tr>
<td>Orion F1 A PanAmerican Seed product. Available as Ball Premier Line® seed. Earliest white eggplant produces clusters of glossy white mini-fruit, about 3 to 4 in. (8 to 10 cm) long. Petite, 3-ft. (91-cm) plants are great for containers and gardens. All-America Selections National Winner.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hansel F1</td>
<td>150,000</td>
<td>50-55</td>
<td>Elongated</td>
<td>Dark purple</td>
</tr>
<tr>
<td>Little Fingers</td>
<td>123,000</td>
<td>68</td>
<td>Asian</td>
<td>Dark purple</td>
</tr>
<tr>
<td>Louisiana Long Green</td>
<td>131,000</td>
<td>100</td>
<td>Asian</td>
<td>Light green</td>
</tr>
<tr>
<td>Nadia F1</td>
<td>99,000</td>
<td>67</td>
<td>Teardrop</td>
<td>Dark green</td>
</tr>
<tr>
<td>Patio Baby F1 A PanAmerican Seed product. Available as Ball Premier Line® seed. A unique, high-yielding, compact variety that produces individual-size, 2 to 3-in. (5 to 8-cm) long eggplants very early with a wide harvest window. Well-suited to containers and gardens. All-America Selections Regional Winner (Northwest).</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pot Black</td>
<td>112,000</td>
<td>58-62</td>
<td>Oval</td>
<td>Black</td>
</tr>
<tr>
<td>Rosa Bianca</td>
<td>114,000</td>
<td>75-90</td>
<td>Oval</td>
<td>Light pink; white shading</td>
</tr>
<tr>
<td>Satin Moon F1 A Ball Ingenuity product, available exclusively through Ball Seed. Available as Ball Premier Line® seed. Produces bushy plants that spread up to 28 in. (71 cm) and bear 6 to 8-in. (15 to 20-cm), almost smooth fruit with flavorful and firm, high-quality flesh. Great for northern climates.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shikou F1</td>
<td>98,000</td>
<td>70-80</td>
<td>Asian</td>
<td>Purple-black</td>
</tr>
<tr>
<td>Snowy</td>
<td>112,000</td>
<td>60</td>
<td>Oval</td>
<td>White</td>
</tr>
</tbody>
</table>
| Orion F1 (Foeniculum vulgare) Smooth, round bulbs for early through late Fall production. Very uniform; resists bolting and Tipburn. | 109,000 | 18-24 in. (46-61 cm) | 223

FENNEL

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orion F1</td>
<td>109,000</td>
<td>18-24 in. (46-61 cm)</td>
</tr>
</tbody>
</table>
SimplyHerbs’ Try Basil

SIMPLYHERBS™ COLLECTION

A PanAmerican Seed product. Available as Ball Premier Line® seed. Single-species, multi-seed pellets give growers the easy and economical way to grow the most popular herbs. One plug in a 4-in. (10-cm) pot gives a nice fast fill – no wasted seed. Healthier, more uniform plants make great-looking retail programs.

- SimplyHerbs Basil (Ocimum basilicum) Genovese. Height: 24 to 30 in. (61 to 76 cm). Available as Ball Premier Line® Precision Multi-Pellets.
- SimplyHerbs ‘Try Basil’ (Ocimum basilicum) includes Genovese, serrated and dark red basils. Height: 24 to 30 in. (61 to 76 cm). Available as Ball Premier Line® Precision Multi-Pellets.
- SimplyHerbs Dill (Anethum graveolens) Height: 12 to 24 in. (30 to 61 cm). Available as Ball Premier Line® Precision Multi-Pellets.
- SimplyHerbs Oregano (Origanum vulgare) Height: 12 to 24 in. (30 to 61 cm). USDA Zones 5 to 9. Available as Ball Premier Line® Precision Multi-Pellets.
- SimplyHerbs Curled Parsley (Petroselinum crispum) Height: 15 to 18 in. (38 to 46 cm). USDA Zones 5 to 8. Available as Ball Premier Line® Precision Multi-Pellets.
- SimplyHerbs Large-Leaf Italian Flat Leaf Parsley (Petroselinum crispum) Height: 15 to 18 in. (38 to 46 cm). USDA Zones 5 to 8. Available as Ball Premier Line® Precision Multi-Pellets.
- SimplyHerbs Sage (Salvia officinalis) Height: 18 to 24 in. (46 to 61 cm). USDA Zones 4 to 8. Available as Ball Premier Line® Precision Multi-Pellets.
- SimplyHerbs Rosemary (Rosmarinus officinalis) Height: 12 to 24 in. (30 to 61 cm). USDA Zones 5 to 9. Available as Ball Premier Line® Precision Multi-Pellets.
- SimplyHerbs Thyme (Thymus vulgaris) Height: 12 to 18 in. (30 to 46 cm). USDA Zones 5 to 9. Available as Ball Premier Line® Precision Multi-Pellets.

Approximate Seed Count/lb.

<table>
<thead>
<tr>
<th>Herbs</th>
<th>Seed Count/lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SimplyHerbs Basil</td>
<td>9,000</td>
</tr>
<tr>
<td>SimplyHerbs ‘Try Basil’</td>
<td>8,600</td>
</tr>
<tr>
<td>SimplyHerbs Dill</td>
<td>3,600</td>
</tr>
<tr>
<td>SimplyHerbs Oregano</td>
<td>123,000</td>
</tr>
<tr>
<td>SimplyHerbs Curled Parsley</td>
<td>8,100</td>
</tr>
<tr>
<td>SimplyHerbs Large-Leaf Italian Flat Leaf Parsley</td>
<td>8,100</td>
</tr>
<tr>
<td>SimplyHerbs Sage</td>
<td>3,600</td>
</tr>
<tr>
<td>SimplyHerbs Rosemary</td>
<td>2,700</td>
</tr>
<tr>
<td>SimplyHerbs Thyme</td>
<td>65,000</td>
</tr>
</tbody>
</table>
ANNUAL HERBS

All herbs are Patio Produce varieties – ideal for use in containers and small-space gardens.

**Basil Aristotle** (Ocimum basilicum) Small leafed, highly aromatic and disease resistant, with a neat, rounded habit – looks as good as it tastes. Performs well even in poor weather.
- 378,000
- 10 in. (25 cm)

**Basil Boxwood** (Ocimum basilicum) A Ball Ingenuity product, available exclusively through Ball Seed. Available as Ball Premier Line® seed. Compact, small-leafed plants look like boxwoods and are more uniform than other dwarf basils. Great for pesto and other culinary uses, as well as ornamental.
- 182,000
- 8 in. (20 cm)

**Basil Cardinal** (Ocimum basilicum) Available as organic seed. Tightly packed, cardinal red blooms top strong burgundy stems and smooth, dark green leaves. Vigorous. A beautiful ornamental and a tasty culinary herb.
- 243,000
- 24-30 in. (61-76 cm)

**Basil Cinnamon** (Ocimum basilicum) Available as organic seed. Sweet cinnamon aroma. Flat dark green leaves, purple stems/flowers. Also a lovely ornamental.
- 330,000
- 24-36 in. (61-91 cm)

**Basil Dolce Fresca** (Ocimum basilicum) A PanAmerican Seed product. Traditional basil flavor, with more usable leaf yields. Mid-size plants have a unique, bushy habit with shorter internodes so plants stay controlled without getting tall and leggy. Great in-ground as well as in containers. All-America Selections National Winner.
- 266,000
- 12-14 in. (30-36 cm)

**Basil Eleonora** (Ocimum basilicum) Genovese type with Intermediate resistance to downy mildew. Upright growth with medium green, big, light-serrated leaves. Suitable for open-field and pot production.
- 287,000
- 18-24 in. (46-61 cm)

**Basil Everleaf™ Emerald Towers** (Ocimum basilicum) A PanAmerican Seed product. Flowers up to 10 to 12 weeks later than standard basil, with a traditional Genovese flavor that’s perfect for eating fresh; well-branched variety with short internodes makes a beautiful towering plant with huge harvest potential.
- 178,000
- 24-36 in. (61-91 cm)

**New Basil Everleaf™ Genovese** (Ocimum basilicum) A PanAmerican Seed product. Flowers up to 6 weeks later than standard basil. First basil bred for season-long performance and continual harvesting. Compact variety has short internodes and excellent branching, perfect for in-ground or container gardens. Intermediate Resistance to downy mildew and standard resistance to Fusarium.
- 186,000
- 18-24 in. (46-61 cm)
ANNUAL HERBS continued

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Approximate Seed Count/lb.</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Basil Floral Spires Series</strong> (Ocimum basilicum)</td>
<td>Well-branched plants produce highly ornamental, sageslike flower spikes with a distinct cinnamon Thai basil scent.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Lavender ♦ White</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Basil Genovese Emily</strong> (Ocimum basilicum)</td>
<td>Compact pot variety has medium-large leaves. Long shelf life. Good for Summer programs in moderate climates, or year-round in hot climates with high light production.</td>
<td>286,000</td>
<td>18-24 in. (46-61 cm)</td>
</tr>
<tr>
<td><strong>Basil Greek</strong> (Ocimum basilicum) <strong>Available as organic seed.</strong></td>
<td>Sweet, miniature leaves on dense, mounded plants.</td>
<td>394,000</td>
<td>12-18 in. (30-46 cm)</td>
</tr>
<tr>
<td><strong>Basil Italian Large Leaf</strong> (Ocimum basilicum)</td>
<td>The best choice for authentic Italian cooking. Use fresh, dried or in pesto.</td>
<td>315,000</td>
<td>24-30 in. (61-76 cm)</td>
</tr>
<tr>
<td><strong>Basil Lettuce-Leafed</strong> (Ocimum basilicum)</td>
<td>Very large, somewhat crinkled leaves are about 4.5 in. (11 cm) long and almost as wide. Distinctive flavor is similar but not as strong as sweet basil. Especially good in pasta dishes.</td>
<td>265,000</td>
<td>16-20 in. (41-51 cm)</td>
</tr>
<tr>
<td><strong>Basil Newton</strong> (Ocimum basilicum) <strong>A PanAmerican Seed product.</strong></td>
<td>A fast-growing variety with a traditional Genovese flavor and large, bright green, crinkled leaves that do not have a licorice aftertaste; features high resistance to Fusarium.</td>
<td>283,000</td>
<td>12-20 in. (30-51 cm)</td>
</tr>
<tr>
<td><strong>New Basil Purple Ball</strong> (Ocimum basilicum)</td>
<td>Has a unique dwarf, ball-shaped plant habit. This very aromatic annual has tiny, deepest purple leaves that are born densely on ball-shaped plants. No need to pinch. The tubular flowers are late to appear and add extra color to the plant.</td>
<td>317,000</td>
<td>8-12 in. (20-30 cm)</td>
</tr>
<tr>
<td><strong>Basil Purple Ruffles</strong> (Ocimum basilicum) <strong>A PanAmerican Seed product.</strong></td>
<td>Fragrant, ruffled, deep purple leaves. For culinary or ornamental use. All-America Selections National Winner.</td>
<td>322,000</td>
<td>18-24 in. (46-61 cm)</td>
</tr>
<tr>
<td><strong>Basil Red Rosie</strong> (Ocimum basilicum)</td>
<td>Uniform and compact variety has a nice red color on slightly cupped leaves. Good for containers and in-ground planting.</td>
<td>303,000</td>
<td>18 in. (46 cm)</td>
</tr>
<tr>
<td><strong>Basil Red Rubin</strong> (Ocimum basilicum)</td>
<td>Large, flat, dark red to purple leaves have a sweet flavor. Vigorous plants are highly decorative.</td>
<td>321,000</td>
<td>20 in. (51 cm)</td>
</tr>
<tr>
<td><strong>Basil Rutgers DMR Series</strong> (Ocimum basilicum) <strong>New series offers resistance to downy mildew.</strong> • Devotion ♦ Obsession ♦ Passion ♦ Thunderstruck</td>
<td>New series offers resistance to downy mildew.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Devotion</td>
<td>306,000</td>
<td>25 in. (66 cm)</td>
<td></td>
</tr>
<tr>
<td>Obsession: 320,000</td>
<td>Passion: 255,000</td>
<td>Thunderstruck: 260,000</td>
<td></td>
</tr>
<tr>
<td><strong>Basil Siam Queen</strong> (Ocimum basilicum) <strong>New! Now available as Ball Premier Line® coated seed.</strong></td>
<td>High-yielding, vigorous, large-leaved Thai type. Spicy and very aromatic. All-America Selections National Winner.</td>
<td>357,000</td>
<td>24-36 in. (61-91 cm)</td>
</tr>
<tr>
<td><strong>Basil Spicy Globe</strong> (Ocimum basilicum)</td>
<td>Use fresh or dried. Compact bush-type plant is great for containers.</td>
<td>349,000</td>
<td>8-10 in. (20-25 cm)</td>
</tr>
<tr>
<td><strong>Basil Super Sweet Genovese</strong> (Ocimum basilicum) <strong>Available as organic seed.</strong></td>
<td>Large-leaved Italian Genovese type. Very productive.</td>
<td>304,000</td>
<td>12 in. (30 cm)</td>
</tr>
<tr>
<td><strong>Basil Sweet Dani Lemon</strong> (Ocimum basilicum) <strong>A PanAmerican Seed product.</strong></td>
<td>Strong lemon scent. Good in containers. All-America Selections National Winner.</td>
<td>233,000</td>
<td>22-24 in. (56-61 cm)</td>
</tr>
<tr>
<td><strong>Basil Sweet Mammoth Ruffled</strong> (Ocimum basilicum)</td>
<td>Extra large-leaved variety has excellent flavor and aroma. Good for wrapping.</td>
<td>268,000</td>
<td>18-24 in. (46-61 cm)</td>
</tr>
<tr>
<td>Herbs</td>
<td>Approximate Seed Count/lb.</td>
<td>Height</td>
<td></td>
</tr>
<tr>
<td>----------------------</td>
<td>---------------------------</td>
<td>-----------------</td>
<td></td>
</tr>
<tr>
<td><strong>Basil Sweet Nufar</strong> (Ocimum basilicum) Available as organic seed.</td>
<td>296,000</td>
<td>24-30 in. (61-76 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Basil Sweet Thai</strong> (Ocimum basilicum) Available as organic seed.</td>
<td>454,000</td>
<td>12-18 in. (30-46 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Borage</strong> (Borago officinalis) Culinary or medicinal herb.</td>
<td>23,100</td>
<td>24 in. (61 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Celery Peppermint Stick</strong> (Apium graveolens) Unique red celery is a beautiful addition to herb planters and mixed combos. Striped candy pink and green, 0.25-in. (1-cm) stalks add bale of green leaves with intense full flavor, and are useful for fresh seasoning all year. Long harvest season; holds color when cooked. Slow to bolt.</td>
<td>1,331,000</td>
<td>10-24 in. (25-61 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Cilantro Santo</strong> (Coriandrum sativum) New! Now available as Ball Premier Line® coated seed.</td>
<td>36,000</td>
<td>12-18 in. (30-46 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Coriander (Cilantro)</strong> (Coriandrum sativum) New! Now available as Ball Premier Line® coated seed. Also available as organic seed.</td>
<td>42,000</td>
<td>18-24 in. (46-61 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Culantro Ngo gai</strong> (Eryngium foetidum) Features a similar flavor to cilantro, although much stronger.</td>
<td>40,000</td>
<td>4-8 in. (10-20 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Cumin</strong> (Cuminum cyminum) Fragrant, ferny foliage can be used young for salads. Grows best in warm areas; will produce seeds in northern areas if planted early.</td>
<td>135,000</td>
<td>6-12 in. (15-30 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Dill Bouquet</strong> (Anethum graveolens) Available as organic seed. Dwarf, compact plant with attractive, delicate, fernlike foliage.</td>
<td>283,000</td>
<td>12-24 in. (30-61 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Dill Dukat</strong> (Anethum graveolens) Produces much higher yields of foliage than other dill varieties. The dark green, ferny leaves also have a distinct, strong aroma that adds depth to any fish, vegetable or pasta dish. Vigorous plants are topped with very large umbels.</td>
<td>317,000</td>
<td>30-40 in. (76 cm-1 m)</td>
<td></td>
</tr>
<tr>
<td><strong>Dill Fernleaf</strong> (Anethum graveolens) A PanAmerican Seed product. Excellent in the herb garden, and ideal for windowwall growing. Easy to grow. All-America Selections National Winner.</td>
<td>208,000</td>
<td>12-15 in. (30-38 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Parsley Triple Curled</strong> (Petroselinum crispum) Curled, dark green leaves on compact plants.</td>
<td>265,000</td>
<td>12 in. (30 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Parsley Forest Green</strong> (Petroselinum crispum) Available as organic seed. Dark green, triple-curled leaves.</td>
<td>284,000</td>
<td>8-12 in. (20-30 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Parsley Italian Dark Single</strong> (Petroselinum crispum) Flat, deeply cut leaves with rich flavor.</td>
<td>225,000</td>
<td>15-18 in. (38-46 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Parsley Italian Giant</strong> (Petroselinum crispum) Available as organic seed. Large, flat, dark green leaves with unique flavor. Strong-stemmed, productive.</td>
<td>240,000</td>
<td>24-36 in. (61-91 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Savory Summer</strong> (Saturea hortensis) Popular for fresh or dried use. Peppery flavor adds spice to dishes.</td>
<td>759,000</td>
<td>12-20 in. (30-61 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Stevia Sweet Leaf</strong> (S. rebaudiana) Available as organic seed. Incredibly sweet leaves are an herbal alternative to sugar. Bushy, high-yielding plants. Use fresh or dried.</td>
<td>1,335,000</td>
<td>18-30 in. (46-76 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Sweet Marjoram</strong> (Majorana hortensis) Available as organic seed. Use fresh or dried.</td>
<td>1,948,000</td>
<td>12-24 in. (30-61 cm)</td>
<td></td>
</tr>
</tbody>
</table>
**PERENNIAL HERBS**

All herbs are *Patio Produce* varieties – ideal for use in containers and small-space gardens.

<table>
<thead>
<tr>
<th><strong>PERENNIAL HERBS</strong></th>
<th><strong>Approximate Seed Count/lb.</strong></th>
<th><strong>USDA Hardiness Zones</strong></th>
<th><strong>Height</strong></th>
</tr>
</thead>
</table>
| **Calamintha Marvelette Series** *(Calamintha nepeta)* Compact ornamental plants show off many large, striking flowers on upright spikes above the foliage all Summer. First-year-flowering perennial can also be planted as an annual in other zones.  
**Blue • White** | Blue: 1,582,000  
White: 1,557,000 | To 6 | 8 in. (20 cm) |
| **Catnip** *(Nepeta cataria)* Available as organic seed. Aromatic, gray/green-leaved plant pleasing to cats. Also see Perennials *(Nepeta)*. | 778,000 | 3-9 | 36 in. (91 cm) |
| **Chamomile German** *(Matricaria chamomilla)* Flowering tops and leaves are used fresh or dried. The white, daisylike blooms appear from late Spring through Summer. | 6,922,000 | 4-9 | 6-24 in. (15-61 cm) |
| **Chives Chinese Broad Leaved** *(Allium schoenoprasum)* Deep green leaves are broad and thick with mild flavor. Best for Chinese cooking and stir fry. | 105,000 | 3-10 | 14-16 in. (36-41 cm) |
| **Chives Garlic** *(Allium tuberosum)* Available as organic seed. Garlic-flavored leaves. | 108,000 | 3-10 | 24-30 in. (61-76 cm) |
| **Chives Garlic Geisha** *(Allium schoenoprasum)* Available as organic seed. “Just right” garlic flavor and vigorous growth. Slightly wider, flatter and more refined leaves than others make Geisha useful as both an edible and an ornamental. All-America Selections National Winner. | 91,000 | 4-10 | 10-24 in. (25-61 cm) |
| **Chives Onion** *(Allium schoenoprasum)* Available as organic seed. Excellent for seasoning. | 375,000 | 3-10 | 12-18 in. (30-46 cm) |
| **Chives Staro** *(Allium schoenoprasum)* Onion chives have a much thicker leaf than finer-leaved choices. Good for freezing, drying and fresh use. | 303,000 | 3-10 | 12 in. (30 cm) |
| **Lavender** See Perennials, page 161. | | | |
| **Lemon Balm** *(Melissa officinalis)* Strong, lemon-scented foliage. | 741,000 | 4-9 | 13 in. (33 cm) |
| **Lemongrass** *(Cymbopogon flexuosus)* Available as Ball Premier Line® seed. Also available as multi-seed pellets. Attractive East Indian grass is used in Asian cuisine to add a “sweet-sour” lemon flavor. Leaf stalks and leaves are used fresh or powdered. Half-hardy perennial.  
Seed: 1,080,000  
MPL: 54,000 | | 8-11 | 6-10 in. (15-25 cm) |
| **Mint Ornamental Mini Mint** See Annuals, page 65. | | | |
| **Oregano Greek** *(Origanum heracleoticum)* Strong, spicy flavor. Dark green leaves. White flowers. | 5,002,000 | 5-9 | 14-24 in. (36-61 cm) |
| **Oregano Italian** *(Origanum vulgare)* Italian type. Use fresh or dried. | 4,475,000 | 5-9 | 36 in. (91 cm) |
| **Peppermint** *(Mentha piperita)* Low growing and vigorous – do not place near slow-growing or weak-habited plants. | 6,025,000 | 5-9 | 4-6 in. (10-15 cm) |
| **Rosemary** *(Rosmarinus officinalis)* Use leaves for cooking. | 313,000 | 7-10 | 24 in. (61 cm) |
| **Rue** *(Ruta graveolens)*  
**New! Now available as Ball Premier Line® coated seed**. Lacy blue-green ornamental is evergreen and has a bushy habit that can be shaped into a hedge. Pungent aroma and bitter taste. Limited culinary use, but fresh leaves can be used to flavor meats, cheese and eggs. | 207,000 | 4-9 | 24-36 in. (61-91 cm) |
Redbor Kale

**PERENNIAL HERBS continued**

<table>
<thead>
<tr>
<th>Herb</th>
<th>Species/Description</th>
<th>Approximate Seed Count/lb.</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sage</td>
<td><em>Salvia officinalis</em></td>
<td>54,000</td>
<td>5-8</td>
<td>24 in. (61 cm)</td>
</tr>
<tr>
<td>Spearmint</td>
<td><em>Mentha spicata</em></td>
<td>5,976,000</td>
<td>4-9</td>
<td>4-6 in. (10-15 cm)</td>
</tr>
<tr>
<td>Tarragon Russian</td>
<td><em>Artemisia dracunculoides</em></td>
<td>2,890,000</td>
<td>5-9</td>
<td>24 in. (61 cm)</td>
</tr>
<tr>
<td>Thyme Summer (French)</td>
<td><em>Thymus vulgaris</em></td>
<td>1,922,000</td>
<td>4-8</td>
<td>12-18 in. (30-46 cm)</td>
</tr>
<tr>
<td>Thyme Winter (English)</td>
<td><em>Thymus vulgaris</em></td>
<td>1,752,000</td>
<td>4-8</td>
<td>12-18 in. (30-46 cm)</td>
</tr>
</tbody>
</table>

**KALE**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Blue Ridge F1</td>
<td>This hybrid features dark, blue-green foliage with an attractive, triple curl on all leaves. Semi-tall plant type, mid-season maturity and an extended yield. Slow to bolt or stretch, and suitable for hand stripping or cutting for fresh market, mechanical harvesting and processing.</td>
<td>85,000</td>
<td>60</td>
</tr>
<tr>
<td>Darkbor F1</td>
<td>Early maturing, easy-growing kale for late Summer and Fall harvests. Upright plants have finely curled leaves. Good field-holding ability.</td>
<td>103,000</td>
<td>75</td>
</tr>
<tr>
<td>Dinosaur (Lacinato Kale)</td>
<td>Open-shape kale has straplike, blue-green leaves, 3 in. (8 cm) wide by 10 in. (25 cm) long. Extremely Winter hardy. Good for culinary and ornamental use.</td>
<td>138,000</td>
<td>60</td>
</tr>
<tr>
<td>Prizm F1</td>
<td>Produces attractive, short, tight ruffle-edged leaves and can be grown in containers as well as garden beds. Easy-to-maintain, almost stemless stalks are quick to re-leaf, so they can be harvested early and often for a continual supply throughout the season. All-America Selections National Winner.</td>
<td>130,000</td>
<td>50-60</td>
</tr>
<tr>
<td>Redbor F1</td>
<td>Very deep red-purple, frilly leaves; color/curling are enhanced by cold weather. Edible and ornamental variety.</td>
<td>115,000</td>
<td>55 Baby: 28</td>
</tr>
<tr>
<td>Red Russian</td>
<td>Available as organic seed. Dark green oak-leaf cut leaves. Red/purple hues intensify after frost. Tender, sweet taste when cooked; also good raw. Very disease resistant. Baby stage: harvest at 25 days.</td>
<td>144,000</td>
<td>50</td>
</tr>
<tr>
<td>Scarletbor</td>
<td>Gardeners enjoy the Number One Superfood fresh from their garden! Vigorous variety produces red-purple foliage that deepens in color and becomes curlier in cooler weather. Slightly later than Redbor. Can be harvested at baby stage or left to mature. Highly attractive plant can be used as an ornamental, too.</td>
<td>148,000</td>
<td>60-90 Baby: 25</td>
</tr>
<tr>
<td>SimplySalad® Kale Storm Mixture</td>
<td>See Lettuce &amp; Salad Greens.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Snowbor F1</td>
<td>Very cold-hardy hybrid tastes even sweeter after a frost! Vigorous plants produce blue-green leaves; cut outer leaves so that center can continue growing.</td>
<td>148,000</td>
<td>60</td>
</tr>
<tr>
<td>Starbor F1</td>
<td>Very uniform, compact, 12 to 18-in. (30 to 46-cm) tall plants with dark blue-green leaves. Resists yellowing.</td>
<td>157,000</td>
<td>50</td>
</tr>
<tr>
<td>Vates Blue Curled Scotch</td>
<td>Blue-green leaf, finely curled, uniform. Tall, upright habit and sturdy stems. Ornamental edible that can be used as a garnish.</td>
<td>135,000</td>
<td>50-60 Baby: 25-30</td>
</tr>
<tr>
<td>Winterbor F1</td>
<td>Finely curled, dark blue-green leaves on a tall, frost-resistant and productive plant. Overwinters well. Good ornamental, too.</td>
<td>104,000</td>
<td>53</td>
</tr>
</tbody>
</table>

Order at ballseed.com/webtrack, 800-879-BALL or fax: 800-234-0370.
**Kohlrabi**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Konan F1</td>
<td>98,000</td>
<td>50</td>
<td>Offers smooth, globe-shaped bulbs that can grow up to 6 in. (15 cm) in diameter and are the perfect upright size and shape for container gardening and garden plots. The upright, uniform leaves resist insect damage, meaning the plant stays healthy all season long. All-America Selections National Winner.</td>
</tr>
<tr>
<td>Purple Splendor F1</td>
<td>77,000</td>
<td>65</td>
<td>Flat, globe-shaped and purple-skinned bulbs are 4 to 6 in. (10 to 15 cm) across and have crunchy white flesh. High yielding with excellent interior quality. Good for late-season harvests.</td>
</tr>
<tr>
<td>Quickstar</td>
<td>90,000</td>
<td>50</td>
<td>Early, slow-bolting variety with dark green, slightly broad leaves. 5.5-oz. (156-g) bulbs are extremely uniform in size and maturity.</td>
</tr>
<tr>
<td>Vienna Series</td>
<td>Purple: 132,000 White: 126,000</td>
<td>55</td>
<td>Has a mild turnip-cabbage flavor; leaves are eaten like kale and white-fleshed bulbs are eaten like broccoli.</td>
</tr>
<tr>
<td>Winner F1</td>
<td>107,000</td>
<td>45</td>
<td>Fresh, fruity taste. Good holding. Light green variety.</td>
</tr>
</tbody>
</table>

**Lettuce & Salad Greens**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amanda F1</td>
<td>537,000</td>
<td>70</td>
<td>Looseleaf</td>
</tr>
<tr>
<td>Astro New!</td>
<td>200,000</td>
<td>32-52</td>
<td>Arugula</td>
</tr>
<tr>
<td>Bistro Salad Blend</td>
<td>489,000</td>
<td>50-55</td>
<td>Assorted</td>
</tr>
<tr>
<td>Bronze Arrow</td>
<td>424,000</td>
<td>40-50</td>
<td>Looseleaf</td>
</tr>
<tr>
<td>Buttercrunch</td>
<td>434,000</td>
<td>65</td>
<td>Butterhead/Bibb</td>
</tr>
<tr>
<td>Butter King</td>
<td>497,000</td>
<td>60-65</td>
<td>Butterhead</td>
</tr>
<tr>
<td>Gala Corn Salad</td>
<td>340,000</td>
<td>56-77</td>
<td>Verte de Cambrai</td>
</tr>
<tr>
<td>Great Lakes 659</td>
<td>482,000</td>
<td>80-90</td>
<td>Iceberg</td>
</tr>
<tr>
<td>Mesclun Blend</td>
<td>256,000</td>
<td>50-55</td>
<td>Assorted</td>
</tr>
<tr>
<td>New Red Fire</td>
<td>421,000</td>
<td>55</td>
<td>Looseleaf</td>
</tr>
</tbody>
</table>
### LETTUCE & SALAD GREENS continued

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Parris Island Cos</strong></td>
<td>420,000</td>
<td>50-80</td>
<td>Romaine</td>
</tr>
<tr>
<td>Available as organic seed and raw seed. Dark gray-green, 8 to 12-in. (20 to 30-cm) head with creamy white center. Slightly savoyed. Tipburn/Mosaic tolerant.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Raspberry Dressing Rumex</strong></td>
<td>752,000</td>
<td>30</td>
<td>Rumex</td>
</tr>
<tr>
<td>Attractive rosette of light green foliage has strong maroon-color veining. The flavor is similar to spinach or chard. Can be grown in full to partial sun.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Red Oak Leaf</strong></td>
<td>597,000</td>
<td>50</td>
<td>Looseleaf</td>
</tr>
<tr>
<td>Available as organic seed. Oak-shaped, red-burgundy leaves on full, 8 to 9-in. (20 to 23-cm) rosette heads. Performs well Spring through Fall; color is more intense in cooler weather.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Red Salad Bowl</strong></td>
<td>458,000</td>
<td>50</td>
<td>Looseleaf</td>
</tr>
<tr>
<td><strong>Salad Bowl Mix</strong></td>
<td>591,000</td>
<td>45-60</td>
<td>Assorted</td>
</tr>
<tr>
<td>Available as organic seed. Carefully selected mix of lettuces including Parris Island, Red Salad Bowl and Royal Oak Leaf, which all perform well in cool temperatures. Good for salads and garnishes.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SimplySalad® Series</strong></td>
<td></td>
<td></td>
<td>Assorted</td>
</tr>
<tr>
<td>A PanAmerican Seed product. Available as Ball Premier Line® seed. Each SimplySalad multi-species multi-pellet contains a tasty, good-looking mix of greens that can be grown in color bowls. Gardeners can harvest every 3 weeks by cutting back to 2 in. (5 cm) and regrow several times for more fresh salad. Multi-pellets are efficient to sow in plugs or direct to the final containers, and since varieties can't separate in the seed hopper, assure a well-balanced mix.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• <strong>Alfresco Mix</strong></td>
<td>19,000</td>
<td>14-28</td>
<td>Assorted</td>
</tr>
<tr>
<td>Red and green leaf lettuces with arugula, endive and radicchio.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• <strong>Arugula</strong></td>
<td>9,900</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quick to establish, upright variety with a mix of lobes and smooth shapes – perfect for bunching. Features a mild, nutty flavor.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• <strong>City Garden Mix</strong></td>
<td>21,700</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Traditional mix of red and green lettuces.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• <strong>Cress</strong></td>
<td>8,100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rosette-forming plants stay in a neat, tidy bunch for many weeks before flowering. Features great lobe-shaped leaves and spicy flavor.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• <strong>Global Gourmet Mix</strong></td>
<td>14,500</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red and green leaf lettuces with spicy Asian greens.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• <strong>Kale Storm Mix</strong></td>
<td>3,600</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The first all-kale SimplySalad is an attractive mix of textures and colors. Won't bolt in containers; can also be planted in-ground for all-season harvest. Includes purple, green and blue varieties.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• <strong>New Pro San Mix Available as Ball Premier Line® Precision Multi-Pellets</strong></td>
<td>5,400</td>
<td>14-28</td>
<td>Assorted</td>
</tr>
<tr>
<td>A mix of Asian greens – mizuna and komatsuna – that were selected for late bolting and uniform growth.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• <strong>New Pro Tatu Mix Available as Ball Premier Line® Precision Multi-Pellets</strong></td>
<td>5,400</td>
<td>14-28</td>
<td>Assorted</td>
</tr>
<tr>
<td>A mixture of Asian mustard and komatsuna greens that were selected for late bolting and uniform growth.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• <strong>Summer Picnic Mix</strong></td>
<td>16,700</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heat-tolerant, all-lettuce mix includes red and green varieties.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• <strong>Wonder Wok Mix New! Now available as Ball Premier Line® Precision Multi-Pellets</strong></td>
<td>3,100</td>
<td>14-28</td>
<td>Assorted</td>
</tr>
<tr>
<td>Asian greens including mustards, kale and bok choy.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Simpson Elite</strong></td>
<td>498,000</td>
<td>55</td>
<td>Looseleaf</td>
</tr>
<tr>
<td>Available as Ball Premier Line® seed. Improved Black-Seeded Simpson; 30 to 40 days later to bolt. Long-holding, non-bitter flavor.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sweet Salad Blend</strong></td>
<td>424,000</td>
<td>45-60</td>
<td>Assorted</td>
</tr>
<tr>
<td>Available as organic seed. Spicy mix includes arugula, mustard greens and an assortment of lettuces in an array of colors, shapes, textures and tastes. Good for salads and garnishes.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Valley Heart</strong></td>
<td>504,000</td>
<td>75</td>
<td>Romaine</td>
</tr>
<tr>
<td>Available as Ball Premier Line® seed. Tall, medium-green romaine has large, slightly savoyed leaves. Good tolerance to cold and bolting. Early-maturing, uniform romaine lettuce variety provides consistent quality in early and late-season plantings.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### SimplySalad® Gourmet Mix
- SimplySalad Arugula
- SimplySalad Global Gourmet Mix
- SimplySalad Kale Storm Mix
- SimplySalad Wonder Wok Mix

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
### MELON

**Ambrosia F1**
Distinct peach color and heavy net with light structures. Juicy, tender and extra-sweet tasting.
- Approximate Seed Count/lb: 16,700
- Days: 80
- Type: Muskmelon
- Weight: 4 lb. (1.8 kg)

**Aphrodite F1**
A smaller footprint than traditional cantaloupes makes Aphrodite good for small-space gardens. Sweet, aromatic melons have thick, smooth-textured orange flesh and slightly sutured exterior. Strong disease package including powdery mildew resistance.
- Approximate Seed Count/lb: 17,700
- Days: 72
- Type: Cantaloupe
- Weight: 6-7 lbs. (2.7-3.2 kg)

**Atlantis F1**
Eastern melon with round-oval shape is firm with dark orange flesh and high sugar content. Finely netted with shallow sutures.
- Approximate Seed Count/lb: 14,500
- Days: 74
- Type: Cantaloupe
- Weight: 4.6 lbs. (1.8-2.7 kg)

**Ball 2076 F1**
A Ball Ingenuity product, available exclusively through Ball Seed. One week earlier to fruit and more disease resistant than Ball 1776, Ball 2076 continues to boast a very sweet flavor; thick, orange flesh; and good performance in all areas. Heavily netted with slight sutures.
- Approximate Seed Count/lb: 22,200
- Days: 78
- Type: Muskmelon
- Weight: 5 lb. (2.3 kg)

**Delicious**
Orange fleshed. Roughly textured rind, sparse netting.
- Approximate Seed Count/lb: 17,700
- Days: 83
- Type: Muskmelon
- Weight: 2.5 lb. (1.1 kg)

**Dulce Nectar F1**
An early and late-season honeydew with a round-oval shape and dense, light green flesh with a medium-closed cavity.
- Approximate Seed Count/lb: 10,800
- Days: 70-80
- Type: Honeydew
- Weight: 5-6 lb. (2.3-2.7 kg)

**Hale’s Best**
Available as organic seed. Popular heirloom variety. High yields of flavorful, orange-fleshed fruit.
- Approximate Seed Count/lb: 19,000
- Days: 80
- Type: Muskmelon
- Weight: 3 lb. (1.4 kg)

**Snow Mass F1**
Excellent-quality, mid-size, round fruit has very smooth rind and very sweet, light green flesh. Vigorous vines give excellent cover to heavy fruit set. Best in hot or long growing seasons for maximum fruit size.
- Approximate Seed Count/lb: 11,300
- Days: 80
- Type: Honeydew
- Weight: 6-8 lb. (2.7-3.6 kg)

**Sugar Cube F1**
Each plant produces multiple 4-in. (10-cm) fruits with very sweet, deep orange flesh. Features outstanding disease resistance and shelf life.
- Approximate Seed Count/lb: 17,700
- Days: 81
- Type: Cantaloupe
- Weight: 2 lb. (0.9 kg)

### MUSTARD

**Florida Broadleaf**
Semi-upright, 16 to 22-in. (41 to 56-cm) plant has serrated, dark green leaves that are 8 to 10 in. (20 to 25 cm) long with tender cream-colored midribs. Vigorous and popular in the South.
- Approximate Seed Count/lb: 229,000
- Days: 40-60

**Mizuna Miz America F1**
Dark red leaves have very uniform color, shape and size, with pleasant mild taste that is not bitter or spicy. Maintains the deep color even at maturity. Upright plant is easy to harvest.
- Approximate Seed Count/lb: 227,000
- Days: 20-25 from direct sow

**Red Giant**
Large, savoy-type leaves are deep purplish-red with white mid-rib. Vigorous plant grows 24 in. (61 cm) tall and wide.
- Approximate Seed Count/lb: 284,000
- Days: 70
- Baby: 30

**Red-Streaked Mizuna**
Produces very fine, frilled red leaves; dark red at very small stage. Adds a burst of color to any salad blend.
- Approximate Seed Count/lb: 338,000
- Days: 45
- Baby: 20

**Savanna F1**
Large, glossy, dark-green oval-shaped leaves are heat, cold and drought tolerant. Mild flavor enhances salads, stir-fries and steamed dishes while adding nutritional value. Can substitute for spinach. Fast-growing and slow to bolt.
- Approximate Seed Count/lb: 168,000
- Days: 40
- Baby: 20
<table>
<thead>
<tr>
<th>OKRA</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Candle Fire F1</strong></td>
<td>A unique red variety with round (not ribbed) pods. The color is brighter than reddish-burgundy varieties currently available, making Candle Fire both edible and ornamental. Upright, 4-ft. (1.2-m) plants have rose-colored blooms from late Spring to frost. Very productive with very good taste, texture and tenderness. Thrives in heat and is disease resistant even in heat and humidity. All-America Selections National Winner.</td>
<td>8,000</td>
</tr>
<tr>
<td><strong>Clemson Spineless</strong></td>
<td>An abundance of dark green, straight, spine-free pods on 3 to 4-ft. (0.9 to 1.2-m) plants.</td>
<td>8,100</td>
</tr>
<tr>
<td><strong>French Quarter Series</strong></td>
<td>Dwarf, well-branched plant with attractive red and pink veined foliage. Flowers are a creamy lemon pink, giving way to full-sized, tender and tasty 3 to 4 in. (8 to 10-cm) fruits. • Pink • Red</td>
<td>Pink: 9,500</td>
</tr>
<tr>
<td><strong>Green Fingers F1</strong></td>
<td>Compact, bushy, 15-in. (38-cm) tall variety with very attractive foliage and pastel yellow flowers is ideal for patio vegetable gardening. Green, 4-in. (10-cm) pods are ideal for cooking. Will produce almost until frost.</td>
<td>8,100</td>
</tr>
<tr>
<td><strong>Jade</strong></td>
<td>Early-maturing, open-pollinated variety yields plentiful, tender, 6-in. (15-cm) pods. Plants average 4 to 5 ft. (1.2 to 1.5 m) tall.</td>
<td>8,600</td>
</tr>
<tr>
<td><strong>Jambalaya</strong></td>
<td>Extra-early and very productive, the neat and compact plants produce plenty of 4 to 5-in. (10 to 13-cm), tapered, evenly sized pods that are dark green and glossy.</td>
<td>9,500</td>
</tr>
<tr>
<td><strong>BUNCHING ONION</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Green Banner Bunching</strong></td>
<td>Uniform, vigorous variety is more heat tolerant than others – slow to bolt and holds well. Stems are glossy white, leaves are full and dark green, and the flavor is slightly pungent. High Resistance to Basal rot and Intermediate Resistance to Pink root.</td>
<td>102,000</td>
</tr>
<tr>
<td><strong>Ishikura</strong></td>
<td>Features a tender and mildly pungent flavor. Single-stalk variety can grow up to 2.5 ft. (0.8 m). Adapts very well to various climates and is suitable for Spring to late-Fall crops. Perennial Oriental bunching onion doesn’t produce bulbs but forms clumps of elongated, straight white stems similar to Spring onions. Alternatively, the stems can be earthed-up to produce leek-like stems.</td>
<td>202,000</td>
</tr>
<tr>
<td><strong>Parade Bunching</strong></td>
<td>Vigorous and uniform, very upright variety is dark green with little or no bulbing and a mild flavor.</td>
<td>213,000</td>
</tr>
<tr>
<td><strong>Red Baron Bunching</strong></td>
<td>Versatile, long-day variety holds its dark red outer skin color and purple ring color well. Harvest at 12 to 15 in. (30 to 38 cm) tall as a scallion, or later in Fall with a mid-size, mild-flowered bulb. Vigorous roots; long storage.</td>
<td>107,000</td>
</tr>
<tr>
<td><strong>White Lisbon Bunching</strong></td>
<td>Long, mild green onion. Vigorous, easy to grow, day-neutral.</td>
<td>202,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DAY-NEUTRAL ONION</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Candy F1</strong></td>
<td>A mid-day yellow onion hybrid because of its ability to consistently produce mild-tasting, large to jumbo-sized bulbs. High Resistance to Pink root.</td>
<td>102,000</td>
</tr>
<tr>
<td><strong>Sierra Blanca F1</strong></td>
<td>Early-maturing jumbo variety makes globe-shaped bulbs with very white and shiny scales; flesh is firm and showy white. Good bolt tolerance. High Resistance to Pink root rot.</td>
<td>118,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIRLOOM (LONG-DAY) ONION</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Ruby Red</strong></td>
<td>Beautiful burgundy skin gives this onion its name, Ruby Red. A good storage onion, Ruby Red is a large, firm, red onion that lasts 5-6 months. A long-day onion with a medium-large sized globe. Crunchy and aromatic, plants are very reliable and heavy yielding.</td>
<td>93,000</td>
</tr>
</tbody>
</table>
### NORTHERN (LONG-DAY) ONION

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red Carpet F1</td>
<td>94,000</td>
<td>116</td>
</tr>
<tr>
<td>Walla Walla Sweet</td>
<td>116,000</td>
<td>125</td>
</tr>
<tr>
<td>White Sweet Spanish</td>
<td>115,000</td>
<td>110</td>
</tr>
<tr>
<td>Yellow Sweet Spanish</td>
<td>116,000</td>
<td>130</td>
</tr>
<tr>
<td>Yukon F1</td>
<td>95,000</td>
<td>125</td>
</tr>
</tbody>
</table>

### NORTHWEST (LONG-DAY) ONION

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Red Nugent F1</td>
<td>120,000</td>
<td>112</td>
</tr>
</tbody>
</table>

### NORTHERN (SHORT-DAY) ONION

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Grano</td>
<td>131,000</td>
<td>100</td>
</tr>
<tr>
<td>Yellow Granex F1</td>
<td>144,000</td>
<td>100</td>
</tr>
</tbody>
</table>

### SOUTHEAST (SHORT-DAY) ONION

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Red Duke F1</td>
<td>127,000</td>
<td>120</td>
</tr>
</tbody>
</table>

### SOUTHERN (SHORT-DAY) ONION

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Red Hunter F1</td>
<td>137,000</td>
<td>130</td>
</tr>
</tbody>
</table>

### F1 PAK CHOI

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bopak</td>
<td>133,000</td>
<td>45</td>
</tr>
<tr>
<td>Toy Choy</td>
<td>231,000</td>
<td>30</td>
</tr>
<tr>
<td>White</td>
<td>211,000</td>
<td>60</td>
</tr>
</tbody>
</table>

### PEA

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sugar Snap</td>
<td>1,800</td>
<td>62</td>
</tr>
</tbody>
</table>
PEPPER

The first color listed is the stage when picking is most preferred. The second color indicates the mature stage, with more intense heat.

**Disease Resistance:**
- HR: High Resistance
- IR: Intermediate Resistance

**BLS:** Bacterial spot  
**CMV:** Cucumber mosaic virus  
**N:** Nematodes  
**Pe:** Phytophthora blight  
**PM:** Powdery mildew

**PVY:** Potato virus Y  
**TEV:** Tobacco etch virus  
**TMV:** Tobacco mosaic virus  
**ToMV:** Tomato mosaic virus  
**TSWV:** Tomato spotted wilt virus

**SWEET BELL PEPPER**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Aristotle</strong></td>
<td>59,000</td>
<td>72-74</td>
<td>Dark green/red</td>
<td>5 x 4.5 in. (13 x 11 cm)</td>
<td>HR: BLS 0-3, 7, 8, PVY, TMV</td>
</tr>
<tr>
<td><strong>Baron F1 (Red Beauty)</strong></td>
<td>58,000</td>
<td>68</td>
<td>Green/red</td>
<td>4 x 3.5 in. (10 x 9 cm)</td>
<td>TMV</td>
</tr>
<tr>
<td><strong>New Better Belle IV F1</strong></td>
<td>61,000</td>
<td>75</td>
<td>Green/red</td>
<td>4 x 4.5 in. (10 x 11 cm)</td>
<td>HR: BLS IR: Pe</td>
</tr>
<tr>
<td><strong>Big Bertha F1</strong></td>
<td>55,000</td>
<td>70-73</td>
<td>Green/red</td>
<td>7 x 4 in. (18 x 10 cm)</td>
<td>TMV</td>
</tr>
<tr>
<td><strong>California Wonder</strong></td>
<td>62,000</td>
<td>75</td>
<td>Green/red</td>
<td>4 x 4 in. (10 x 10 cm)</td>
<td>–</td>
</tr>
</tbody>
</table>

*Aristotle Blocky bell with tremendous yield potential because of its heavyset, thick walls and extra-large fruit size. Well-suited to growing conditions in North America. Very vigorous plant produces anthocyanin-less fruit.

**Baron F1 (Red Beauty)** Early, prolific variety bears very sweet, thick-walled, four-lobed fruit. This smooth, blocky fruit has excellent adaptability in northern and central California.

**New Better Belle IV F1** A Ball Ingenuity product, available exclusively through Ball Seed. Available as Ball Premier Line® seed. This sweet bell, hybrid pepper yields plenty of shiny, firm and blocky fruit that ripens from green to red. Thick-walled and tasty, it’s perfect for slicing, stuffing or baking.

**Big Bertha F1** Available as Ball Premier Line® seed. Dark-green-leaved plants keep fruit under good cover. Produces sweet, thick-walled, 3 to 4-lobed peppers.

**California Wonder** Available as Ball Premier Line® seed. Blocky; good for stuffing.

Ball Seed is working hard to make sure the seed you receive has been tested for seedborne diseases. All Kale, Flowering Kale, Pepper, Ornamental Pepper and Tomato seed is tested according to the International Seed Health Initiative (ISHI) guidelines.
<table>
<thead>
<tr>
<th>SWEET BELL PEPPER continued</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>California Wonderful F1</td>
<td>55,000</td>
<td>75-77</td>
<td>Green/red</td>
<td>3.5 x 3.5 in. (9 x 9 cm)</td>
<td>BLS 0-3, 7, 8</td>
</tr>
<tr>
<td>Chili Pie F1</td>
<td>55,000</td>
<td>65-70</td>
<td>Green/red</td>
<td>2.5 x 2.5 in. (6 x 6 cm)</td>
<td>–</td>
</tr>
<tr>
<td>New Dragonfly</td>
<td>54,000</td>
<td>75</td>
<td>Purple/red</td>
<td>3.5 x 3.5 in. (9 x 9 cm)</td>
<td>TMV</td>
</tr>
<tr>
<td>Early Summer F1</td>
<td>65,000</td>
<td>70-75</td>
<td>Green/yellow</td>
<td>4-5 x 4-4.5 in. (10-13 x 10-11 cm)</td>
<td>HR: BLS 0-5, 7-9; TMV</td>
</tr>
<tr>
<td>Flavorburst Hybrid</td>
<td>75,000</td>
<td>72</td>
<td>Green/yellow</td>
<td>5 x 4 in. (13 x 10 cm)</td>
<td>–</td>
</tr>
<tr>
<td>Golden California Wonder F1</td>
<td>75,000</td>
<td>62-73</td>
<td>Green/yellow</td>
<td>5 x 4 in. (13 x 10 cm)</td>
<td>–</td>
</tr>
<tr>
<td>Hunter F1</td>
<td>56,000</td>
<td>60-70</td>
<td>Green/red</td>
<td>4 x 4 in. (10 x 10 cm)</td>
<td>HR: TEV; TMV; BLS 1-5, 7-9</td>
</tr>
<tr>
<td>Keystone Giant Resistant F1</td>
<td>62,000</td>
<td>75-80</td>
<td>Dark green/red</td>
<td>4.5 x 4 in. (11 x 10 cm)</td>
<td>TMV</td>
</tr>
<tr>
<td>King Arthur F1 (Fat 'N Sassy)</td>
<td>58,000</td>
<td>65</td>
<td>Green/red</td>
<td>4.5 x 3.5 in. (11 x 9 cm)</td>
<td>HR: PVY; TEV; BLS 0, 2, 5</td>
</tr>
<tr>
<td>King of the North F1</td>
<td>75,000</td>
<td>70</td>
<td>Green/red</td>
<td>15 in. x 4 in. (38 x 10 cm)</td>
<td>–</td>
</tr>
</tbody>
</table>
**SWEET BELL PEPPER continued**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lady Bell F1</td>
<td>71,000</td>
<td>71</td>
<td>Green/red</td>
<td>4 x 3.5 in. (10 x 9 cm)</td>
<td>TMV</td>
</tr>
<tr>
<td>Liberty Belle</td>
<td>83,000</td>
<td>73-78</td>
<td>Green/yellow</td>
<td>3.5 x 4 in. (9 x 10 cm)</td>
<td>IR: TMV</td>
</tr>
<tr>
<td>Majestic Red</td>
<td>61,000</td>
<td>75-85</td>
<td>Green/red</td>
<td>5-7 x 2.5-3 in. (13-18 x 6-8 cm)</td>
<td>HR: BLS 0-3, 5, 7, 8; TMV</td>
</tr>
<tr>
<td>Midas F1</td>
<td>65,000</td>
<td>75-80</td>
<td>Dark green/yellow</td>
<td>6 x 3.5 in. (15 x 9 cm)</td>
<td>HR: PVY 1.2, TMV</td>
</tr>
<tr>
<td>New Ace F1</td>
<td>74,000</td>
<td>70</td>
<td>Green/red</td>
<td>4 x 3 in. (10 x 8 cm)</td>
<td>TMV, ToMV</td>
</tr>
<tr>
<td>Nikita F1</td>
<td>58,000</td>
<td>65-70</td>
<td>Green/red-orange</td>
<td>3.5 x 4 in. (9 x 10 cm)</td>
<td>PVY0</td>
</tr>
<tr>
<td>New Ninja S10 F1</td>
<td>50,000</td>
<td>72-77</td>
<td>Green/red</td>
<td>4.5-5 x 3.5-4 in. (10-11 x 9-10 cm)</td>
<td>HR: TMV IR: BLS 0-10</td>
</tr>
<tr>
<td>Orange Blaze F1</td>
<td>60,000</td>
<td>65-70</td>
<td>Green/orange</td>
<td>3.4 x 1.5 in. (8-10 x 4 cm)</td>
<td>BLS 0-3, 7, 8, TMV</td>
</tr>
<tr>
<td>Purple Beauty F1</td>
<td>63,000</td>
<td>72-76</td>
<td>Green/purple</td>
<td>4 x 3.5 in. (10 x 9 cm)</td>
<td>–</td>
</tr>
<tr>
<td>Red Bull F1</td>
<td>54,000</td>
<td>85-90</td>
<td>Green/red</td>
<td>4.5-4.5 x 4.5 in. (11-13 x 10-11 cm)</td>
<td>HR: BLS 0-3, 7, 8, TMV</td>
</tr>
</tbody>
</table>


**Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370**

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**NEW Ninja S10**

**Midas**

**Lady Bell**

**Liberty Belle**

**Majestic Red**

**Nikita**

**Purple Beauty**

**Orange Blaze**

**Purple Beauty**

**Red Bull**
<table>
<thead>
<tr>
<th><strong>SWEET BELL PEPPER</strong> continued</th>
<th><strong>Approximate Seed Count/lb.</strong></th>
<th><strong>Days</strong></th>
<th><strong>Color</strong></th>
<th><strong>Size (L x W)</strong></th>
<th><strong>Disease Resistance</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Red Knight F1</strong> Available as Ball Premier Line® seed. Vigorous, early-maturing variety is widely adapted throughout the northeastern U.S. Large to extra-large, thick-walled fruits.</td>
<td>54,000</td>
<td>65-70</td>
<td>Green/red</td>
<td>4.5 x 4.5 in. (11 x 11 cm)</td>
<td>BLS 0-3, 7, 8; PVY</td>
</tr>
<tr>
<td><strong>Revolution F1</strong> Available as Ball Premier Line® seed. Produces a concentrated set and good yields in cool weather. 4-lobed, blocky, thick walled.</td>
<td>66,000</td>
<td>72</td>
<td>Green/red</td>
<td>4.75 x 4.5 in. (12 x 11 cm)</td>
<td>BLS 1-3, 5; CMV; Pc</td>
</tr>
<tr>
<td><strong>Snackabelle Red F1</strong> A PanAmerican Seed Product. This mini bell excels across the board: earliness, ease and eating! Thick-walled, blunt-end peppers have a rich, sweet flavor that’s great for fresh eating from green to red, and holds up well through grilling and stuffing. “Easy-out” stem and seeds – simply push down or cut around cap to release seed cavity for quick cleaning.</td>
<td>74,000</td>
<td>55-75</td>
<td>Green/red</td>
<td>2.25 x 2.25 in. (5.6 x 5.6 cm)</td>
<td>–</td>
</tr>
<tr>
<td><strong>Sweetie Pie F1</strong> Miniature bell pepper is easy to grow with excellent fruit set even under hot and humid conditions. Attractive plant is well-adapted to container and small-garden growing. Small, 3-oz. cuties are thick-walled, sweet and flavorful. Can be eaten fresh, grilled, stir-fried or stuffed. All-America Selections Regional Winner (Heartland, Northeast and Southeast).</td>
<td>59,000</td>
<td>60-70</td>
<td>Green/red</td>
<td>2.5 x 3 in. (6 x 8 cm)</td>
<td>–</td>
</tr>
<tr>
<td><strong>Touchdown F1</strong> A strong prolific plant with continuous setting ability and excellent cover. High yield potential of large to extra-large smooth fruit with thick walls and a uniformly blocky shape.</td>
<td>57,000</td>
<td>72-75</td>
<td>Green/red</td>
<td>3.75-4 x 9.5-10 in. (9.5-10 x 24.1-25.4 cm)</td>
<td>HR: BLS 0-5, 7-9; TMV</td>
</tr>
<tr>
<td><strong>Yolo Wonder</strong> Available as Ball Premier Line® seed.</td>
<td>64,000</td>
<td>72-75</td>
<td>Green/red</td>
<td>4 x 3.75 in. (10 x 9.5 cm)</td>
<td>–</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>SWEET NON-BELL PEPPER</strong></th>
<th><strong>Approximate Seed Count/lb.</strong></th>
<th><strong>Days</strong></th>
<th><strong>Color</strong></th>
<th><strong>Size (L x W)</strong></th>
<th><strong>Disease Resistance</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Aconcagua</strong> One of the largest sweet peppers! Extremely productive, bearing long, tapered fruit that is great at any stage of maturity but sweetest when fully ripened to red.</td>
<td>73,000</td>
<td>70, 50 to green harvest</td>
<td>Green/red</td>
<td>11-12 x 3 in. (28-30 x 8 cm)</td>
<td>–</td>
</tr>
<tr>
<td><strong>Aji Dulce #2</strong> Looks like a fiery red habanero, but without the heat! Great fruity flavor. Tall, sturdy plants produce an abundant harvest.</td>
<td>119,000</td>
<td>85-90</td>
<td>Green/red</td>
<td>2-3 in x 1 in. (5-8 x 3 cm)</td>
<td>–</td>
</tr>
<tr>
<td><strong>Candy Cane Red F1</strong> A PanAmerican Seed product. Features unique, eye-catching variegated foliage plus elongated snack peppers that ripen from green striped to solid red. Sweet flavor, thin walls, crispy texture. Perfect for fresh eating at any stage of ripeness. Best for containers or in-ground, with or without support.</td>
<td>69,000</td>
<td>60-65, 40-45 to green striped harvest</td>
<td>Green/red</td>
<td>3.5-4 x 1.25-1.75 in. (9-10 x 3.4 cm)</td>
<td>–</td>
</tr>
</tbody>
</table>

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
## SWEET NON-BELL PEPPER continued

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<tr>
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<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cherry Pick F1</strong></td>
<td>64,000</td>
<td>82-85</td>
<td>Dark green/red</td>
<td>1.5 in. (4 cm) round</td>
<td>TMV</td>
</tr>
<tr>
<td><strong>Giant Marconi F1</strong></td>
<td>74,000</td>
<td>63</td>
<td>Green/red</td>
<td>8 x 3 in. (20 x 8 cm)</td>
<td>PVY, TMV</td>
</tr>
<tr>
<td><strong>Greek Pepperoncini</strong></td>
<td>72,000</td>
<td>65</td>
<td>Light green</td>
<td>4 x 1 in. (10 x 2.5 cm)</td>
<td>–</td>
</tr>
<tr>
<td><strong>Gypsy F1</strong></td>
<td>64,000</td>
<td>60-65</td>
<td>Yellow-orange/red</td>
<td>5 x 3 in. (13 x 8 cm)</td>
<td>TMV</td>
</tr>
<tr>
<td><strong>Hungarian Cheese Pepper F1 Collection</strong></td>
<td>75,000</td>
<td>80-90</td>
<td>Green/red</td>
<td>3 x 1 in. (8 x 3 cm)</td>
<td>–</td>
</tr>
<tr>
<td><strong>Jimmy Nardello’s Available as organic seed</strong></td>
<td>75,000</td>
<td></td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td><strong>Just Sweet</strong></td>
<td>64,000</td>
<td>65</td>
<td>Yellow</td>
<td>1-3 x 1-1.5 in. (3-8 x 3-4 cm)</td>
<td>HR: ToMV</td>
</tr>
<tr>
<td><strong>Lola F1</strong></td>
<td>59,000</td>
<td>65-70</td>
<td>Yellow/red</td>
<td>7.5-8 x 1.75 in. (19-20 x 4 cm)</td>
<td>HR: BLS 0-3, 7, 8 IR: TSWV</td>
</tr>
<tr>
<td><strong>Melrose Now available as Ball Premier Line® seed</strong></td>
<td>74,000</td>
<td>70</td>
<td>Green/red</td>
<td>4 x 2 in. (10 x 5 cm)</td>
<td>–</td>
</tr>
<tr>
<td><strong>Mohawk F1</strong></td>
<td>88,000</td>
<td>75</td>
<td>Green/orange</td>
<td>4-5 in. (10-13 cm) long</td>
<td>–</td>
</tr>
</tbody>
</table>

### Cherry Pick F1
High-yielding, easy-to-harvest sweet cherry pepper good for pickling. Very uniform fruit with excellent flavor.

### Giant Marconi F1
Available as Ball Premier Line® seed. High-yielding peppers resemble a Marconi/Lamuyo cross. Tapering, 2 to 4-lobed fruit on robust, 30-in. (76-cm) plants. Fleshy peppers have a sweet, smoky flavor; use fresh or cooked. Withstands cold, wet, drought. All-America Selections National Winner.

### Greek Pepperoncini
Heirloom variety from Greece is prized for its mild, sweet flavor that’s perfect for pickling or fresh use; matures 65 days from transplant.

### Gypsy F1
Vigorous, continuous-fruiting plants bear an abundance of very sweet, wedge-shaped fruit. All-America Selections National Winner.

### Hungarian Cheese Pepper F1 Collection
Resemble heirloom varieties, but perform like hybrids: early, high-yielding and disease-resistant. Crisp and sweet – use the flat-round, smooth, thick-walled peppers raw, pickled or baked with fillings. Very early-maturing plants set fruit continuously.

- **Orange You Sweet** Green/orange.
- **Right On Red** Green/red.
- **Yes to Yellow!** Green/yellow.

### Jimmy Nardello’s
Available as organic seed. Italian heirloom variety is super sweet with medium thick flesh. Extremely versatile – can be used green or red, fresh or sautéed, freezes and dries well. Heavy fruit set on 24-in. (61-cm) plants.

### Just Sweet
A unique snacking pepper with four lobes like a larger bell pepper, only smaller; deliciously sweet with nice, thick walls. 2019 All-America Selections National Winner.

### Lola F1
Shiny color, super yields and sweet flavor make this sweet banana pepper a star. Fruits mature early on easy-to-grow plants. Extra-large, sweet, crunchy fruits are smooth, straight and long with firm, thick walls. The plants are medium-tall, strong and vigorous, with good cover, so fruits are protected from the elements.

### Melrose
Available as Ball Premier Line® seed. Italian frying pepper produces very sweet, flavorful, crimson red peppers early. Great fresh and grilled.

### Mohawk F1
Sweet, orange pepper has a spreading, cascading habit that is good for hanging baskets and patio planters.
**New PeppiGrande Red F1** A PanAmerican Seed Product. Corno-shaped pepper has outstanding crisp texture, rich flavor and more sweetness than large-fruited peppers. Best grown in-ground with support of stakes or a cage.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>82,000</td>
<td>60-65; (ripe)</td>
<td>Green/ red</td>
<td>5-6 in./13-15 cm</td>
<td>–</td>
</tr>
<tr>
<td>82,000</td>
<td>80-85</td>
<td>Green/ red</td>
<td>1.5-2 in./4-5 cm</td>
<td>–</td>
</tr>
</tbody>
</table>

**New Pillar Series F1** Series of sweet table-top pepper plants that produce large, crisp, thick-walled fruit. Pinching or pruning is not necessary, and fruit grows close to the central stem to keep the plant in perfect balance. Drought tolerant.

- **Sweet Red**
  - 75,000
  - 84-98
  - Green/ red
  - 2-2.75 x 0.75-1 in. (5-7 x 2-3 cm)

- **Sweet Yellow**
  - 62,000
  - Varies by variety
  - 2-2.75 x 0.75-1 in. (5-7 x 2-3 cm)

**Pimiento Elite F1** Available as Ball Premier Line® seed. Good yields of heart-shaped, sweet, thick-walled fruit. Delicious flavor when roasted. Plants grow 20 to 24 in. (51 to 61 cm) tall. High yield potential.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>54,000</td>
<td>72-75</td>
<td>Green/ red</td>
<td>3 x 3.5 in. (8 x 9 cm)</td>
<td>HR: TSWV, TMV</td>
</tr>
</tbody>
</table>

**Shishito** Mild Japanese 3-in. (8-cm) peppers for roasting (blistering), pan-frying, tempura and grilling; the thin walls blister easily, taking on a distinct rich flavor that is delicious when sprinkled with salt and lemon juice.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>55-60</td>
<td>55-60</td>
<td>Green</td>
<td>3 in. (8 cm)</td>
<td>–</td>
</tr>
</tbody>
</table>

**Sweet Banana (Sweet Hungarian)** Available as Ball Premier Line® seed. Medium-thick walls. Banana type.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>69,000</td>
<td>65-70</td>
<td>Yellow/ red</td>
<td>6 x 1.5 in. (15 x 4 cm)</td>
<td>–</td>
</tr>
</tbody>
</table>

**Sweet Sunset F1** Brand of SV3782PP Plant produces long and tapered sweet banana peppers perfect for frying, pickling and fresh eating. All-America Selections Regional Winner (Southeast, Heartland, West/Northwest).

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>62,000</td>
<td>85</td>
<td>Yellow/ red</td>
<td>8 x 1.5 in. (20 x 4 cm)</td>
<td>BLS 0-3, 7, 8</td>
</tr>
</tbody>
</table>

**Takara** A typical Shishito pepper with a small fruit and a mild, rich flavor. Compact plant has a spreading habit, short internodes, is well-branched and has high production potential. Uniformity is superior to O.P. strains. Peduncle holds well to the fruit. Early and prolific, with an extended harvest potential.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>78,000</td>
<td>60</td>
<td>Green/ red</td>
<td>3.5 x 1 in. (9 x 3 cm)</td>
<td>–</td>
</tr>
</tbody>
</table>

**Yellow Sparkler F1** Elongated mini-peppers are sweet, firm and crisp – perfect for fresh snacking. The 20 to 24-in. (51 to 61-cm) plants work well in containers as well as beds.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>60,000</td>
<td>65-68</td>
<td>Green/ yellow</td>
<td>2-3 x 1.5 in. (5-8 x 4 cm)</td>
<td>HR: TMV</td>
</tr>
</tbody>
</table>
**ANAHEIM PEPPER**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anaheim</td>
<td>55,000</td>
<td>74-76</td>
<td>Green/red</td>
<td>5 x 3 in. (13 x 8 cm)</td>
<td>–</td>
</tr>
<tr>
<td>Biggie Chili F1</td>
<td>48,000</td>
<td>74-76</td>
<td>Light green/red</td>
<td>8 x 1.5 in. (20 x 4 cm)</td>
<td>HR: TMV</td>
</tr>
<tr>
<td>Desperado F1</td>
<td>46,000</td>
<td>60-70</td>
<td>Light green/red</td>
<td>8 x 1.5 in. (20 x 4 cm)</td>
<td>–</td>
</tr>
<tr>
<td>New Spitfire</td>
<td>62,000</td>
<td>85-90</td>
<td>Green/red</td>
<td>2-2.6 oz. (60-75 g)</td>
<td>IR: Phytophthora blight</td>
</tr>
</tbody>
</table>

**ANCHO/POBLANO PEPPER**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carranza</td>
<td>55,000</td>
<td>72</td>
<td>Dark green/red</td>
<td>6-7 x 3 in. (16-18 x 8 cm)</td>
<td>N</td>
</tr>
<tr>
<td>Trident F1</td>
<td>40,000</td>
<td>80-85</td>
<td>Dark green/red</td>
<td>6.5 x 3.5 in. (17 x 9 cm)</td>
<td>HR: TMV0</td>
</tr>
</tbody>
</table>

**CUBANELLE PEPPER**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biscayne F1</td>
<td>70,000</td>
<td>63-70</td>
<td>Light green/red</td>
<td>6.5 x 2.5 in. (17 x 6 cm)</td>
<td>–</td>
</tr>
<tr>
<td>Cubanelle</td>
<td>69,000</td>
<td>68</td>
<td>Green/red</td>
<td>6 x 2.5 in. (15 x 6 cm)</td>
<td>–</td>
</tr>
<tr>
<td>Redskin F1</td>
<td>77,000</td>
<td>75</td>
<td>Green/red</td>
<td>4-5 x 2.5 in. (10-13 x 6 cm)</td>
<td>–</td>
</tr>
</tbody>
</table>
**CHILI PEPPER**

<table>
<thead>
<tr>
<th>Name</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alter Ego</td>
<td>76,000</td>
<td>85-95</td>
<td>Lime green/red</td>
<td>4-6 x 1 in. (10-15 x 3 cm)</td>
<td>IR: TMV</td>
</tr>
<tr>
<td>Arapaho</td>
<td>64,000</td>
<td>65</td>
<td>Green or Red</td>
<td>8-9 in. (20-23 cm) long</td>
<td>–</td>
</tr>
<tr>
<td>Atomic</td>
<td>78,000</td>
<td>85-95</td>
<td>Deep purple/red</td>
<td>3-4 x 1 in. (8-10 x 3 cm)</td>
<td>IR: TMV</td>
</tr>
<tr>
<td>Basket of Fire</td>
<td>111,000</td>
<td>85-95</td>
<td>Cream/purple/red</td>
<td>2 in. (5 cm) long</td>
<td>–</td>
</tr>
<tr>
<td>Bhut Jolokia Red</td>
<td>101,000</td>
<td>100-120</td>
<td>Red</td>
<td>2.5-3.25 x 1-1.25 in. (6-8.2 x 3-3.2 cm)</td>
<td>–</td>
</tr>
<tr>
<td>Cajun Belle</td>
<td>102,000</td>
<td>60-65</td>
<td>Green/red</td>
<td>3 x 2 in. (8 x 5 cm)</td>
<td>–</td>
</tr>
<tr>
<td>Carolina Reaper</td>
<td>95,000</td>
<td>95</td>
<td>Green/red</td>
<td>2 x 1.5 in. (5 x 4 cm)</td>
<td>–</td>
</tr>
<tr>
<td>Cayenne Long Thin</td>
<td>76,000</td>
<td>70-75</td>
<td>Green/red</td>
<td>4-6 x 0.75 in. (10-15 x 2 cm)</td>
<td>–</td>
</tr>
<tr>
<td>‘Cayennetta’ F1</td>
<td>136,000</td>
<td>85-90</td>
<td>Green/red</td>
<td>4 in. (10 cm) long</td>
<td>–</td>
</tr>
</tbody>
</table>

*Alter Ego* - Hot but sweet, this naturally dwarf plant is great for small spaces and the patio. Upward-facing fruit. 30,000-40,000 Scovilles. Foliage stays green and healthy, even with ripe fruit.

*Arapaho* - High yields of early maturing fruit on a compact plant. Can be harvested 10 days to two weeks earlier than most standard varieties on the market with no sacrifice in fruit quality. Pungent, with great cayenne aroma. Attractive and delicious, both sweet and moderately hot. Excellent for frying and in salsas. Medium-large plant, formerly known as ‘Cheyenne’. Plant habit is compact and vigorous.

*Atomic* - Large, upward-facing fruit mature purple to a sizzling red packed with fiery heat. Withstands both intense heat and full sun without fruit damage. 90,000 Scovilles. Foliage stays green and healthy, even with ripe fruit.

*Basket of Fire* - Well-rounded, cascading plants are covered with plenty of spicy hot peppers. Perfect for containers and baskets. 80,000 Scovilles.

*Bhut Jolokia Red* - The original from India! Recently recognized as one of the hottest chilis on earth, this East Indian pepper grows pungent red fruits on 18 to 48-in. (46 to 122-cm) plants. NOTE: Allow up to 35 days for germination.

*Cajun Belle* - A PanAmerican Seed product. Available as Ball Premier Line® seed. Up to 2 weeks earlier than others of this type, producing 1-oz. (28-g) peppers with a mildly spicy taste just right for fresh eating and salsa. Can be enjoyed green or red. All-America Selections National Winner.

*Carolina Reaper* - Officially the hottest pepper in the world as ranked by Guinness Records, with average Scoville units of 1.5 million units. Fiery red fruit has a unique little stinger tail. Flavor is surprisingly good once you get past the heat. NOTE: Extreme caution should be used when handling seeds and picking fruits.

*Cayenne Long Thin* - Available as Ball Premier Line® seed. Very hot, tapered fruit with a twisted shape is thin-walled and two-celled.

*‘Cayennetta’ F1* - Produces compact, branching plants that have an attractive habit and yield large crops of bright red, mild Cayenne-type chili peppers. Tolerant of both hot and cold seasons. 20,000 Scovilles. All-America Selections National Winner.
We’ve ranked the taste of our hot peppers from hottest (5 flames) to mildly hot (1 flame).

NOTE: Pepper pungency is about 10 times greater after drying. Also, peppers grown under stress and/or high heat and humidity will be hotter than hot peppers grown under moderate climatic conditions.

<table>
<thead>
<tr>
<th>CHILI PEPPER</th>
<th>Approximate Seed Count/lb.</th>
<th>Days to Days to Full Ripe</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Golden Cayenne</td>
<td>67,000</td>
<td>85-90 to 70-75</td>
<td>Yellow</td>
<td>3 x 0.75 in. (8 x 2 cm)</td>
<td>–</td>
</tr>
<tr>
<td>Longhorn</td>
<td>55,000</td>
<td>85-90 to 70-75</td>
<td>Green/Red</td>
<td>6-9 x 1 in. (15-23 x 3 cm)</td>
<td>–</td>
</tr>
<tr>
<td>Super Chili F1 Available asBall Premier Line® seed.</td>
<td>77,000</td>
<td>75</td>
<td>Green/Red</td>
<td>2.5 x 1.5 in. (6 x 4 cm)</td>
<td>–</td>
</tr>
<tr>
<td>Sweet Heat F1 Part of theBurpee BOOST Antioxidant Collection. A PanAmerican Seed product.</td>
<td>69,000</td>
<td>55-60 to 40-45</td>
<td>Green/Red</td>
<td>3.5-4 x 1.25-1.75 in. (9-10 cm x 3-4 cm)</td>
<td>–</td>
</tr>
<tr>
<td>Trinidad Scorpion One of the hottest peppers in the world! Wrinkled, lantern-shaped fruit matures to deep red. (Moruga Strain)</td>
<td>89,000</td>
<td>90</td>
<td>Green/Red</td>
<td>2 in. x 1.5 in. (5 x 4 cm)</td>
<td>BLS, TMV, ToMV, Pepper Mild Mottles Mosaic</td>
</tr>
</tbody>
</table>

**NEW**
- Armageddon F1
- Bht Jolokia Red
- Carolina Reaper
- Trinidad Scorpion

**Basket of Fire**
- Habanero Orange
- Habanero Red
- Primero Red

**Alter Ego**
- Atomic Chileno
- Gran Caribe F1
- Hot Lemon Jalapeño Serrano Spicy Slice
- Super Chili
- Sureño
- Tabasco

**Aji Rico F1**
- Apache
- Arapaho
- Big Guy Jalapeño
- Burning Bush Cajun Belle
- Caraniza
- Cayenne Long Thin
- ‘Cayennetta’
- Cheyenne
- Crackla F1
- Early Jalapeño

**Emerald Fire**
- Golden Cayenne
- Gong Bao
- Holy Molé
- Hot Portugal
- Hungarian Hot Wax
- Jalapeño M
- La Bomba II F1
- Longhorn
- Red Cherry
- Hot Large
- NEW Ristra
- Cayenne II

**Biggie Chile**
- Desperado F1
- Durango F1
- Flaming Flare
- Flaming Jade
- Garden Salsa

**Hot Sunset**
- Jalapeño Gigante
- Mad Hatter F1
- Mariachi
- NEW Rocket
- Mamba Red
- NEW Siptfire
- Siracha
- Sweet Heat
- Time Bomb
- Trident F1

**HOW HOT IS HOT?**
### ETHNIC HOT PEPPER

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apache F1</td>
<td>High-yielding, upright and compact. 16 to 18-in. (41 to 46-cm) plants are well-suited to patio planters. Produces high yields of small, hot-tasting fruit that are perfect for spicy dishes. 80,000 Scovilles.</td>
<td>107,000</td>
<td>85-90</td>
<td>Green/red</td>
<td>2-3 in. (5-8 cm) long</td>
<td>–</td>
</tr>
<tr>
<td>Cheyenne F1</td>
<td>Large, hot, bright orange fruit grows on compact, cascading plants that are well-suited to baskets and planters. Packed with a punch of heat. 40,000 Scovilles.</td>
<td>86,000</td>
<td>85-90</td>
<td>Green/orange</td>
<td>3-4 in. (8-10 cm) long</td>
<td>–</td>
</tr>
<tr>
<td>Flaming Flare F1</td>
<td>Plant bears attractive, glossy red, triangular fruit that are perfect for chili sauces. Exceptional Fresno peppers are sweeter, larger and more prolific than similar types and range in Scoville heat units from about 500-1,000.</td>
<td>89,000</td>
<td>76</td>
<td>Green/red</td>
<td>3.75 x 1.5 in. (10 x 4 cm)</td>
<td>HR: TMV</td>
</tr>
<tr>
<td>Garden Salsa F1</td>
<td>Available as Ball Premier Line® seed. Moderately hot, tapered fruit with approximately 3,000 Scoville units has medium-thick walls.</td>
<td>61,000</td>
<td>73</td>
<td>Dark green/red</td>
<td>8-9 x 1 in. (20-23 x 3 cm)</td>
<td>HR: PVY 0-1, TMV</td>
</tr>
<tr>
<td>Gong Bao F1</td>
<td>Named for the popular Chinese dish, the slender, thin-walled peppers have a pungent flavor (3,000 to 6,000 Scoville units) and can be used fresh or cooked. Fruit is easy to dry and use throughout the year. Very productive, deep green-leafed plants set fruit continuously.</td>
<td>102,000</td>
<td>85</td>
<td>Green/red</td>
<td>3-5 x 0.5-0.75 in. (8-13 x 1-2 cm)</td>
<td>–</td>
</tr>
<tr>
<td>Holy Molé F1</td>
<td>Tapered, Pasilla-type peppers with distinctive, not-too-spicy flavor. Average scoville heat units range from 150-1,500. Use fresh, cooked or dried. <strong>All-America Selections National Winner.</strong></td>
<td>47,000</td>
<td>85</td>
<td>Green/brown</td>
<td>7-9 x 1.5 in. (18-23 x 4 cm)</td>
<td>TMV</td>
</tr>
<tr>
<td>Hot Portugal</td>
<td>Sturdy, upright plants produce large, pointed fruit with a fiery hot flavor.</td>
<td>68,000</td>
<td>60-65</td>
<td>Green/bright scarlet</td>
<td>6-7 in. (15-18 cm) long</td>
<td>–</td>
</tr>
<tr>
<td>Hot Sunset F1 (Hot Banana)</td>
<td>Easy to grow and colorful. Thick-skinned, moderately hot banana peppers are easy to stuff and great for frying. Produces fruit with approximately 600-800 Scoville heat units. <strong>All-America Selections Regional Winner (Southeast, Heartland, Great Lakes).</strong></td>
<td>69,000</td>
<td>85</td>
<td>Yellow/red</td>
<td>7 x 1.25 in. (18 x 3 cm)</td>
<td>BLS 0-3, 7, 8, TSWV</td>
</tr>
<tr>
<td>Hungarian Hot Wax F1</td>
<td>Available as Ball Premier Line® seed. Early, medium thick-walled fruit.</td>
<td>67,000</td>
<td>65-70</td>
<td>Bright yellow/red</td>
<td>5.5 x 1.25 in. (14 x 3 cm)</td>
<td>–</td>
</tr>
<tr>
<td>Mariachi F1</td>
<td>Improved Santa Fe Grande type. Early, high-yielding plant produces fruit with approximately 500-700 Scoville heat units. Mild, thick flesh is good fresh, roasted, pickled. Widely adapted. <strong>All-America Selections National Winner.</strong></td>
<td>61,000</td>
<td>66</td>
<td>Yellow/red</td>
<td>4 x 2 in. (10 x 5 cm)</td>
<td>TMV</td>
</tr>
</tbody>
</table>

---

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
## Habanero Pepper

<table>
<thead>
<tr>
<th>Variety</th>
<th>Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Burning Bush F1</strong></td>
<td>91,000</td>
<td>85</td>
<td>Green/orange</td>
<td>3 x 1.5 in. (8 x 4 cm)</td>
<td>TMV</td>
</tr>
<tr>
<td><strong>Habanero Orange</strong></td>
<td>106,000</td>
<td>95-100</td>
<td>Light green/orange</td>
<td>1 x 1.5 in. (3 x 4 cm)</td>
<td>–</td>
</tr>
<tr>
<td><strong>Habanero Red</strong></td>
<td>112,000</td>
<td>95-100</td>
<td>Green/red</td>
<td>1.5 x 1 in. (4 x 3 cm)</td>
<td>–</td>
</tr>
<tr>
<td><strong>Primero Red</strong></td>
<td>163,000</td>
<td>60-80</td>
<td>Green/red</td>
<td>2.75-3.5 x 1.25-1.5 in. (7-9 x 3-4 cm)</td>
<td>–</td>
</tr>
<tr>
<td><strong>Roulette F1</strong></td>
<td>102,000</td>
<td>60-80</td>
<td>Green/red</td>
<td>3 x 1.5 in. (8 x 4 cm)</td>
<td>–</td>
</tr>
</tbody>
</table>

## Ethnic Hot Pepper

<table>
<thead>
<tr>
<th>Variety</th>
<th>Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Red Cherry Hot–Large</strong></td>
<td>87,000</td>
<td>75-80</td>
<td>Green/red</td>
<td>1.25 x 1.5 in. (3 x 4 cm)</td>
<td>–</td>
</tr>
<tr>
<td><strong>Tabasco</strong></td>
<td>113,000</td>
<td>80</td>
<td>Green/yellow</td>
<td>2 x 0.5 in. (5 x 1 cm)</td>
<td>–</td>
</tr>
<tr>
<td><strong>Time Bomb</strong></td>
<td>68,000</td>
<td>65-70</td>
<td>Green/red</td>
<td>1.5 in. (4 cm) diameter</td>
<td>HR: TMV</td>
</tr>
</tbody>
</table>

## Jalapeño Pepper

<table>
<thead>
<tr>
<th>Variety</th>
<th>Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Early Jalapeño</strong></td>
<td>83,000</td>
<td>80</td>
<td>Green/red</td>
<td>2-3 x 1.5 in. (5-8 x 4 cm)</td>
<td>–</td>
</tr>
<tr>
<td><strong>Emerald Fire F1</strong></td>
<td>50,000</td>
<td>80</td>
<td>Green/red</td>
<td>4 x 1.5 in. (10 x 4 cm)</td>
<td>BLS 0-3, 7, 8</td>
</tr>
</tbody>
</table>
### JALAPEÑO PEPPER continued

<table>
<thead>
<tr>
<th>Variety</th>
<th>Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Felicity F1</strong></td>
<td>59,000</td>
<td>72</td>
<td>Green/red</td>
<td>4 x 0.75 in. (10 x 2 cm)</td>
<td>–</td>
</tr>
<tr>
<td><strong>Jalafuego F1</strong></td>
<td>45,000</td>
<td>70</td>
<td>Dark green/red</td>
<td>3.5-4 x 1.75-2 in. (9-10 x 4-5 cm)</td>
<td>HR: BLS 0-3, 7, 8; PVY 1,2</td>
</tr>
<tr>
<td><strong>Jalapeño M</strong></td>
<td>74,000</td>
<td>75-80</td>
<td>Green/red</td>
<td>3 x 1.5 in. (8 x 4 cm)</td>
<td>–</td>
</tr>
<tr>
<td><strong>La Bomba II F1</strong></td>
<td>52,000</td>
<td>65-70</td>
<td>Green/red</td>
<td>3-3.25 x 1-1.5 in. (8-8.25 x 3-4 cm)</td>
<td>BLS 1-3, TMV</td>
</tr>
<tr>
<td><strong>Spicy Slice F1</strong></td>
<td>61,000</td>
<td>65</td>
<td>Green</td>
<td>4-4.75 x 0.75-1 in. (10-12 x 2-3 cm)</td>
<td>HR: BLS 0-3, 7, 8 IR: TEV</td>
</tr>
<tr>
<td><strong>Sriracha F1</strong></td>
<td>70,000</td>
<td>65-70</td>
<td>Green</td>
<td>5 x 1.25 in. (13 x 3 cm)</td>
<td>–</td>
</tr>
<tr>
<td><strong>Tricked You F1</strong></td>
<td>46,000</td>
<td>90</td>
<td>Green/red</td>
<td>4.25 x 1.5 in. (11 x 4 cm)</td>
<td>BLS 0-3, 7, 8</td>
</tr>
</tbody>
</table>

### SERRANO PEPPER

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Flaming Jade F1</strong></td>
<td>81,000</td>
<td>85</td>
<td>Green</td>
<td>4 x 1 in. (10 x 3 cm)</td>
<td>HR: BLS 0-3, 7, 8, PVY; TMV IR: N</td>
</tr>
<tr>
<td><strong>Serrano</strong></td>
<td>94,000</td>
<td>75</td>
<td>Bright green/red</td>
<td>1-2 x 0.5 in. (3-5 x 1 cm)</td>
<td>–</td>
</tr>
</tbody>
</table>
SERRANO PEPPER continued

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sureño</td>
<td>A high-producing, large, straight-fruited serrano pepper with a medium-green color and excellent quality. The plant is more compact and the yield more concentrated than a traditional serrano. Sureño’s fruit is very firm, with a solid core that can withstand rough handling.</td>
<td>73,000</td>
<td>65-70</td>
<td>Green</td>
<td>3 x 5 in. (8 x 13 cm)</td>
<td>HR: PVY 1,2</td>
</tr>
</tbody>
</table>

SPECIALTY HOT PEPPER

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aji Rico F1</td>
<td>A unique hybrid Capsicum baccatum variety with more vigor, higher yield and earlier ripening than O.P. heirlooms. Narrow, conical fruit are crispy and thin-walled with delicate citrus flavor – perfect fresh or cooked, green or red. Best in-ground; large, indeterminate plants benefit from support. All-America Selections National Winner.</td>
<td>83,000</td>
<td>70-75</td>
<td>Green/red</td>
<td>3-4 x 1.25-1.75 in. (8-10 x 3-4 cm)</td>
<td>–</td>
</tr>
</tbody>
</table>

| Crackle F1 | Early, high-yielding plants produce large, long and cylindrical peppers. Sturdy, mid-compact variety has concentrated setting and is suited for multiple harvests while maintaining good fruit size. | 70,000 | 60-70 | Dark green/red | 4-5 in. (10-13 cm) long | – |

| Durango F1 | A gourmet favorite! Guajillo pepper offers classic mild to medium hot flavor, smooth exterior, thick walls and mature deep burgundy color on a strong, early-producing plant. High-yielding, with lots of long, tapered, 2 to 2.5-oz. (57 to 71-g) fruit that are good for salsa or drying for powder. Good garden performer. | 58,000 | 70-80 | Green/dark red | 6.5-7 x 1.5 in. (17-18 x 4 cm) | HR: TMV IR: Pc |

| Mad Hatter F1 | A PanAmerican Seed product. A unique Capsicum baccatum pepper that is early and very productive, yielding more fruit than similar O.P. varieties. Distinctive, flat-disc peppers are crunchy and crisp, with delicate floral scent and rich flavor that intensifies/sweetens as it matures. In hot, dry climates, a small number of fruit will have a touch of heat close to the seed cavity, but fruit wings are always sweet. Best in-ground with support. All-America Selections National Winner. | 74,000 | 85-90 | Green/red | 2-3.5 x 2-2.5 in. (5-9 x 5-6 cm) | – |

| New Rocket Mamba Red F1 | Upright-growing pepper plant with mild, spicy fruit. The glossy fruit turns from a trendy black to a luscious red when ripening. The plant itself has an upright growth habit with a strong central stem and is drought tolerant. | 77,000 | 84-98 | Black/red | 2-3 in. (5 cm) | – |

PHYSALIS (CAPE GOOSEBERRY)

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Weight</th>
</tr>
</thead>
</table>
| Little Lanterns | Neat, compact plants produce flowers followed by sweet, pale green fruit that matures to golden yellow. The paper-like husks dry to golden brown when ripe. Grows to just 12 in. (30 cm) tall and 24 in. (61 cm) wide. Ideal for planters and garden borders. Good weather tolerance. | 715,000 | 70 | 0.25-0.35 oz. (7-10 g)
<table>
<thead>
<tr>
<th><strong>PUMPKIN</strong></th>
<th><strong>Approximate Seed Count/lb.</strong></th>
<th><strong>Days</strong></th>
<th><strong>Weight</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Autumn Gold F1</strong></td>
<td>Highly productive variety spreads 12 to 20 ft. (3.7 to 6.1 m), with three to five pumpkins per vine. All-America Selections National Winner.</td>
<td>4,500</td>
<td>90</td>
</tr>
<tr>
<td><strong>Baby Bear</strong></td>
<td>Eight to nine pumpkins per vine. Long stems make good handles. All-America Selections National Winner.</td>
<td>3,600</td>
<td>105</td>
</tr>
<tr>
<td><strong>Big Max</strong></td>
<td>Nearly round with red-orange skin.</td>
<td>1,300</td>
<td>120</td>
</tr>
<tr>
<td><strong>Cinderella’s Carriage F1</strong></td>
<td>The first hybrid in this fairy tale shape, delivering high yield and powdery mildew resistance. Produces 5 to 7 bright reddish-orange fruit per plant; occasionally bears a pale blue fruit. Sweet, yellow flesh has a nutty flavor. All-America Selections Regional Winner (Southeast, Great Lakes, Mountain/Southwest).</td>
<td>1,800</td>
<td>100</td>
</tr>
<tr>
<td><strong>Fairytale</strong></td>
<td>Deeply lobed, squat fruit is a deep tan color with deep orange flesh inside. Bears numerous 12 to 18-in. (30 to 46-cm) pumpkins with thick, strong handles on vigorous 10-ft. (3-m) vines. Good for eating or ornamental use.</td>
<td>3,600</td>
<td>115</td>
</tr>
<tr>
<td><strong>Flat White Boer Ford</strong></td>
<td>Edible and ornamental specialty variety has a unique color; stackable, flat shape; and sweet, orange flesh. Creamy white exterior does not bleach out, yellow or blemish. Stores well.</td>
<td>1,800</td>
<td>100-110</td>
</tr>
<tr>
<td><strong>Hijinks</strong></td>
<td>High-yielding, with smooth skin, pronounced grooves and strong stems. Blocky pumpkins are about 8 in. (20 cm) tall and 7.5 in. (19 cm) in diameter. All-America Selections National Winner.</td>
<td>3,600</td>
<td>100</td>
</tr>
<tr>
<td><strong>Howden</strong></td>
<td>A traditional favorite. Good yields of intensely orange pumpkins with defined ribs.</td>
<td>2,700</td>
<td>115</td>
</tr>
<tr>
<td><strong>Jack-Be-Little</strong></td>
<td>Deep orange, 2 x 3-in. (5 x 8-cm) fruit with ribs. Last up to 12 months if fully cured on the vine.</td>
<td>6,800</td>
<td>95</td>
</tr>
<tr>
<td><strong>Jack Sprat F1</strong></td>
<td>Exciting pie-class addition with a nice, dark orange exterior and dark green embedded handles. Very uniform. High fruit numbers per plant and an excellent yield potential. Good powdery mildew tolerance.</td>
<td>5,400</td>
<td>100</td>
</tr>
<tr>
<td><strong>Kandy Korn Plus</strong></td>
<td>Miniature pumpkins have deep orange skin with shallow ribs and dark green handles. Semi-determinate plants produce high yields.</td>
<td>4,500</td>
<td>90</td>
</tr>
<tr>
<td><strong>New Large Marge F1</strong></td>
<td>Extremely large variety has a deep orange, glossy exterior with a strong, dark green, large, embedded handle to match the fruit size. Plants are full-vined and can set multiple fruits per plant and maintain size. Traditional blocky, round shape is perfect for carving or decorating.</td>
<td>2,800</td>
<td>105</td>
</tr>
<tr>
<td><strong>Magic Lantern F1</strong></td>
<td>Classic, upright, dark orange pumpkins with medium ribs are set close to the plant crown. Restricted vining makes this a good choice for small spaces. Extremely powdery mildew tolerant.</td>
<td>2,200</td>
<td>115</td>
</tr>
<tr>
<td><strong>Mini Harvest Blend F1</strong></td>
<td>Multi-color trio of mini-pumpkins includes orange with green handles; white with green markings; and orange/white with green markings. Good for ornamental and edible use.</td>
<td>5,900</td>
<td>90-100</td>
</tr>
<tr>
<td><strong>Mrs. Wrinkles F1</strong></td>
<td>Attention-grabbing novelty pumpkins have deep wrinkled ribs; burnt orange color; and strong, dark green handles. A real standout from traditional Jack O’Lanterns.</td>
<td>2,700</td>
<td>100</td>
</tr>
<tr>
<td><strong>Small Sugar</strong></td>
<td>Available as organic seed. Heirloom variety is dark orange and lightly ribbed. Productive, easy to grow.</td>
<td>3,600</td>
<td>100</td>
</tr>
</tbody>
</table>
### PUMPKIN continued

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Super Moon F1</strong></td>
<td>1,800</td>
<td>90</td>
<td>25-30 lb. (11-13.6 kg)</td>
</tr>
<tr>
<td>Features an appealing ghostly white coloration on large, blemish-free, round pumpkins. Grown for their large size and their clean white color, these hardy plants are known for early fruit development and vigorous growth. Tough stems, hardy and disease-resistant. All-America Selections Regional Winner (Southeast, Great Lakes).</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Warty Goblin F1</strong></td>
<td>4,000</td>
<td>105</td>
<td>8-20 lb. (3.6-9 kg)</td>
</tr>
<tr>
<td>Heavily-warted, hard shell pumpkin has a round/flat shape. Intermediate resistance to powdery mildew. Productive; stores well.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Wee-B-Little</strong></td>
<td>5,900</td>
<td>120</td>
<td>8-16 oz. (227-454 g)</td>
</tr>
<tr>
<td>Rounded mini-pumpkins are deep orange for ornamental use. High-yielding, bush-type plants are ideal for small gardens. All-America Selections National Winner.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### RADISH

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Crunchy Red</strong></td>
<td>53,000</td>
<td>25</td>
</tr>
<tr>
<td>Produces large tops and very uniform dark red, round roots. This variety is very slow to develop pith. It performs well under cool conditions. It's usually a few days earlier than standard O.P. varieties.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Easter Egg II Mix</strong></td>
<td>47,000</td>
<td>28</td>
</tr>
<tr>
<td>Novel mix produces 6 shades of red, purple and white. Adds distinctive color and delicate flavor to salads and veggie trays. Round, large and late to become pithy.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Rainbow Mix II</strong></td>
<td>50,000</td>
<td>28</td>
</tr>
<tr>
<td>Vibrant round to plum-shaped roots of purple, red/white bicolor, white, red and gold, all with crisp, white flesh and tangy flavor.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>New Starburst</strong></td>
<td>60,000</td>
<td>60</td>
</tr>
<tr>
<td>Watermelon-type radish characterized by a bright red interior and a white/green exterior. Performance will be best in most areas if seeds are planted in early Spring or Fall. Mature roots are tangerine-sized with upright, bright green foliage.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### RHUBARB

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Victoria</strong></td>
<td>31,700</td>
<td>Perennial</td>
</tr>
<tr>
<td>Excellent cooking variety is sweet and mild. Prolific green stalks with red blush are slender and tender. NOTE: Stalks can be harvested 2 years after sowing, but allow 3 years for a fully developed crop. Recommended for Summer sowing in 1-gallon pots for sales the following Spring.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### SPINACH

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bloomsdale</strong></td>
<td>35,400</td>
<td>48</td>
</tr>
<tr>
<td>Heavy, continuous yield of thick-textured, crinkled and glossy, dark green leaves. Withstands heat and cold. Slow to bolt.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Green Beret Brand of SV2157VB F1</strong></td>
<td>33,500</td>
<td>30</td>
</tr>
<tr>
<td>Dark green, semi-savoy variety can be grown as baby spinach or as large leaves. Potential for minimal cracking. High Resistant to downy mildew races 1-13, 15 and 16.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Imperial Green</strong></td>
<td>44,000</td>
<td>50-55 (Summer), 60-65 (Winter)</td>
</tr>
<tr>
<td>Asian leaf-type spinach has erect habit, long stems and dark green leaves. Better mildew resistance than similar types.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Olympia</strong></td>
<td>41,000</td>
<td>45-50</td>
</tr>
<tr>
<td>A moderate-growing, processing variety with large, smooth, elongated oval, medium green leaves. It is a bolt-tolerant variety with a preferred growing window of early Spring or late Summer. Offers high yields and multi-cuts for processing growers due to its bolt tolerance and large leaves. In addition, it has resistance to races 11-12, 14 &amp; UA4410 of downy mildew.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Seaside F1</strong></td>
<td>41,000</td>
<td>25-30</td>
</tr>
<tr>
<td>Very uniform baby-leaf variety has smooth, thick, very dark green leaves with the preferred spade shape. Upright plants have moderate bolt resistance. Also resistant to several strains of downy mildew.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**SUMMER SQUASH**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ball’s Zucchini II</td>
<td>2,700</td>
<td>48</td>
<td>Zucchini</td>
<td>7-8 in. (18-20 cm) long</td>
</tr>
<tr>
<td>Bossa Nova F1</td>
<td>3,100</td>
<td>30-45</td>
<td>Caserta zucchini</td>
<td>3.5-6 in. (9-15 cm) long</td>
</tr>
<tr>
<td>Dark Green Zucchini</td>
<td>3,100</td>
<td>45-65</td>
<td>Zucchini</td>
<td>6-8 in. (15-20 cm) long</td>
</tr>
<tr>
<td>Dixie F1</td>
<td>5,400</td>
<td>45</td>
<td>Crookneck</td>
<td>5-6 in. (13-15 cm) long</td>
</tr>
<tr>
<td>Early Summer Crookneck</td>
<td>5,900</td>
<td>45</td>
<td>Crookneck</td>
<td>8-10 in. (20-25 cm) long</td>
</tr>
<tr>
<td>EasyPick F1 Collection</td>
<td>Gold II: 5,900&lt;br&gt;Green: 2,700</td>
<td>45-50</td>
<td>Zucchini</td>
<td>Up to 10 in. (25 cm)</td>
</tr>
<tr>
<td>Eight Ball F1</td>
<td>3,600</td>
<td>35</td>
<td>Zucchini</td>
<td>3 in. (8 cm) round</td>
</tr>
<tr>
<td>Endeavor F1</td>
<td>2,700</td>
<td>45</td>
<td>Zucchini</td>
<td>7 in. (18 cm) long</td>
</tr>
<tr>
<td>Golden Zebra F1</td>
<td>4,000</td>
<td>50</td>
<td>Zucchini</td>
<td>7-8 in. (18-20 cm) long</td>
</tr>
<tr>
<td>Goldy F1</td>
<td>3,600</td>
<td>55</td>
<td>Zucchini</td>
<td>8-10 in. (20-25 cm) long</td>
</tr>
<tr>
<td>Lemon Sun F1</td>
<td>5,900</td>
<td>40-45</td>
<td>Scallop</td>
<td>4-5 in. (10-13 cm)</td>
</tr>
</tbody>
</table>

**Order** at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
### SUMMER SQUASH continued

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Multipik F1</strong></td>
<td>A Ball Ingenuity product, available exclusively through Ball Seed. Light yellow fruit on early, very prolific plants.</td>
<td>5,900</td>
<td>50</td>
<td>Straightneck</td>
<td>7.5-8 in. (19-20 cm)</td>
</tr>
<tr>
<td><strong>Noche F1</strong></td>
<td>Named for its “dark as night” skin, a popular choice in western regions. Long, glossy fruit have superior shelf life. Open, nearly spineless plants are easy to harvest. Resists Watermelon Mosaic Virus, Zucchini Yellow Mosaic Virus.</td>
<td>3,100</td>
<td>45</td>
<td>Zucchini</td>
<td>7-8 in. (18-20 cm) long</td>
</tr>
<tr>
<td><strong>Scallop Blend</strong></td>
<td>Colorful blend of 5 hybrid scallop types offers gardeners a tasty and beautiful harvest of Summer squash. Best picked small.</td>
<td>5,400</td>
<td>45-48</td>
<td>Scallop</td>
<td>2-3 in. (5-8 cm) diameter</td>
</tr>
<tr>
<td><strong>Spineless Perfection F1</strong></td>
<td>Spineless...perfected! Open, upright plants make it super easy to harvest the attractive, glossy zucchini without pain or fruit damage. Intermediate resistance to powdery mildew, Watermelon Mosaic Virus, Zucchini Yellow Mosaic Virus.</td>
<td>2,700</td>
<td>42</td>
<td>Zucchini</td>
<td>7-8 in. (18-20 cm) long</td>
</tr>
<tr>
<td><strong>Summer Surprise Mix F1</strong></td>
<td>Dark green/black, lighter green and golden yellow types of traditional zucchini, plus a unique Cacerta type and flavorful Lebanese type. All varieties produce early, uniform and heavy yields of quality fruit.</td>
<td>3,600</td>
<td>45-48</td>
<td>Assorted</td>
<td>Varies by variety</td>
</tr>
<tr>
<td><strong>Sunny Delight F1</strong></td>
<td>Semi-bush and compact plant has an open plant habit, making it easy to harvest. Pale yellow fruits have distinct scalloping and great taste.</td>
<td>7,200</td>
<td>45</td>
<td>Scallop</td>
<td>2-5 in. (6-8 cm) long</td>
</tr>
<tr>
<td><strong>Superpik</strong></td>
<td>Excellent uniformity and vigor, with high, early yields of sweet, yellow fruit that are longer than standard varieties.</td>
<td>4,900</td>
<td>55</td>
<td>Straightneck</td>
<td>7 in. (18 cm)</td>
</tr>
<tr>
<td><strong>Yellow Straight Neck Available as organic seed.</strong></td>
<td>Uniform yellow fruit on semi-open, bushy plants.</td>
<td>4,900</td>
<td>55</td>
<td>Straightneck</td>
<td>10-14 in. long (25-36 cm) x 3 in. (8 cm) wide</td>
</tr>
</tbody>
</table>

### WINTER SQUASH

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Atlas F1</strong></td>
<td>High yields of uniformly sized and shaped fruits with long, cylindrical necks and slight bulb ends. A mid-maturing variety with light cream skin and dark orange flesh.</td>
<td>4,500</td>
<td>100-110</td>
<td>Butternut</td>
<td>5-7 lb. (2-3 kg)</td>
</tr>
<tr>
<td><strong>Autumn Acorn Blend F1</strong></td>
<td>The best of all worlds! Includes Table Princess, Table Gold, White Ace and Mardi Gras for a colorful, tasty harvest.</td>
<td>4,900</td>
<td>70-105</td>
<td>Acorn</td>
<td>4-5 in. (10-13 cm) diameter</td>
</tr>
<tr>
<td><strong>New Autumn Frost F1</strong></td>
<td>A PanAmerican Seed product. Uniquely ribbed, round fruit ripens to dark tan with a frosted overlay. Fruit is similar in taste to a butternut squash, with superior quality, rich flavor and a shelf life of up to 4 months after maturity, allowing for a supply of high-quality fruit throughout the Winter season.</td>
<td>6,800</td>
<td>100-105</td>
<td>Specialty Round</td>
<td>5-7 x 5-6 in. (13-18 x 13-15 cm)</td>
</tr>
<tr>
<td>Squash Variety</td>
<td>Seed Count/lb.</td>
<td>Days</td>
<td>Type</td>
<td>Size Description</td>
<td></td>
</tr>
<tr>
<td>----------------------</td>
<td>----------------</td>
<td>-------</td>
<td>-------------</td>
<td>-----------------------------------------</td>
<td></td>
</tr>
<tr>
<td><strong>Butterbaby</strong></td>
<td>6,800</td>
<td>100-105</td>
<td>Butternut</td>
<td>4-6 in. (10-15 cm) long x 3-4 in. (8-10 cm) wide</td>
<td></td>
</tr>
<tr>
<td><strong>Buttercup Space Station</strong></td>
<td>2,700</td>
<td>90</td>
<td>Buttercup</td>
<td>7 x 4 in. (18 x 10 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Butternut Waltham</strong></td>
<td>4,900</td>
<td>90</td>
<td>Butternut</td>
<td>9 in. (23 cm) long x 4.5 in. (10-13 cm) wide</td>
<td></td>
</tr>
<tr>
<td><strong>Butterscotch F1</strong></td>
<td>6,300</td>
<td>85</td>
<td>Butternut</td>
<td>6 in. (15 cm) long x 3 in. (8 cm) wide</td>
<td></td>
</tr>
<tr>
<td><strong>Early Butternut F1</strong></td>
<td>5,400</td>
<td>82</td>
<td>Butternut</td>
<td>10-12 in. (25-30 cm) long</td>
<td></td>
</tr>
<tr>
<td><strong>Honeybaby F1</strong></td>
<td>5,900</td>
<td>90 from direct sow</td>
<td>Butternut</td>
<td>4-8 oz. (113-227 g)</td>
<td></td>
</tr>
<tr>
<td><strong>Honeynut</strong></td>
<td>5,900</td>
<td>105-110</td>
<td>Butternut</td>
<td>4-5 in. (10-13 cm) long</td>
<td></td>
</tr>
<tr>
<td><strong>Kurihomare F1</strong></td>
<td>3,100</td>
<td>100 days from direct sow</td>
<td>Kabocha</td>
<td>4.5-5.5 lb. (2-2.5 kg)</td>
<td></td>
</tr>
<tr>
<td><strong>Primavera F1</strong></td>
<td>3,600</td>
<td>90-95</td>
<td>Spaghetti</td>
<td>5.5 x 10 in. (14 x 25 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Sweet Mama</strong></td>
<td>3,600</td>
<td>45-50</td>
<td>Kabocha</td>
<td>4.4-5 lb. (1.8-2 kg)</td>
<td></td>
</tr>
<tr>
<td><strong>Table Ace</strong></td>
<td>4,500</td>
<td>70</td>
<td>Acorn</td>
<td>4.5 x 5.5 in. (11 x 14 cm)</td>
<td></td>
</tr>
</tbody>
</table>
**WINTER SQUASH continued**

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Taybelle PM</td>
<td>4,500</td>
<td>72</td>
<td>Acom</td>
</tr>
<tr>
<td>High-quality acorn squash matures from dark green to jet black. With Intermediate Resistance to powdery mildew, high planting density and high yield potential, it’s an easy plant to keep and excellent when baked.</td>
<td></td>
<td></td>
<td>6-7 in. (15-18 cm)</td>
</tr>
<tr>
<td>Tivoli F1</td>
<td>3,600</td>
<td>98</td>
<td>Spaghetti</td>
</tr>
<tr>
<td>First bush-type spaghetti squash – short vines make this a real spacesaver! Smooth, light yellow exterior with creamy, easy-to-shred flesh. All-America Selections National Winner.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vegetable Spaghetti F1</td>
<td>3,100</td>
<td>100</td>
<td>Spaghetti</td>
</tr>
<tr>
<td>Available as organic seed. Oblong, mid-size yellow fruits. Tasty, pasta-like interior. Harvested in late Summer/Fall, can be stored several months in a cool/dry location.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**STRAWBERRY**

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berri Basket F1 Series</td>
<td>75-85</td>
</tr>
<tr>
<td>Available as Ball Premier Line® seed. Well-suited to baskets, the everbearing, compact and bushy plants bear large, deep red, full-flavored berries until first frost. Hardy to USDA Zone 4.</td>
<td></td>
</tr>
<tr>
<td>• Hot Pink (Frisan)</td>
<td>Hot Pink: 384,000</td>
</tr>
<tr>
<td>Intense pink flowers, mid-green leaves.</td>
<td>Pink II: 467,000</td>
</tr>
<tr>
<td>• Pink II</td>
<td>Rose: 383,000</td>
</tr>
<tr>
<td>• Rose (Tarpan)</td>
<td>Ruby Ann: 357,000</td>
</tr>
<tr>
<td>Deep rose, semi-double flowers; mid-green leaves.</td>
<td>White: 358,000</td>
</tr>
<tr>
<td>• Ruby Ann</td>
<td></td>
</tr>
<tr>
<td>Sensational ruby red flowers are followed by sweet, mid-sized berries all Summer.</td>
<td></td>
</tr>
<tr>
<td>• White (Elian)</td>
<td></td>
</tr>
<tr>
<td>White flowers; shiny, deep green leaves.</td>
<td></td>
</tr>
<tr>
<td>Berries Galore F1 Series</td>
<td>75</td>
</tr>
<tr>
<td>Available as Ball Premier Line® seed. Everbearing runner variety. In full sun, large fruit can be harvested every 3 to 4 days. Shiny, deep green leaves; large, early blooms. Sell in flower in 3.5 to 5-in. (9 to 13-cm) pots. Hardy to USDA Zone 4.</td>
<td></td>
</tr>
<tr>
<td>• Pink (Merlan) • Rose (Tristan) • White (Loran)</td>
<td>Pink: 375,000</td>
</tr>
<tr>
<td>Gasana</td>
<td>Rose: 360,000</td>
</tr>
<tr>
<td>Deep pink flowers and bright red berries.</td>
<td>White: 384,000</td>
</tr>
<tr>
<td>• Montana</td>
<td></td>
</tr>
<tr>
<td>Snow white blooms.</td>
<td></td>
</tr>
<tr>
<td>• Toscana</td>
<td></td>
</tr>
<tr>
<td>Deep rose flowers.</td>
<td></td>
</tr>
<tr>
<td>Berries Hill F1 Series</td>
<td>80-85</td>
</tr>
<tr>
<td>Available as Ball Premier Line® seed. Medium-vigor runner series is a great choice for hanging baskets. Hardy to USDA Zone 4.</td>
<td></td>
</tr>
<tr>
<td>• Gasana</td>
<td>Gasana: 367,000</td>
</tr>
<tr>
<td>Deep pink flowers and bright red berries.</td>
<td>Montana: 497,000</td>
</tr>
<tr>
<td>• Montana</td>
<td>Toscana: 389,000</td>
</tr>
<tr>
<td>Snow white blooms.</td>
<td></td>
</tr>
<tr>
<td>Delizz F1</td>
<td>120</td>
</tr>
<tr>
<td>Available as Ball Premier Line® seed. Vigorous strawberry plants are easy to grow and produce an abundant yield of sweet berries throughout the Summer. Uniform, compact size with few runners and many upright flower trusses. Perfect for containers, hanging baskets or garden beds. Hardy to USDA Zone 3. All-America Selections National Winner.</td>
<td></td>
</tr>
<tr>
<td>Mignonnette</td>
<td>1,400,000</td>
</tr>
<tr>
<td>Compact, wood alpine-type is well-suited to baskets and containers. Easy to grow and runnerless; produces small leaves and white flowers with fragrant, sweet, 1-in. (3-cm) fruits all season. Hardy to USDA Zone 3.</td>
<td>80</td>
</tr>
<tr>
<td>Summer Breeze Series F1</td>
<td>100</td>
</tr>
<tr>
<td>Available as Ball Premier Line® seed. Rose-shaped double flowers are real eye-catchers! Rose gets a companion in NEW Snow, with double white flowers that resemble a snow shower in Summer and don’t stop blooming until Fall. Aromatic, medium-sized, conical bright red fruit is produced on both all season long.</td>
<td>Rose: 451,000</td>
</tr>
<tr>
<td>• Rose • New Snow</td>
<td>Snow: 451,000</td>
</tr>
</tbody>
</table>

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**SWISS CHARD**

<table>
<thead>
<tr>
<th>Name</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bali</strong></td>
<td>29,500</td>
<td>55 Baby: 35-40</td>
<td>Vigorous plants produce dark green leaves with contrasting dark red stems. Robust and healthy with good regrowth.</td>
</tr>
<tr>
<td><strong>Bright Lights</strong></td>
<td>26,300</td>
<td>60 Baby: 55-60</td>
<td>Unique yellow, gold, orange, pink, violet, green and striped stems, plus standard red and white. Mild flavor. Tender, bronze or dark green leaves. Good ornamental. <em>All-America Selections National Winner.</em></td>
</tr>
<tr>
<td><strong>Eldorado</strong></td>
<td>16,700</td>
<td>55-60 Baby: 55-60</td>
<td>Attractive, smooth, glossy green leaves have strong gold stem and vein coloring. Frost tolerant, vigorous and very slow to bolt.</td>
</tr>
<tr>
<td><strong>Fire Fresh</strong></td>
<td>29,900 Baby: 25-35</td>
<td>60</td>
<td>Bright red petioles and medium dark green leaves make it a great choice for baby leaf or spring mix growers. It has a moderate to fast growth rate and an upright plant habit. Round-to-oval leaves have a slight texture. Intermediate resistance to downy mildew.</td>
</tr>
<tr>
<td><strong>Fordhook Giant</strong></td>
<td>24,900</td>
<td>60</td>
<td>A fast-growing variety featuring white petioles with large, semi-savoy, green leaves, bolt tolerant with an upright plant habit.</td>
</tr>
<tr>
<td><strong>Northern Lights Mix</strong></td>
<td>28,600</td>
<td>59</td>
<td>Produces good yields of swiss chard with multicolor stems in vibrant red, magenta, gold and white. Excellent for salads and steamed with other greens.</td>
</tr>
<tr>
<td><strong>Peppermint</strong></td>
<td>24,900</td>
<td>55-63</td>
<td>This one is all about eye-candy...the white petioles with pink stripes from top to bottom plus glossy, dark green savoy leaves. Very uniform and bolt-tolerant. Makes a great addition to fall color bowls and landscapes.</td>
</tr>
<tr>
<td><strong>Rhubarb</strong></td>
<td>35,400</td>
<td>60</td>
<td>Features dark red petioles and dark green, savoy leaves, with an upright plant habit and a moderate bolt tolerance.</td>
</tr>
<tr>
<td><strong>Silverado</strong></td>
<td>36,000</td>
<td>60</td>
<td>A slow growing Swiss chard with white petioles paired with dark green, glossy leaves; bolt tolerant with an upright plant habit.</td>
</tr>
</tbody>
</table>

**TOMATILLO**

<table>
<thead>
<tr>
<th>Name</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Grande Rio Verde</strong> Available as organic seed.</td>
<td>331,000 75</td>
</tr>
<tr>
<td><strong>Super Verde F1</strong></td>
<td>246,000 75</td>
</tr>
<tr>
<td><strong>Tamayo F1</strong></td>
<td>321,000 65</td>
</tr>
</tbody>
</table>

Order all the products in this catalog using **WebTrack®**.

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
Ball Seed is working hard to make sure the seed you receive has been tested for seedborne diseases. All Kale, Flowering Kale, Pepper, Ornamental Pepper and Tomato seed is tested according to the International Seed Health Initiative (ISHI) guidelines.

**TOMATO**

All tomatoes are sold as defuzzed seed. Many tomatoes are also available as easy-to-sow Ball Premier Line® seed.

**Growth:**
- **I:** Indeterminate (pole or stake type). Blossoms and fruit develop progressively, and the harvest lasts several months; best when staked.
- **D:** Determinate (bush type). Blossoms and fruit develop on the vine at the same time. The harvest time is short – typically 2 to 3 weeks. Plants are self-topping and seldom need staking; best when caged.

**Disease Resistance:**
- **HR:** High Resistance
- **IR:** Intermediate Resistance
- **A:** Alternaria stem canker
- **F1:** Fusarium Wilt Race 1
- **F1&2:** Fusarium Wilt Races 1 & 2
- **LB:** Late blight
- **N:** Nematodes
- **S:** Gray Leaf Spot
- **St:** Stemphylium
- **TMV:** Tobacco Mosaic Virus
- **ToMV:** Tomato Mosaic Virus
- **TSWV:** Tomato Spotted Wilt Virus
- **V:** Verticillium

### BEEFSTEAK TOMATO

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
<th>Size</th>
<th>Growth</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Beefmaster F1</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Available as Ball Premier Line® seed</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Good-flavored fruit is tolerant of cracking and peeling.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>192,000</td>
<td>81</td>
<td>Red</td>
<td>12-16 oz. (340-454 g)</td>
<td>I</td>
<td>HR: A, F1, S, V</td>
</tr>
</tbody>
</table>

| **New Buffalosteak**       |      |       |      |        |                   |
| The classic variety grown for their flavor and size. Large red fruits are perfect for tomato sandwiches or any tomato recipe where you need a rich, full-flavored tomato. |      |       |      |        |                   |
| 172,000                   | 85   | Red   | 1-2 lb. (453-907 g) | I     | –     |

| **Big Beef F1**            |      |       |      |        |                   |
| Available as Ball Premier Line® seed |      |       |      |        |                   |
| Beefmaster type with twice the yields. All-America Selections Classic Variety. |      |       |      |        |                   |
| 144,000                   | 73   | Red   | 10-12 oz. (284-340 g) | I     | HR: A, F1, S, V   |

| **Big Brandy F1**          |      |       |      |        |                   |
| A PanAmerican Seed product. |      |       |      |        |                   |
| See Heirloom Marriage™ Collection, page 270. |      |       |      |        |                   |
| 166,000                   | 75   | Red   | 6 oz. (170 g) | I     | HR: F, ToMV 1, V1 |

| **New Buffalosteak F1**    |      |       |      |        |                   |
| 2020 All-America Selections Regional Winner (Northeast, Southeast) is high yielding and has less cracking. Unique yellow and red/orange flame coloration on the outside results in a nicely marbled, heirloom-look interior. Meaty flesh has few seeds. |      |       |      |        |                   |
| 150,000                   | 70   | Yellow/ red/orange | 18-24 oz. (510-680 g) | I     | HR: F1-3, V1, IR: LB, TSWV |

| **Carolina Gold F1**       |      |       |      |        |                   |
| Strong plants bear large to extra-large, smooth and flavorful, golden yellow fruit through the season. Crack-tolerant. |      |       |      |        |                   |
| 179,000                   | 75   | Gold  | 7.5-10 oz. (213-284 g) | D     | F1&2, V |

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
### BEEFSTEAK TOMATO continued

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
<th>Size (g)</th>
<th>Growth</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Damsel F1</strong></td>
<td>Compact pink beefsteak tomato variety. Damsel offers outstanding heirloom flavor with uniform fruits.</td>
<td>146,000</td>
<td>73</td>
<td>Pink</td>
<td>12 oz. (340 g)</td>
<td>I</td>
<td>LB, N, V</td>
</tr>
<tr>
<td><strong>New Galahad F1</strong></td>
<td>2020 All-America Selections Regional Winner (Heartland, West/Northwest) is a high-yielding, great-tasting tomato that grows on a strong, sturdy plant.</td>
<td>125,000</td>
<td>75</td>
<td>Red</td>
<td>12 oz. (340 g)</td>
<td>Compact D</td>
<td>F1-3, LB, N, S, TSWV, V</td>
</tr>
<tr>
<td><strong>Henderson's Pink Ponderosa</strong></td>
<td>Indeterminate plant produces high yields of 1 to 2-lb. (0.5 to 1-kg) pinkish-red beefsteak tomatoes that are very sweet, meaty, juicy and almost seedless.</td>
<td>205,000</td>
<td>85-90</td>
<td>Pink</td>
<td>2 lb. (0.9 kg)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td><strong>New Jamestown F1</strong></td>
<td>A robust tomato plant with good heat set ability. High yield potential. Fruit display deep red flesh and gel color due to crimson gene.</td>
<td>157,000</td>
<td>80-85</td>
<td>Red</td>
<td>8-10 oz. (225-275 g)</td>
<td>D</td>
<td>HR: A, F1&amp;2, S, V1</td>
</tr>
<tr>
<td><strong>Mountain Rouge F1</strong></td>
<td>Indeterminate plant produces beefsteaks with excellent flavor. All-America Selections Regional Winner.</td>
<td>160,000</td>
<td>73</td>
<td>Red</td>
<td>12-14 oz. (340-397 g)</td>
<td>I</td>
<td>F1, LB, N, V</td>
</tr>
<tr>
<td><strong>Pink-A-Licious</strong></td>
<td>The perfect balance of sugars and acid, with a sweet yet slightly tangy, excellent flavor. Matures to rosy-pink. Strong plant vigor with good coverage supports and protects the high-yielding concentrated fruit set.</td>
<td>159,000</td>
<td>73</td>
<td>Pink</td>
<td>7.7 oz. (218 g)</td>
<td>D</td>
<td>F1, S, ToMV, V</td>
</tr>
<tr>
<td><strong>Supersteak Hybrid F1</strong></td>
<td>Available as Ball Premier Line® seed. A favorite among home gardeners! Smooth skin and meaty texture make it perfect for sandwiches – one slice covers the whole thing.</td>
<td>159,000</td>
<td>80</td>
<td>Red</td>
<td>Up to 2 lb. (0.9 kg)</td>
<td>I</td>
<td>F1, N, V</td>
</tr>
<tr>
<td><strong>Tidy Rose F1</strong></td>
<td>A PanAmerican Seed product. Deep pink beefsteak is a companion to popular Tidy Treats – both remain compact like a determinate but unlike other patio types, plants produce all season like an indeterminate. Beautiful ribbed fruit with rich heirloom flavor is perfect for any culinary use. Best in containers and in-ground with support.</td>
<td>195,000</td>
<td>60-65</td>
<td>Pink</td>
<td>5-7 oz. (142-198 g)</td>
<td>Compact I</td>
<td>–</td>
</tr>
</tbody>
</table>
**SLICER TOMATO**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
<th>Size</th>
<th>Growth</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bella Rosa F1</td>
<td>168,000</td>
<td>74</td>
<td>Crimson</td>
<td>7.5-9.5 oz. (213-269 g)</td>
<td>D</td>
<td>HR: A, F1&amp;2, V1, IR: S, TSWV</td>
</tr>
<tr>
<td>Better Boy F1</td>
<td>133,000</td>
<td>75</td>
<td>Red</td>
<td>8 oz. (227 g)</td>
<td>I</td>
<td>HR: A, F1, S, V1, IR: N</td>
</tr>
<tr>
<td>Better Bush F1</td>
<td>144,000</td>
<td>68</td>
<td>Red</td>
<td>5 oz. (142 g)</td>
<td>D –</td>
<td></td>
</tr>
<tr>
<td>Bitmore F1</td>
<td>148,000</td>
<td>80-90</td>
<td>Red</td>
<td>8–10 oz. (227–284 g)</td>
<td>I</td>
<td>HR: A, F1&amp;2, S, V1</td>
</tr>
<tr>
<td>Burpee’s Big Boy F1</td>
<td>168,000</td>
<td>78</td>
<td>Red</td>
<td>9–9 oz. (220–340 g)</td>
<td>I</td>
<td>HR: A</td>
</tr>
<tr>
<td>Bush Champion II F1</td>
<td>175,000</td>
<td>65</td>
<td>Red</td>
<td>9-12 oz. (255-340 g)</td>
<td>D</td>
<td>HR: A, F1&amp;2, St, ToMV 1,2, V1</td>
</tr>
<tr>
<td>Bush Early Girl F1</td>
<td>231,000</td>
<td>63</td>
<td>Red</td>
<td>6.5-7.5 oz. (184-213 g)</td>
<td>D</td>
<td>A, F1&amp;2, N, TMV, V</td>
</tr>
<tr>
<td>Camaro</td>
<td>169,000</td>
<td>72-75</td>
<td>Crimson</td>
<td>7-9 oz. (198-255 g)</td>
<td>D</td>
<td>A, F1-3, S, Tomato yellow leaf curl virus, V1</td>
</tr>
<tr>
<td>Carmello F1</td>
<td>140,000</td>
<td>75</td>
<td>Red</td>
<td>10-12 oz. (284-340 g)</td>
<td>I</td>
<td>HR: F1, S, ToMV 1,2, V, IR: N</td>
</tr>
</tbody>
</table>

*Better Boy F1 Available as Ball Premier Line® seed. Our most popular all-around hybrid has high yields of smooth fruit with excellent flavor.*

*Better Bush F1 Available as Ball Premier Line® seed. Compact plants grow just 3 to 3.5 ft. (91 cm to 1.2 m) tall, making them ideal for containers and small-space gardens. Globe-shaped tomatoes have green shoulders. Sweet flavor is perfect for salads.*

*Bitmore F1 Mid-season variety produces a high yield of large, uniform, firm fruit with smooth skin and excellent flavor.*

*Burpee’s Big Boy® F1 Available as Ball Premier Line® seed. Vigorous, heavy-foliaged, indeterminate plant with large, deep oblate, smooth red fruit.*

*Bush Champion II F1 A Ball Ingenuity product, available exclusively through Ball Seed. Available as Ball Premier Line® seed. Big, meaty fruit on extra-early, compact, 24-in. (61 cm) plants. Slightly more productive and widely adapted. Can be grown staked, but not essential.*

*Bush Early Girl F1 A Ball Ingenuity product, available exclusively through Ball Seed. Available as Ball Premier Line® seed. Early-maturing, determinate tomato with a compact plant and uniform fruit. Excellent flavor.*

*Camaro Produces early maturing, extra-large and firm red globe-shaped fruit, on mid-compact determinate plants. Setting and size is good through the plant with final yield potential being high. Due to the plant habit, pruning is either unnecessary or should be low. The deep red fruit have smooth shoulders and perform well for both vine-ripe or for mature green gassing.*

*Carmello F1 High-yielding French slicing variety has good sugar/acid balance, round shape, juicy interior and crack-resistant skin. Produces clusters of 5 to 7 fruit.*
### SLICER TOMATO continued

<table>
<thead>
<tr>
<th>Variety</th>
<th>Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
<th>Size</th>
<th>Growth</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Celebrity F1</strong> Available as Ball Premier Line® seed. Large, glossy tomatoes with light green shoulders. Can be grown in cages or in the ground. Produces smooth large, deep oblate fruit with a vigorous plant. Highly productive plants have high yield potential. Outstanding flavor. All-America Selections National Winner.</td>
<td>119,000</td>
<td>70-75</td>
<td>Red</td>
<td>7-11 oz. (201-300 g)</td>
<td>D</td>
<td>F1&amp;2, N, TMV, V</td>
</tr>
<tr>
<td><strong>Champion II F1</strong> A Ball Ingenuity product, available exclusively through Ball Seed. Available as Ball Premier Line® seed. Highly attractive fruits on a vigorous plant with dark green leaves. Round-globular fruit, slightly flattened and ribbed.</td>
<td>150,000</td>
<td>65</td>
<td>Red</td>
<td>6-8 oz. (180-220 g)</td>
<td>I</td>
<td>HR: A; F; ToMV 1,2; V IR: N</td>
</tr>
<tr>
<td><strong>Early Girl F1</strong> A Ball Ingenuity product, available exclusively through Ball Seed. Available as Ball Premier Line® seed. Early slicing variety produces all Summer.</td>
<td>162,000</td>
<td>60</td>
<td>Red</td>
<td>4-6 oz. (113-170 g)</td>
<td>I</td>
<td>HR: A; F; St; V</td>
</tr>
<tr>
<td><strong>New Early Resilience F1</strong> 2020 All-America Selections National Winner is a rounded Roma with a deep red interior color, uniform maturity and good quality interior for canning and cooking. Bushy plants can be staked but it is not necessary.</td>
<td>185,000</td>
<td>115</td>
<td>Red</td>
<td>3-3.5 oz. (85-99 g)</td>
<td>D</td>
<td>IR: A, F2, St, V1</td>
</tr>
<tr>
<td><strong>Florida 91 Hybrid F1</strong> Available as Ball Premier Line® treated seed. Produces extra large, 10-oz. (283-g), smooth, round tomatoes. Strong, healthy vines are determinate and have heat-set capabilities.</td>
<td>182,000</td>
<td>72</td>
<td>Red</td>
<td>10 oz. (283 g)</td>
<td>D</td>
<td>A, S</td>
</tr>
<tr>
<td><strong>Genuwine F1</strong> A PanAmerican Seed product. See Heirloom Marriage™ Collection, page 270.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Heatmaster</strong> Determinate hybrid heat-tolerant plant produces oblong fruits perfect for salads.</td>
<td>332,000</td>
<td>75</td>
<td>Red</td>
<td>7 oz. (198 g)</td>
<td>D</td>
<td>A; F1; LB; N; TMV, V</td>
</tr>
<tr>
<td><strong>Homeslice F1</strong> A PanAmerican Seed product. Round red slicer has true tomato flavor. Early, very productive variety makes small plants that fit into containers and small gardens.</td>
<td>142,000</td>
<td>60-65</td>
<td>Red</td>
<td>5-6 oz. (142-170 g)</td>
<td>D</td>
<td>F1, V</td>
</tr>
<tr>
<td><strong>Husky Red F1</strong> Available as Ball Premier Line® seed. Upright plants; grow staked or caged without pinching. The dwarf-type plant is dark, distinguishable and compact, fitting perfectly into pots for container gardens. Produces medium to large fruit.</td>
<td>211,000</td>
<td>78</td>
<td>Red</td>
<td>7-8 oz. (198-227 g)</td>
<td>I</td>
<td>HR: A; F1&amp;2; S; V1</td>
</tr>
<tr>
<td><strong>Jet Star F1</strong> A Ball Ingenuity product, available exclusively through Ball Seed. Available as Ball Premier Line® seed. High yields of globe-shaped fruit with great color.</td>
<td>180,000</td>
<td>72</td>
<td>Red</td>
<td>6-8 oz. (170-227 g)</td>
<td>I</td>
<td>F1, V</td>
</tr>
</tbody>
</table>

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
<table>
<thead>
<tr>
<th>Slicer Tomato</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
<th>Size</th>
<th>Growth</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lemon Boy F1</td>
<td>143,000</td>
<td>72</td>
<td>Yellow</td>
<td>7 oz. (198 g)</td>
<td>I</td>
<td>HR: A; F1; Leaf mold, S; V1 IR: N</td>
</tr>
<tr>
<td>Little Sicily F1</td>
<td>156,000</td>
<td>60-65</td>
<td>Red</td>
<td>3-4 oz. (85-113 g)</td>
<td>Compact D</td>
<td>–</td>
</tr>
<tr>
<td>Mountain Merit F1</td>
<td>167,000</td>
<td>75</td>
<td>Red</td>
<td>10-12 oz. (284-340 g)</td>
<td>D</td>
<td>HR: F, N, TSWV, V IR: LB</td>
</tr>
<tr>
<td>Patio F1</td>
<td>161,000</td>
<td>70</td>
<td>Red</td>
<td>4 oz. (113 g)</td>
<td>D</td>
<td>HR: A; F1; S</td>
</tr>
<tr>
<td>Phoenix F1</td>
<td>174,000</td>
<td>92</td>
<td>Red</td>
<td>10-12 oz. (284-340 g)</td>
<td>D</td>
<td>HR: A; F1&amp;2; S; V1</td>
</tr>
<tr>
<td>Pink Girl F1</td>
<td>141,000</td>
<td>76</td>
<td>Pink</td>
<td>8 oz. (227 g)</td>
<td>I</td>
<td>HR: A, F1, S, V1</td>
</tr>
<tr>
<td>Premio F1</td>
<td>161,000</td>
<td>68</td>
<td>Red</td>
<td>4 oz. (113 g)</td>
<td>I</td>
<td>HR: F1&amp;2; Leaf mold, ToMV 1,2 IR: S</td>
</tr>
<tr>
<td>Purple Boy F1</td>
<td>157,000</td>
<td>80</td>
<td>Purple/red</td>
<td>6.5 oz. (190 g)</td>
<td>I</td>
<td>HR: F1; N; ToMV 1,2; TMV 1,2; V</td>
</tr>
<tr>
<td>Rugged Boy</td>
<td>150,000</td>
<td>75</td>
<td>Red</td>
<td>6-8 oz. (170-227 g)</td>
<td>D</td>
<td>HR: F1; S; ToMV 1,2; TMV 1,2; V IR: LB, N</td>
</tr>
</tbody>
</table>
### SLICER TOMATO continued

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
<th>Size</th>
<th>Growth</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Skyreacher F1</strong></td>
<td>179,000</td>
<td>79</td>
<td>Red/purple striped</td>
<td>4-6 oz. (113-170 g)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td><strong>Stellar F1</strong></td>
<td>155,000</td>
<td>70-75</td>
<td>Red</td>
<td>5-7 oz. (142-198 g)</td>
<td>D</td>
<td>HR: F2, LB, V IR: EB, S</td>
</tr>
<tr>
<td><strong>Super Fantastic F1</strong></td>
<td>140,000</td>
<td>70</td>
<td>Red</td>
<td>10 oz. (284 g)</td>
<td>I</td>
<td>HR: A, F1&amp;2, S, ToMV, S, V1 IR: N</td>
</tr>
<tr>
<td><strong>Supersonic F1</strong></td>
<td>170,000</td>
<td>70</td>
<td>Red</td>
<td>6-8 oz. (170-227 g)</td>
<td>I</td>
<td>F1, V</td>
</tr>
<tr>
<td><strong>New Wisconsin 55</strong></td>
<td>231,000</td>
<td>75</td>
<td>Red</td>
<td>6-8 oz. (170-227 g)</td>
<td>Semi-D</td>
<td>EB, S</td>
</tr>
</tbody>
</table>

**Skyreacher F1** Strong branches bear small, round slicers with beautiful, striped red-purple exterior. Grows blemish-free and split-resistant, performing well in a variety of conditions.

**Stellar F1** A PanAmerican Seed product. High yields of round, red, slicing tomatoes. Highest level of disease resistance occurs when planted apart from other tomatoes. Best in-ground; benefits from trellis for support.

**Super Fantastic F1** A Ball Ingenuity product, available exclusively through Ball Seed. Available as Ball Premier Line® seed. Produces high yields of solid, meaty, smooth-skinned fruit all Summer.

**Supersonic F1** A Ball Ingenuity product, available exclusively through Ball Seed. Available as Ball Premier Line® seed. Heavy yields of great-tasting fruit.

**New Wisconsin 55** Large deep red fruits resist shoulder cracks and blossom end rot, ripen evenly and have strong skin and solid flesh.

Order at ballseed.com/webtrack, 800-879-BALL or fax: 800-234-0370
### 'Health Kick' F1
*Available as Ball Premier Line® seed.* Up to 50% more lycopene than standard tomatoes.* Very high-yielding with sweet, bright red plum tomatoes. Vigorous plants grow up to 4 ft. (1.2 m) tall if staked. 

- **Approximate Seed Count/lb.:** 162,000
- **Days:** 72
- **Color:** Red
- **Size:** 4 oz. (113 g)
- **Growth:** D
- **Disease Resistance:** HR: A, F1&2, S, TSWV, V1
- **IR:** Bacterial speck

*Based on vegetables grown under our trial conditions and harvested when ripe. Actual harvest results may vary.

### Invincible F1
Stands up to Summer heat and rain, maturing early and continuing to set uniform fruit throughout the season on vigorous, mid-size, determinate plants.

- **Approximate Seed Count/lb.:** 188,000
- **Days:** 65-70
- **Color:** Red
- **Size:** 4-6 oz. (113-170 g)
- **Growth:** D
- **Disease Resistance:** LB

### La Roma III Red F1
*A Ball Ingenuity product, available exclusively through Ball Seed.*

*Available as Ball Premier Line® seed.* Large, tasty, pear-shaped fruit on large, vigorous plants. NOTE: Trialing is recommended in areas with short growing season; maturity and yield may be adversely affected under some conditions compared to the original.

- **Approximate Seed Count/lb.:** 151,000
- **Days:** 76
- **Color:** Red
- **Size:** 5-8 oz. (142-227 g)
- **Growth:** D
- **Disease Resistance:** HR: A; F0,1; S; V0
- **IR:** Bacterial speck, N

### Little Napoli F1
*A PanAmerican Seed product.* One of the only patio romas, with disease resistance for better garden success. Small, 12 to 18-in. (30 to 46-cm) tall plant is high-yielding — harvest enough at one time for a batch of salsa or sauce. Well-suited to patio planters.

- **Approximate Seed Count/lb.:** 163,000
- **Days:** 60-65
- **Color:** Red
- **Size:** 2-2.5 oz. (57-71 g)
- **Growth:** Compact D
- **Disease Resistance:** F1, V

---

**La Roma III Red**

**Invincible**

**Little Napoli**

**Marzinera F1**
*A PanAmerican Seed product.* See Heirloom Marriage™ Collection, page 270.

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
**Perfect Flame F1** A PanAmerican Seed product. See Heirloom Marriage™ Collection, page 270.

<table>
<thead>
<tr>
<th>Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
<th>Size</th>
<th>Growth</th>
<th>Disease</th>
</tr>
</thead>
<tbody>
<tr>
<td>185,000</td>
<td>78</td>
<td>Red</td>
<td>2 oz. (57 g)</td>
<td>D</td>
<td>–</td>
</tr>
</tbody>
</table>

**Roma VF** Available as Ball Premier Line® seed and as organic seed. Bright red, plum-shaped fruit.

<table>
<thead>
<tr>
<th>Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
<th>Size</th>
<th>Growth</th>
<th>Disease</th>
</tr>
</thead>
<tbody>
<tr>
<td>207,000</td>
<td>70-80</td>
<td>Red</td>
<td>5-8 oz. (142-227 g)</td>
<td>I</td>
<td>–</td>
</tr>
</tbody>
</table>

**San Marzano** Available as Ball Premier Line® seed and as organic seed. Heirloom. Early, large, plum-shaped roma tomato is a sweet, classic Italian paste variety. Very productive and high yielding.

<table>
<thead>
<tr>
<th>Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
<th>Size</th>
<th>Growth</th>
<th>Disease</th>
</tr>
</thead>
<tbody>
<tr>
<td>167,000</td>
<td>55-60</td>
<td>Orange</td>
<td>3-4 oz. (85-113 g)</td>
<td>D</td>
<td>F1, V</td>
</tr>
</tbody>
</table>

**Sunrise Sauce F1** A PanAmerican Seed product. The only professional non-heirloom orange roma/paste/cooking tomato on the market. Ideal for small-space gardens and large containers. Yields large amounts of easy-to-peel tomatoes that are sweet and meaty, with a taste like traditional romas. Best in-ground.

<table>
<thead>
<tr>
<th>Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
<th>Size</th>
<th>Growth</th>
<th>Disease</th>
</tr>
</thead>
<tbody>
<tr>
<td>216,000</td>
<td>68-70</td>
<td>Red</td>
<td>6-8 oz. (170-227 g)</td>
<td>D</td>
<td>HR: Bacterial speck, F1-3, N, V1 IR: TSWV</td>
</tr>
</tbody>
</table>

**Supremo F1** Compact plants yield many uniform, elongated, extra-large fruit that are firm and red. Concentrated production period. Widely adapted; sets well in hot weather.

<table>
<thead>
<tr>
<th>Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
<th>Size</th>
<th>Growth</th>
<th>Disease</th>
</tr>
</thead>
<tbody>
<tr>
<td>330,000</td>
<td>70</td>
<td>Red/yellow striped</td>
<td>1.5 in. (4 cm)</td>
<td>D</td>
<td>–</td>
</tr>
</tbody>
</table>

**Sweet Casady** Small, red-and-yellow-striped, elongated plum tomatoes are very sweet. Good for fresh eating, canning and making paste. Suited for gardens, large containers.

<table>
<thead>
<tr>
<th>Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
<th>Size</th>
<th>Growth</th>
<th>Disease</th>
</tr>
</thead>
<tbody>
<tr>
<td>200,000</td>
<td>70-75</td>
<td>Red</td>
<td>4-5 oz. (110-140 g)</td>
<td>Compact</td>
<td>HR: A, F1-3, V1 IR: TSWV</td>
</tr>
</tbody>
</table>

**New Venti Salad F1** A Ball Ingenuity product, available exclusively through Ball Seed. Extra-large fruited plant with good fruit quality. Mid-early maturity. Fruit is blocky, oval in shape, uniform and very firm with good color. The plant is compact but productive.

<table>
<thead>
<tr>
<th>Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
<th>Size</th>
<th>Growth</th>
<th>Disease</th>
</tr>
</thead>
<tbody>
<tr>
<td>147,000</td>
<td>75</td>
<td>Red</td>
<td>3-3.7 oz. (85-105 g)</td>
<td>D</td>
<td>HR: A, F1&amp;2, S, V1 IR: Bacterial speck, N</td>
</tr>
</tbody>
</table>
INDIGO™ SMALL-FRUITED COLLECTION

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb</th>
<th>Days</th>
<th>Color</th>
<th>Size</th>
<th>Growth</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fireball F₁</td>
<td>138,000</td>
<td>75</td>
<td>Yellow 1-1.5 oz. (28-42 g)</td>
<td>D</td>
<td>--</td>
</tr>
<tr>
<td>Kumquat F₁</td>
<td>222,000</td>
<td>75</td>
<td>Orange 1-1.5 oz. (28-42 g)</td>
<td>Semi-D</td>
<td>--</td>
</tr>
<tr>
<td>Rose</td>
<td>235,000</td>
<td>75-80</td>
<td>Red/purple 2-2.5 oz. (55-70 g)</td>
<td>I</td>
<td>--</td>
</tr>
<tr>
<td>Ruby F₁</td>
<td>220,000</td>
<td>80</td>
<td>Red 0.75-1 oz. (21-28 g)</td>
<td>D</td>
<td>--</td>
</tr>
<tr>
<td>Starburst F₁</td>
<td>146,000</td>
<td>72</td>
<td>Yellow 0.75-1 oz. (21-28 g)</td>
<td>D</td>
<td>--</td>
</tr>
</tbody>
</table>

SMALL-FRUITED TOMATO

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb</th>
<th>Days</th>
<th>Color</th>
<th>Size</th>
<th>Growth</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Artemis F₁ A PanAmerican Seed product.</td>
<td>256,000</td>
<td>50-55</td>
<td>Red 0.3-0.5 oz. (9 to 14 g)</td>
<td>I</td>
<td>HR: Leaf mold, N, S, TMV, ToMV</td>
</tr>
<tr>
<td>Braveheart Cherry tomatoes grow prolifically on medium-sized, well-behaved indeterminate plants. Fruit ripen quickly and uniformly, extending the harvest throughout the season. Sweet and juicy fruit have a thin skin and a bold, rich tomato flavor. Resists cracking.</td>
<td>249,000</td>
<td>60</td>
<td>Red 1 oz. (28 g)</td>
<td>I</td>
<td>F₁, Leaf mold, ToMV 1 IR: S</td>
</tr>
<tr>
<td>Bumble Bee Collection F₁ Available as organic seed. Three super-sweet, crack-resistant cherry varieties create a rainbow of color for fresh snacking. Plants produce all season, tolerating cool nights and hot days. • Pink Pink exterior is striped yellow and orange. • Purple Dusky purple with metallic green striping. • Sunrise Yellow with red stripes; pink interior marbling.</td>
<td>Pink: 307,000 Purple: 262,000 Sunrise: 310,000</td>
<td>70</td>
<td>Varies by variety 0.75-1 oz. (21-28 g)</td>
<td>I</td>
<td>--</td>
</tr>
<tr>
<td>Candyland Red A PanAmerican Seed product. Available as Ball Premier Line® seed. With its compact, tidy and manageable habit, Candyland Red won't take over like other sprawling varieties do. Easy to grow, earlier and easy to harvest compared to other currants. Branched trusses are accessible for more usable fruit with less damage while picking. All-America Selections National Winner.</td>
<td>475,000</td>
<td>55-60</td>
<td>Red 0.5 in. (1 cm)</td>
<td>I</td>
<td>--</td>
</tr>
<tr>
<td>Small-Fruited Tomato</td>
<td>Approximate Seed Count/lb.</td>
<td>Days</td>
<td>Color</td>
<td>Size</td>
<td>Growth</td>
</tr>
<tr>
<td>----------------------</td>
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<td>--------</td>
</tr>
<tr>
<td><strong>Carmesin F1</strong></td>
<td>239,000</td>
<td>65</td>
<td>Red</td>
<td>0.3-0.5 oz. (9 to 14 g)</td>
<td>Semi-D</td>
</tr>
<tr>
<td><strong>New Celano F1</strong></td>
<td>234,000</td>
<td>60-70</td>
<td>Red</td>
<td>0.6 oz. (17 g)</td>
<td>Semi-D</td>
</tr>
<tr>
<td><strong>Chocolate Sprinkles F1</strong></td>
<td>215,000</td>
<td>50-55</td>
<td>Red/green striped</td>
<td>1 x 1.5 in. (3 x 4 cm)</td>
<td>I</td>
</tr>
<tr>
<td><strong>New Crokini F1</strong></td>
<td>182,000</td>
<td>60-65</td>
<td>Red</td>
<td>0.5-0.6 oz. (14-17 g)</td>
<td>I</td>
</tr>
<tr>
<td><strong>Cupid F1</strong></td>
<td>270,000</td>
<td>66</td>
<td>Red</td>
<td>0.9 oz. (26 g)</td>
<td>I</td>
</tr>
<tr>
<td><strong>Fantastic F1</strong></td>
<td>231,000</td>
<td>50</td>
<td>Red</td>
<td>0.5 oz. (14 g)</td>
<td>D</td>
</tr>
<tr>
<td><strong>New Gold Spark F1</strong></td>
<td>200,000</td>
<td>65-70</td>
<td>Gold/Yellow</td>
<td>0.4-0.5 oz. (12-14 g)</td>
<td>I</td>
</tr>
<tr>
<td><strong>Hartman’s Yellow Gooseberry</strong></td>
<td>201,000</td>
<td>75</td>
<td>Yellow</td>
<td>1-2 oz. (28-56 g)</td>
<td>I</td>
</tr>
</tbody>
</table>

**Carmesin F1** delivers loads of jewel-like crimson red, oval, glossy grape tomatoes on a very grower friendly plant. The semi-determinate plant has good vigor and high yield potential and continues to set throughout the season.

**New Celano F1** 2020 All-America Selections National Winner is a patio-type grape tomato with a strong, bushy habit. It is best grown with some support, such as a tomato cage.

**Chocolate Sprinkles F1** A PanAmerican Seed product. First in this type with a disease-resistance package. Unique striped color. Produces more fruit with better flavor than similar open-pollinated varieties.

**New Crokini F1** 2020 All-America Selections Regional Winner (Southeast) has a very sweet (Brix of 8.5), light-acidic taste, giving it the perfect sweet/acid balance. Fruits do not crack on the vines that yield up to 10-12 fruits per cluster.

**Cupid F1** A Ball Ingenuity product, available exclusively through Ball Seed. Vigorous vines bear hundreds of smooth, firm, very sweet, 1-in. (3-cm) grape tomatoes continuously over a long season. Holds well without bursting.

**Fantastic F1** An early grape tomato that produces up to 350 tomatoes per plant. Long clusters of 0.75 to 1-in. (2 to 3-cm) fruit are held toward the outside the plant for easy harvest. Unique determinate bush habit is ideal for small gardens, planters and large hanging baskets. All-America Selections National Winner.

**New Gold Spark F1** Grape tomato has eye-catching color, sweet flavor, steady yields and crack resistance. Offers high yield potential and consistent sweetness (brix) throughout the season. The well-adapted plants have strong vigor with medium height.

**Hartman’s Yellow Gooseberry** Indeterminate plant with very long vines bears clusters of 1-in. (3-cm) “gooseberry” tomatoes that are sweet, mild, tasty and light golden-yellow in color.
### SMALL-FRUITED TOMATO continued

<table>
<thead>
<tr>
<th><strong>New Heartbreakers Valley F1</strong></th>
<th><strong>Approximate Seed Count/lb.</strong></th>
<th><strong>Days</strong></th>
<th><strong>Color</strong></th>
<th><strong>Size</strong></th>
<th><strong>Growth</strong></th>
<th><strong>Disease Resistance</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Compact, heart-shaped, cocktail tomato plants produce fruit that when cut presents a lovely heart shape. Features excellent vigor and shows an abundance of fruit. Plant has a trailing growth habit, so it’s ideal for large containers and hanging baskets. The juicy fruit has a tender skin and the perfect sweet/sour balance with a brix of about 9.</td>
<td>252,000</td>
<td>65-75</td>
<td>Red</td>
<td>0.75 oz. (21 g)</td>
<td>D</td>
<td>–</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Helix F1</strong></th>
<th><strong>Approximate Seed Count/lb.</strong></th>
<th><strong>Days</strong></th>
<th><strong>Color</strong></th>
<th><strong>Size</strong></th>
<th><strong>Growth</strong></th>
<th><strong>Disease Resistance</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>A PanAmerican Seed product. This red cherry tomato offers the perfect balance of sweet and acid, plus it is early-ripening, with high yields.</td>
<td>266,000</td>
<td>50-55</td>
<td>Red</td>
<td>0.3-0.5 oz. (9 to 14 g)</td>
<td>I</td>
<td>HR: LB, N, TMV, ToMV</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Juliet F1</strong></th>
<th><strong>Approximate Seed Count/lb.</strong></th>
<th><strong>Days</strong></th>
<th><strong>Color</strong></th>
<th><strong>Size</strong></th>
<th><strong>Growth</strong></th>
<th><strong>Disease Resistance</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Available as Ball Premier Line® seed. Clusters of juicy, red, elongated grape tomatoes on long, vigorous vines. Less cracking than other cherry types. All-America Selections National Winner.</td>
<td>162,000</td>
<td>60</td>
<td>Red</td>
<td>1 oz. (28 g)</td>
<td>I</td>
<td>IR: A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Lemon Cherry F1</strong></th>
<th><strong>Approximate Seed Count/lb.</strong></th>
<th><strong>Days</strong></th>
<th><strong>Color</strong></th>
<th><strong>Size</strong></th>
<th><strong>Growth</strong></th>
<th><strong>Disease Resistance</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>A Ball Ingenuity product, available exclusively through Ball Seed. Juicy, round, pale yellow cherry tomatoes are sweet and flavorful. High yielding.</td>
<td>247,000</td>
<td>58</td>
<td>Yellow</td>
<td>0.5 oz. (14 g)</td>
<td>I</td>
<td>–</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Little Bing</strong></th>
<th><strong>Approximate Seed Count/lb.</strong></th>
<th><strong>Days</strong></th>
<th><strong>Color</strong></th>
<th><strong>Size</strong></th>
<th><strong>Growth</strong></th>
<th><strong>Disease Resistance</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>A PanAmerican Seed product. Dwarf red cherry tomato plants are perfectly sized for patio gardeners looking for high yields on a small plant habit. Habit is like a determinate but produces like an indeterminate. Best performance when grown in a container.</td>
<td>226,000</td>
<td>60-65</td>
<td>Red</td>
<td>1-1.25 in. (3-3.5 cm)</td>
<td>Compact D</td>
<td>HR: F2, V</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Micro-Tom</strong></th>
<th><strong>Approximate Seed Count/lb.</strong></th>
<th><strong>Days</strong></th>
<th><strong>Color</strong></th>
<th><strong>Size</strong></th>
<th><strong>Growth</strong></th>
<th><strong>Disease Resistance</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>A PanAmerican Seed product. Small, 0.5 to 0.75-in. (1 to 2-cm) tomatoes grow well in low-light conditions. Ideal for windowwalls, 4-in. (10-cm) pots, baskets.</td>
<td>205,000</td>
<td>50</td>
<td>Red</td>
<td>0.8 oz. (23 g)</td>
<td>Compact D</td>
<td>–</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Midnight Snack F1</strong></th>
<th><strong>Approximate Seed Count/lb.</strong></th>
<th><strong>Days</strong></th>
<th><strong>Color</strong></th>
<th><strong>Size</strong></th>
<th><strong>Growth</strong></th>
<th><strong>Disease Resistance</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>A PanAmerican Seed product. A unique cherry tomato that ripens red with a blush of glossy black-purple on the skin when exposed to sunlight due to anthocyanin pigment. Produces all season, yielding well-balanced, flavorful fruit. Great in salads or eaten straight off the plant – a guilt-free treat any time. Best in-ground, grown with support. All-America Selections National Winner.</td>
<td>152,000</td>
<td>65-70</td>
<td>Black/purple/red</td>
<td>1.5 in. (4 cm)</td>
<td>I</td>
<td>–</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Mountain Magic</strong></th>
<th><strong>Approximate Seed Count/lb.</strong></th>
<th><strong>Days</strong></th>
<th><strong>Color</strong></th>
<th><strong>Size</strong></th>
<th><strong>Growth</strong></th>
<th><strong>Disease Resistance</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Brilliant red fruit with a juicy, smooth interior that is tropical-tasting with low acid and high sugars. Known as Campari-type tomatoes, they command high prices in specialty markets as tomatoes-on-the-vine. The uniform, crack-resistant globes appear in beautiful trusses of up to a dozen fruit.</td>
<td>203,000</td>
<td>69</td>
<td>Red</td>
<td>1.75 oz. (50 g)</td>
<td>I</td>
<td>HR: F1, S, V IR: LB</td>
</tr>
<tr>
<td>Tomato Name</td>
<td>Description</td>
<td>Approximate Seed Count/lb.</td>
<td>Days</td>
<td>Color</td>
<td>Size</td>
<td>Growth</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
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</tr>
<tr>
<td><strong>Orange Zinger F1</strong></td>
<td>Crack-resistant variety offers more usable fruit than Sun Gold. Dark orange, 1.5-in. (4-cm) cherry tomatoes have big, well-balanced sweet/tangy flavor.</td>
<td>160,000</td>
<td>60</td>
<td>Orange</td>
<td>0.75-1 oz.</td>
<td>I</td>
</tr>
<tr>
<td><strong>New Pillar Catch Red F1</strong></td>
<td>Uniquely performing, sweet, cocktail, table-top tomato plant. The plant has an upright growth habit with a sturdy stem and few branches. It clearly exposes its fruit, without the need for pruning or trimming. Ideal as table-top plant in a kitchen and drought tolerant. The fruit is deliciously sweet with a brix of about 6.</td>
<td>252,000</td>
<td>70-84</td>
<td>Red</td>
<td>0.7 oz.</td>
<td>D</td>
</tr>
<tr>
<td><strong>Rapunzel F1</strong></td>
<td>A Ball Ingenuity product, available exclusively through Ball Seed. Available as Ball Premier Line® seed. Unique, long cascading trusses hold up to 40 very sweet, bright red cherry tomatoes per truss.</td>
<td>228,000</td>
<td>68-70</td>
<td>Red</td>
<td>0.75-0.9 oz.</td>
<td>I</td>
</tr>
<tr>
<td><strong>Red Cherry Large</strong></td>
<td>Available as Ball Premier Line® seed. Strong, vigorous plants yield small, round, red fruits in large clusters. Bears all Summer for a long harvest period. Fine flavor raw or in salads.</td>
<td>196,000</td>
<td>70-80</td>
<td>Red</td>
<td>1 in.</td>
<td>I</td>
</tr>
<tr>
<td><strong>Red Grape F1</strong></td>
<td>Available as Ball Premier Line® seed. High-quality santa-type produces long clusters of 20 or more tasty, bright red baby grape tomatoes that are 1.25 x 0.75 in. (3.5 x 2 cm). Crack resistant.</td>
<td>289,000</td>
<td>75</td>
<td>Red</td>
<td>0.75 oz.</td>
<td>I</td>
</tr>
<tr>
<td><strong>Red Pear (Cherry Red Pear)</strong></td>
<td>Available as organic seed. Heirloom. Long, productive vines bear tasty, deep red, pear-shaped cherry tomatoes.</td>
<td>280,000</td>
<td>70-75</td>
<td>Red</td>
<td>1 oz.</td>
<td>I</td>
</tr>
<tr>
<td><strong>Red Profusion F1</strong></td>
<td>Trailing, mounded plants produce small, scarlet cherry tomatoes. Good for large baskets and planters.</td>
<td>198,000</td>
<td>52</td>
<td>Red</td>
<td>0.9 oz.</td>
<td>D</td>
</tr>
<tr>
<td><strong>Red Racer F1</strong></td>
<td>A cocktail tomato variety that provides high-quality, great-tasting fruit in the garden or in large containers. Fruit has a good sweet/acid balance, is uniform in size and matures as a cluster of fruits. Produces a huge yield 7-10 days earlier than competing varieties. All-America Selections National Winner.</td>
<td>129,000</td>
<td>57</td>
<td>Red</td>
<td>2 oz.</td>
<td>D</td>
</tr>
<tr>
<td><strong>Red Robin</strong></td>
<td>Miniature, 7-in. (18-cm) plant produces high yields of extra-sweet, 1.25-in. (3.5-cm), red cherry tomatoes. Perfect for ornamental containers.</td>
<td>246,000</td>
<td>55</td>
<td>Red</td>
<td>1 oz.</td>
<td>D</td>
</tr>
</tbody>
</table>
### SMALL-FRUITED TOMATO continued

<table>
<thead>
<tr>
<th>Variety</th>
<th>Prolific, early-season, indeterminate hybrid produces striped, small-fruited tomatoes that consistently scored the highest in taste tests. Combines excellent flavor, great fruit texture and high yield of usable fruits per plant. All-America Selections National Winner.</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
<th>Size</th>
<th>Growth</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red Torch F1</td>
<td>Prolific, early-season, indeterminate hybrid produces striped, small-fruited tomatoes that consistently scored the highest in taste tests. Combines excellent flavor, great fruit texture and high yield of usable fruits per plant. All-America Selections National Winner.</td>
<td>178,000</td>
<td>60-70</td>
<td>Red/yellow striped</td>
<td>1.5 oz. (42.5 g)</td>
<td>I</td>
<td>--</td>
</tr>
<tr>
<td>Rosy Finch</td>
<td>Ornamental and edible, the very compact, well-branched plants are ideal for patio planters and hanging baskets. Produces very early, high yields of tasty, deep rosy pink cherry tomatoes. Good companion to Yellow Canary and Red Robin.</td>
<td>309,000</td>
<td>55</td>
<td>Pink</td>
<td>1 in. (3 cm)</td>
<td>D</td>
<td>--</td>
</tr>
<tr>
<td>Ruby Crush</td>
<td>A widely adapted, mid-early maturing grape on mid-compact plants with good vigor. Plant features good setting and size, with high final yield potential. Requires limited to no pruning. Deep red fruit is very smooth, uniform and firm with good flavor.</td>
<td>195,000</td>
<td>65-70</td>
<td>Crimson</td>
<td>0.4-0.5 oz. (11-17 g)</td>
<td>D</td>
<td>F1 &amp; 2, S, ToMV</td>
</tr>
<tr>
<td>Sparky XSL F1</td>
<td>Indeterminate plant is early to mature, prolific and produces very flavorful, striped red cherry tomatoes. All-America Selections Regional Winner.</td>
<td>209,000</td>
<td>60-70</td>
<td>Red/yellow striped</td>
<td>1 oz. (28 g)</td>
<td>I</td>
<td>--</td>
</tr>
<tr>
<td>Sugar Rush F1</td>
<td>A PanAmerican Seed product. Super-sweet, elongated fruit have one of the highest Brix ratings of this type. Fast-maturing and very productive all season, making long trusses of fruit with great crunch and texture.</td>
<td>212,000</td>
<td>50-55</td>
<td>Red</td>
<td>0.75-1.25 in. (2-3.5 cm)</td>
<td>I</td>
<td>F1, TMV, ToMV</td>
</tr>
<tr>
<td>Sugargloss F1</td>
<td>Red cherry tomatoes have a very high sugar content. Fruit forms on very long, dual trusses, each producing as many as 40 tomatoes.</td>
<td>281,000</td>
<td>65</td>
<td>Red</td>
<td>1 in. (3 cm)</td>
<td>I</td>
<td>--</td>
</tr>
<tr>
<td>Sugary F1</td>
<td>Available as Ball Premier Line® seed. Tiny, oval grape tomatoes with pointed ends. Widely adapted. All-America Selections National Winner.</td>
<td>178,000</td>
<td>85</td>
<td>Red</td>
<td>0.5 oz. (14 g)</td>
<td>Semi-D</td>
<td>IR: F1</td>
</tr>
<tr>
<td>Summerlast</td>
<td>High-yielding plant with a dwarf habit is ideal for small spaces and patio containers. Heavy producer of 2-in., globe-shaped, high-acid tomatoes that have the perfect amount of tomato tanginess. Foliage stays green and healthy even with ripe fruit.</td>
<td>153,000</td>
<td>55</td>
<td>Red</td>
<td>1.5-2 in. (4-5 cm)</td>
<td>D</td>
<td>IR: LB, TMV</td>
</tr>
<tr>
<td>Sun Gold F1</td>
<td>Available as Ball Premier Line® seed. Beautiful golden orange cherry tomatoes are borne in large clusters. Great for snacking even a week before fully mature, with a sweet flavor.</td>
<td>268,000</td>
<td>65</td>
<td>Orange</td>
<td>0.5 oz. (14 g)</td>
<td>I</td>
<td>F1, ToMV</td>
</tr>
<tr>
<td>Sunsugar F1</td>
<td>Available as Ball Premier Line® seed. Very sweet golden orange cherry; thin-skinned, 1-in. (3-cm) fruit has good crack resistance.</td>
<td>250,000</td>
<td>62</td>
<td>Orange</td>
<td>1 oz. (28 g)</td>
<td>I</td>
<td>F, ToMV</td>
</tr>
<tr>
<td>Variety</td>
<td>Approximate Seed Count/lb.</td>
<td>Days</td>
<td>Color</td>
<td>Size</td>
<td>Growth</td>
<td>Disease Resistance</td>
<td></td>
</tr>
<tr>
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<td></td>
</tr>
<tr>
<td><strong>Supersweet 100 F1</strong></td>
<td>276,000</td>
<td>57-62</td>
<td>Red</td>
<td>1 oz. (28 g)</td>
<td>I</td>
<td>–</td>
<td></td>
</tr>
<tr>
<td><strong>Sweet 100 F1</strong></td>
<td>341,000</td>
<td>65</td>
<td>Red</td>
<td>1 oz. (28 g)</td>
<td>I</td>
<td>A, F1, TMV, V</td>
<td></td>
</tr>
<tr>
<td><strong>Sweet Elite F1</strong></td>
<td>224,000</td>
<td>65</td>
<td>Red</td>
<td>0.5-0.75 oz. (14-21 g)</td>
<td>I</td>
<td>F1&amp;2, Leaf Mold, ToMV0-2 IR: S</td>
<td></td>
</tr>
<tr>
<td><strong>Sweet Million F1</strong></td>
<td>282,000</td>
<td>60-62</td>
<td>Red</td>
<td>0.4-0.5 oz. (11-14 g)</td>
<td>I</td>
<td>HR: F1, ToMV0,1</td>
<td></td>
</tr>
<tr>
<td><strong>Sweet 'N Neat Series F1</strong></td>
<td>Scarlet: 227,000 Pink: 295,000</td>
<td>50</td>
<td>Varies by variety</td>
<td>1 oz. (28 g)</td>
<td>D</td>
<td>–</td>
<td></td>
</tr>
<tr>
<td><strong>Sweet Sturdy Jo F1</strong></td>
<td>186,000</td>
<td>65-75</td>
<td>Red</td>
<td>0.4 oz. (11 gm)</td>
<td>D</td>
<td>F1, Mildew, N, V</td>
<td></td>
</tr>
<tr>
<td><strong>Sweet Treats F1</strong></td>
<td>194,000</td>
<td>70</td>
<td>Pink</td>
<td>0.75-1 oz. (21-28 g)</td>
<td>I</td>
<td>F1&amp;2, Crown rot, Leaf mold, N, ToMV0,1</td>
<td></td>
</tr>
<tr>
<td><strong>Sweet Zen F1</strong></td>
<td>320,000</td>
<td>62</td>
<td>Red</td>
<td>0.5-1.5 oz. (14-42 g)</td>
<td>D</td>
<td>–</td>
<td></td>
</tr>
</tbody>
</table>
### Small-Fruited Tomato

<table>
<thead>
<tr>
<th>Small-Fruited Tomato</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
<th>Size</th>
<th>Growth</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tidy Treats F1</strong></td>
<td>382,000</td>
<td>50-55</td>
<td>Red</td>
<td>0.75-1 in. (2-2.5 cm)</td>
<td>Compact</td>
<td>F1, V</td>
</tr>
<tr>
<td><strong>Tomatoberry Garden F1</strong></td>
<td>199,000</td>
<td>80</td>
<td>Crimson</td>
<td>0.5 oz. (14 g)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td><strong>Topsy Tom F1</strong></td>
<td>192,000</td>
<td>50-55</td>
<td>Red</td>
<td>0.6 oz. (17 g)</td>
<td>Semi-D</td>
<td>–</td>
</tr>
<tr>
<td><strong>Tumbler F1</strong></td>
<td>165,000</td>
<td>48-50</td>
<td>Red</td>
<td>1 oz. (28 g)</td>
<td>D</td>
<td>–</td>
</tr>
<tr>
<td><strong>Tumbling Tom Yellow</strong></td>
<td>274,000</td>
<td>65</td>
<td>Yellow</td>
<td>1 oz. (28 g)</td>
<td>D</td>
<td>–</td>
</tr>
<tr>
<td><strong>New Tutti Frutti Series F1</strong></td>
<td>Cherry: 206,000, Mandarin: 168,000, Melon: 252,000</td>
<td>100-105</td>
<td>Varieties by variety</td>
<td>0.7 oz. (20 g)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td><strong>Yellow Canary</strong></td>
<td>272,000</td>
<td>55</td>
<td>Yellow</td>
<td>1 in. (3 cm)</td>
<td>Semi-D</td>
<td>–</td>
</tr>
</tbody>
</table>

**Tidy Treats F1** A PanAmerican Seed product. Very compact plant has a habit like a determinate, but produces like an indeterminate. Tidy Treats is good in small-space gardens and containers, but unlike other patio types, it continues to bear red cherry tomatoes all season.

**Tomatoberry Garden F1** Unique 1-in. (3-cm), strawberry-shaped fruits have a super-sweet taste and aroma. Produces high yields of shiny, deep red, one-bite cherry tomatoes.

**Topsy Tom F1** A PanAmerican Seed product. Perfect for “upside-down” tomato planters as well as traditional containers and gardens. Solid plants with pliable stems produce high, early yields of bite-sized tomatoes with big flavor.

**Tumbler F1** A PanAmerican Seed product. Available as Ball Premier Line® seed. Cascading plants are ideal for hanging baskets and containers. Prolific plants produce up to 6 lbs. (2.7 kg) of 1.25-in. (3.5-cm), cherry-type tomatoes that are very sweet and tasty.

**Tumbling Tom Yellow** Cascading plants produce high yields of very sweet, 1 to 2-in. (3 to 5-cm), yellow cherry tomatoes. Good for hanging baskets and patio planters.

**New Tutti Frutti Series F1** Upright growth habit with sweet fruit (Brix of about 10). - Cherry Red. - Mandarin Orange. - Melon Pink.

**Yellow Canary** Well-matched to Rosy Finch and Red Robin, the very compact plants bear lots of round, golden yellow cherry tomatoes. Works well in patio pots and baskets.

Order all the products in this catalog using WebTrack®.
### HEIRLOOM MARRIAGE™ F₁ TOMATO COLLECTION

A PanAmerican Seed product. Heirloom Marriage varieties cross two heirlooms to create a tomato that is much higher yielding and earlier maturing than their heirloom parents, with all of the great flavor and fewer blemishes.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
<th>Size</th>
<th>Growth</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Big Brandy F₁</td>
<td>138,000</td>
<td>75-80</td>
<td>Pink</td>
<td>12-15 oz.</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td>Cherokee Carbon F₁</td>
<td>158,000</td>
<td>75-80</td>
<td>Purple</td>
<td>10-12 oz.</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td>Genuwine F₁</td>
<td>143,000</td>
<td>70-75</td>
<td>Red</td>
<td>10.5-11.5 oz.</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td>Jersey Boy F₁</td>
<td>140,000</td>
<td>70</td>
<td>Red</td>
<td>10-15 oz.</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td>Marzinera F₁</td>
<td>157,000</td>
<td>70-75</td>
<td>Red</td>
<td>3-4 oz.</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td>Perfect Flame F₁</td>
<td>133,000</td>
<td>70-75</td>
<td>Orange</td>
<td>2-3 oz.</td>
<td>I</td>
<td>–</td>
</tr>
</tbody>
</table>

### HEIRLOOM TOMATO

<table>
<thead>
<tr>
<th>Variety</th>
<th>Days</th>
<th>Size</th>
<th>Growth</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amish Paste</td>
<td>211,000</td>
<td>80-85</td>
<td>Red</td>
<td>8-12 oz.</td>
</tr>
<tr>
<td>Beefsteak</td>
<td>172,000</td>
<td>75-80</td>
<td>Red</td>
<td>10-16 oz.</td>
</tr>
<tr>
<td>Big Rainbow</td>
<td>224,000</td>
<td>80-102</td>
<td>Gold/pink striped</td>
<td>Up to 2 lb. (0.9 kg)</td>
</tr>
<tr>
<td>Black Krim</td>
<td>182,000</td>
<td>69-90</td>
<td>Dark red</td>
<td>8-12 oz.</td>
</tr>
</tbody>
</table>

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370

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**Image Descriptions:**
- Heirloom Marriage Big Brandy
- Heirloom Marriage Cherokee Carbon
- Heirloom Marriage Genuwine
- Heirloom Marriage Jersey Boy
- Heirloom Marriage Perfect Flame
- Heirloom Marriage Marzinera

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**Tomato Varieties:**
- **Big Brandy F₁:** Pink beefsteak is a cross of Big Dwarf and Brandywine. Pink 12-15 oz. (340-425 g)
- **Cherokee Carbon F₁:** Robust purple beefsteak with rich flavor is a cross of Cherokee Purple and Carbon. Purple 10-12 oz. (284-340 g)
- **Genuwine F₁:** Slicer is a cross of Costoluto Genovese and Brandywine. Ready to harvest 12 to 19 days earlier than heirloom Brandywine. Red 10.5-11.5 oz. (298-326 g)
- **Jersey Boy F₁:** This tasty, sandwich-ready slicer is a cross of Sudduth’s Brandywine and Rutgers. Red 10-15 oz. (284-425 g)
- **Marzinera F₁:** Red roma/paste tomato produces large yields of meaty fruit that are great for cooking. A cross of San Marzano and Cream Sausage. Red 3-4 oz. (85-113 g)
- **Perfect Flame F₁:** Saladette variety is a cross of Peron and Flamme. Orange 2-3 oz. (57-85 g)
- **Amish Paste:** All-purpose tomato has excellent flavor from meaty, juicy fruit with few seeds. Great for canning and slicing. Red 8-12 oz. (227-340 g)
- **Beefsteak:** Available as organic seed. Large, flat, globe-type slicing tomato has light red skin and very meaty, juicy flesh. Very productive. Red 10-16 oz. (284-454 g)
- **Big Rainbow:** The 6-ft. (1.8-m) plants produce huge, rib-shouldered golden fruit with streaks of red running through the superbly flavored flesh.
- **Black Krim:** Available as Ball Premier Line® seed. Also available as organic seed. Flattened, dark red-purple fruit with delicate skin, green shoulders. Very juicy, green-tinted flesh. Must be staked or caged. Dark red 8-12 oz. (227-340 g)
Black Prince Available as organic seed. Flavorful, mahogany brown tomatoes become orange-red at blossom end. Deep color in sunnier locations. Less cracking than other heirlooms.

Brandywine Pink Potato Leaf Available as Ball Premier Line® seed. An heirloom classic since 1885. Large, sweet, red-pink fruits set one or two per cluster on upright plants.

Brandywine Red Potato Leaf Available as Ball Premier Line® seed. Flat, globe-type tomatoes have reddish-pink skin and very tasty red flesh. Higher yielding in cooler weather.

Cherokee Purple Produces dusky pink-skinned fruit with dark shoulders on short vines. Flavorful flesh ranges from purple to brown to green.

Delicious Produces huge, oblate-shaped tomatoes with delicious flavor. Smooth and crack-resistant.

German Johnson One of the parent lines of legendary Mortgage Lifter, this pinkish-red, nearly seedless variety thrives in hot, humid areas. Large-lobed fruits have mild, meaty flesh and are good for slicing and canning.

Gold Medal Also known as Ruby Gold, this classic yellow and red bicolor is a gourmet delight.

<table>
<thead>
<tr>
<th>Tomato Name</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
<th>Size</th>
<th>Growth</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Prince</td>
<td>171,000</td>
<td>74</td>
<td>Dark red</td>
<td>Up to 3-5 oz. (85-140 g)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td>Brandywine Pink Potato Leaf</td>
<td>175,000</td>
<td>88</td>
<td>Red/pink</td>
<td>Up to 1-lb. (0.5-0.9 kg)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td>Brandywine Red Potato Leaf</td>
<td>150,000</td>
<td>75-80</td>
<td>Red</td>
<td>Up to 10-16 oz. (284-454 g)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td>Cherokee Purple</td>
<td>172,000</td>
<td>72-90</td>
<td>Dark purple/red</td>
<td>Up to 10-12 oz. (284-340 g)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td>Delicious</td>
<td>167,000</td>
<td>77</td>
<td>Red</td>
<td>Up to 1-lb. (0.5 kg)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td>German Johnson</td>
<td>168,000</td>
<td>76-80</td>
<td>Pink</td>
<td>Up to 1-lb. (0.5-0.9 kg)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td>Gold Medal</td>
<td>164,000</td>
<td>80-90</td>
<td>Gold</td>
<td>16 oz. (454 g)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td>HEIRLOOM TOMATO continued</td>
<td>Approximate Seed Count/lb.</td>
<td>Days</td>
<td>Color</td>
<td>Size</td>
<td>Growth</td>
<td>Disease Resistance</td>
</tr>
<tr>
<td>----------------------------</td>
<td>---------------------------</td>
<td>------</td>
<td>-------</td>
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<td>--------</td>
<td>------------------</td>
</tr>
<tr>
<td><strong>Great White</strong> Available as organic seed.</td>
<td>180,000</td>
<td>75-85</td>
<td>Light yellow</td>
<td>10-12 oz. (284-340 g)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td>Meaty, creamy textured fruit has few seeds and a mild, non-acidic taste. Less “viney” and earlier than other whites.</td>
<td>180,000</td>
<td>75-85</td>
<td>Light yellow</td>
<td>10-12 oz. (284-340 g)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td><strong>Heirloom Rainbow Blend Available as Ball Premier Line® seed.</strong> Eight popular heirloom varieties in a range of fruit colors/shapes/sizes. Includes Mortgage Lifter (pink), Brandywine Red, Kellogg’s Breakfast (orange), Aunt Ruby’s German Green, Black Krim, Yellow Brandywine, Big Rainbow (bicolor) and Great White.</td>
<td>174,000</td>
<td>80-100</td>
<td>Multicolor</td>
<td>Asst.</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td><strong>Jubilee Available as Ball Premier Line® seed.</strong> Round, smooth, golden orange fruit is meaty with few seeds, mild flavor and low acidity. Resists Alternaria.</td>
<td>167,000</td>
<td>80</td>
<td>Gold/orange</td>
<td>8 oz. (227 g)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td><strong>Manitoba Available as Ball Premier Line® seed.</strong> Non-staking bush-type produces smooth, firm and bright red fruit. Very productive. Developed for the Canadian prairies – well-suited to high altitudes and northern locations.</td>
<td>201,000</td>
<td>58-80</td>
<td>Red</td>
<td>6 oz. (170 g)</td>
<td>D</td>
<td>–</td>
</tr>
<tr>
<td><strong>Mortgage Lifter Available as Ball Premier Line® seed.</strong> Rich, meaty beefsteak tomato has few seeds, perfect for slicing, sandwiches and salsas. A consistent winner in taste tests.</td>
<td>186,000</td>
<td>80</td>
<td>Red</td>
<td>16-24 oz. (454-680 g)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td><strong>Old German Available as organic seed.</strong> Yellow fruit with red exterior and interior center. Outstanding flavor, few seeds.</td>
<td>170,000</td>
<td>75</td>
<td>Red</td>
<td>1 lb. (0.5 kg) or more</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td><strong>Pineapple Available as Ball Premier Line® seed.</strong> Large, beefsteak-type tomatoes ripen to beautiful bright yellow, often with red stripes. Meaty, mild-flavored flesh has few seeds. High-yielding.</td>
<td>173,000</td>
<td>85-95</td>
<td>Yellow</td>
<td>2 lb. (0.9 kg)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td><strong>Yellow Pear (Cherry Yellow Pear) Available as Ball Premier Line® seed and as organic seed.</strong> Small, pear-shaped tomatoes.</td>
<td>271,000</td>
<td>78</td>
<td>Yellow</td>
<td>1 oz. (28 g)</td>
<td>D</td>
<td>–</td>
</tr>
</tbody>
</table>
## HEIRLOOM TOMATO continued

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
<th>Size (in oz.)</th>
<th>Growth</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pruden’s Purple</td>
<td>188,000</td>
<td>80</td>
<td>Dark pink</td>
<td>10-16 oz. (284-454 g)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td>(Available as organic seed)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potato-leaf plants are loaded with dark pink, slightly flattened, beefsteak-type fruit with very few seeds. Widely adapted. Also known as Prudence.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rutgers Select</td>
<td>187,000</td>
<td>82</td>
<td>Red</td>
<td>5 oz. (140 g)</td>
<td>D</td>
<td>–</td>
</tr>
<tr>
<td>(Available as Ball Premier Line® seed)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mid-size plants.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Striped German</td>
<td>167,000</td>
<td>78</td>
<td>Yellow/red striped</td>
<td>1 lb. (0.5 kg) or more</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td>(Available as organic seed)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flat, ribbed tomatoes are yellow/red shades with marbled interior. Great-looking slicer with complex flavor and smooth texture.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## TURNIP

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Weight (in oz.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Royal Crown F1</td>
<td>188,000</td>
<td>50</td>
<td>14 oz. (397 g)</td>
</tr>
<tr>
<td>This multi-use variety has uniform deep green cut leaves and top-shaped roots with a bright purple crown and a creamy white bottom; features a sweet, mild flavor.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## WATERMELON

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Weight (in lb.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cal Sweet Bush</td>
<td>15,400</td>
<td>90</td>
<td>10-12 lb. (4.5-5.4 kg)</td>
</tr>
<tr>
<td>Plant produces compact, bushy vines that grow 14 to 18-in. (36 to 46-cm) long and still provide enough foliage cover to protect the fruits. Each plant yields 2 to 3 fruits weighing 10 to 12 lb. (4.5 to 5.5-kg). All-America Selections Regional Winner.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crimson Sweet Available as organic seed</td>
<td>10,400</td>
<td>85-90</td>
<td>15-25 lb. (6.8-11.3 kg)</td>
</tr>
<tr>
<td>Dark/bright green-striped, oval fruit are 10 to 12 in. (25 to 30 cm) long. Sweet, crispy, juicy fruit is deep red with few seeds. Very productive; each plant produces 3 to 5 large fruits.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Mambo F1 Available as organic seed</td>
<td>4,500</td>
<td>75</td>
<td>11 lb. (5 kg)</td>
</tr>
<tr>
<td>2020 All-America Selections National Winner has the appearance of a seedless watermelon but the better taste of a seeded type due to its extremely small seed cavity. Grows and yields well, even in cool, cloudy conditions. Crisp, extra-sweet, deep red flesh is remarkably flavorful and holds well on the vine. Each plant produces 3 to 4 fruits with dark green skin and blackish-green stripes.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mini Love F1</td>
<td>10,400</td>
<td>70-80</td>
<td>7-9 lb. (3-4 kg)</td>
</tr>
<tr>
<td>Personal-size seeded watermelon yields up to 6 fruit per plant. Mini Love has a rind pattern like Crimson Sweet, with sweet, crisp, red flesh and few seeds. The fruit hold well and the plants offer intermediate resistance to Anthracnose. All-America Selections National Award Winner.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sugar Baby</td>
<td>10,400</td>
<td>70-80</td>
<td>8-10 lb. (3.6-4.5 kg)</td>
</tr>
<tr>
<td>Available as organic seed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heirloom. Early, 6 to 8-in. (15 to 20-cm) fruit has thick, dark green skin. Firm, sweet red flesh with large, dark brown seeds. Space-saving, compact-vined variety is dependably productive.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
A known and trusted brand since 1876, Burpee® continues to bring the best in vegetables, herbs and flowers. We start with quality plants that have been trialed across the country to be big performers and ensure optimum growth. Among our great-tasting and great-performing vegetables, fruits and herbs, you’ll find disease-resistant varieties that can stand up to tough conditions and keep producing large harvests.

Our goal is to offer new, improved or tried-and-true vegetables, fruits, flowers and herbs that meet and exceed consumers’ changing gardening interests. New 2021 varieties that will grab attention at retail include Rutgers DMR Obsession Basil, Sweet Slaw and Sweet Thang Cabbage, Armageddon Hot Pepper, Jalapeño Sweet Poppers Sweet Pepper and BOOST™ Tasti-Wee® Small-Fruited Tomato. Find out more about these exciting introductions in the listings ahead.

We also work hard to make Burpee the easiest brand for our customers and consumers to choose. Color-coded tags and POP are the new way to find your favorite tomato, pepper or other vegetable, herb and flower varieties. Tomatoes have red tags, sweet peppers are orange and hot peppers are purple. Herbs are dark blue, small fruits are raspberry and all other vegetables have yellow tags, with organic vegetables and herbs called out on green tags.

As always, Burpee provides free POP. We have new tomato and pepper banners available, as well as a banner that visually explains our new color-coding program.

Visit burpeehomegardensbrand.com to find out more about the Burpee branded program, and see all the great-tasting, top-performing varieties from Burpee plants.
Inspire consumers with these enticing, new 2021 varieties that are bursting with flavor, high-performance and outstanding traits. All are Exclusively Burpee, which means they are unique varieties that you can only get from Burpee.

See what the buzz is about! These products are already getting rave reviews and are destined to become top sellers.
Great taste and garden performance
SINCE 1876
Gran sabor y excelente desempeño en el jardín
DESDE 1876

60x36-in. (152x91-cm) Fence Banner

4-in. x 50-ft (10-cm x 15.25-m) Benchtape

2021 VEGETABLES PROGRAM

**Bean**
- Blue Lake Bush

**Broccoli**
- Destiny F1

**Brussels Sprouts**
- Franklin
- Redarling F1

**Cabbage**
- Big Flat Head
- Fast Vantage
- NEW Sweet Slaw
- NEW Sweet Thang

**Cauliflower**
- Snow Crown

**Celery**
- Peppermint Stick

**Cucumber – Pickling**
- Fresh Pickles F1*
- Homemade Pickles

**Cucumber – Slicing**
- Burpee Hybrid II
- Bush Champion II
- Bush Early Girl
- Celebrity Champion II
- Cloudy Day F1*
- Early Girl
- Fourth of July F1*
- Grand Slam F1*
- Homeslice F1
- Jet Star
- Lemon Boy
- Madame Marmande F1*
- Orange Wellington F1
- Phoenix F1
- Steak Sandwich Hybrid
- Summer Girl F1*
- BOOST Tasti-Lee F1*

**Eggplant**
- Black Beauty
- Early Midnight*
- Meatball*
- Patio Baby F1
- White Star Hybrid*

**Fennel**
- Onions

**Kale**
- Prizm F1
- Red Russian
- SimplySalad Kale Storm Mixture

**Leek**
- Buttercrunch
- Gourmet Blend*
- Heatwave Blend*
- Little Caesar*
- Salad Bowl Mix

**Multi-Seed Pellet Lettuce**
- Alfresco Mix
- City Garden Mix
- BOOST™ Healing Hands*

**Melon**
- Ambrosia
- Sugar Cube F1

**Okra**
- Baby Bubba*

**Onion**
- Yellow Sweet Spanish

**Pea**
- Masterpiece F1*

**Pepper – Combo**
- Take 2 Director’s Cut*

**Pepper – Hot**
- NEW Armageddon
- Basket of Fire
- Big Guy Jalapeno*
- Cajun Belle
- Dragon Red*
- Habanero Burning Bush
- Habanero Orange
- Hot Lemon*
- Hungarian Hot Wax
- Jalapeno Gigante II*
- Ristra Cayenne II*
- Siracha
- BOOST™ Sweet Heat F1

**Pepper – Sweet**
- Bananarama*
- Baron
- Better Belle IV
- Big Daddy Hybrid*
- California Wonder
- Cherry Stuffer F1*
- Confetti F1*
- Costa Rican Sweet Hybrid*
- Flavorburst Hybrid
- Giant Marconi
- Gold Standard F1*
- Great Stuff Hybrid*
- NEW Jalapeno Sweet Poppers*
- Jungle Parrot*
- Mardi Gras Fun Series F1*
- Red Standard F1*
- Roulette
- Thunderbolt F1*

**Pumpkin**
- Autumn Gold F1
- Howden
- Jack-The-Little

**Spinach**
- Bloomsdale

**Squash – Summer**
- Burpee Golden F1
- Burpee Hybrid
- Cupcake*
- Dark Green
- Goldy
- Lemon Drop*
- Smooth Pickin’ F1*

**Squash – Winter**
- Burpee’s Bush Table Queen*
- Burpee’s Butterbush*

**Tomato - Combos**
- Take 2 Action*
- Take 2 Blockbuster*
- Take 2 Camera*

**Tomato - Beefsteak**
- Atlas*
- Beefsteak
- Big Beef
- Brandy Boy Hybrid*
- BushSteak F1*
- Oh Happy Day F1*
- Porterhouse F1*
- Steak-House Hybrid*
- Supersteak Hybrid

**Tomato – Slicer**
- Better Boy
- Big Daddy Hybrid*
- Big Pink*
- Burpee’s Big Boy®
- Bush Champion II
- Bush Early Girl
- Celebity
- Champion II
- Cloudy Day F1*
- Early Girl
- Fourth of July F1*
- Grand Slam F1*
- Homeslice F1
- Jet Star
- Lemon Boy
- Madame Marmande F1*
- Orange Welllington F1
- Phoenix F1
- Steak Sandwich Hybrid
- Summer Girl F1*
- BOOST Tasti-Lee F1*

**Tomato - Variety**
- All Star (Vegetative)
- Berri Basket® White
- Berries Galore® Pink, Rose and White
- Seascaper (Vegetative)
- Sweet Kiss™ (Vegetative)

**Swiss Chard**
- Bright Lights

**24x40-in. (61x102-cm) Sign**

**14x13-in. (36x33-cm)**

Clear plastic sleeves
2021 HERBS PROGRAM

Tomato – Paste & Saladette
Big Mama Hybrid®
Fresh Salsa Hybrid®
Gladiator F1®
Juliet F1
Little Napoli F1
SuperSauce F1®

Tomato – Small-Fruited
Baby Boomer F1®
BOOST™ Cherry Punch®
Chocolate Sprinkles F1® Fantastico
Indigo® Fireball F1
BOOST™ Mighty Sweet F1®
Napa Grape Hybrid®
Orange Zinger F1
BOOST™ Power Pops®
Red Grape
Shimmer F1®
BOOST™ Solar Power®
Sungold
Sweet 100
Sweetheart of the Patio®
NEW BOOST™ Tasti-Wee®
Tidy Treats F1

Tomato – Heirloom
Big Rainbow
Black Krim
Brandywine Pink
Brandywine Red
Cherokee Purple
Delicious
Mortgage Lifter
Old German
San Marzano
Yellow Pear

Tomato – Heirloom Marriage®
Big Brandy F1
Genuine F1
Jersey Boy F1
Perfect Flame F1

Watermelon
Crimson Sweet
Sugar Baby

Basil
Boxwood
Dolce Fresca
Nufar
Pesto Party®
Pesto Perpetuo (Vegetative)
Red Rubin
NEW Rutgers DMR Obsession
Super Sweet Genovese
Sweet Dani Lemon
Sweet Italian Large Leaf
Sweet Mammoth Ruffled
Sweet Thai Basil
Try Basil

Catnip
Chives
Garlic
Onion

Cilantro
Santo

Dill
Bouquet
Fernleaf

Lavender
Ellagance Purple
Munstead

Lemon Balm

Lemongrass

Mint
Apple (Vegetative)
Chocolate (Vegetative)
Peppermint
Pineapple Variegated (Vegetative)
Spearmint

Oregano
Greek
Hot & Spicy (Vegetative)
Italian
Variegated (Vegetative)

Parsley
Italian Dark Single
Italian Giant F1
Triple Curled

Rosemary
Arp (Vegetative)
Barbecue (Vegetative)
Common Rosemary
Spice Island (Vegetative)

Sage
Berggarten (Vegetative)
Common Sage
Icterina (Vegetative)
Tricolor (Vegetative)

Summer Savory

Stevia
Sweet Leaf

Sweet Marjoram

Taragon
French (Vegetative)

Thyme
English (Vegetative)
Hi-Ho Silver (Vegetative)
Lemon (Vegetative)
Orange Scented (Vegetative)

Summer

Space Savers Combos
Good Grillin’ Herb Combo
(Chives, parsley and rosemary)

Kitchen Favorites Herb Combo (Basil, dill, oregano and parsley)

Tuscan Trio Herb Combo (Basil, oregano and parsley)

*Exclusively Burpee!
**ALL VARIETIES ARE EXCLUSIVELY BURPEE!**

**Vegetable seed is for bedding plant production only, not for commercial production use.**

All varieties supplied as seed are sold by seed count.

All vegetable varieties perform best in full-sun conditions.

### BRUSSELS SPROUTS

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Weight</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Redarling F1</td>
<td>81,000</td>
<td>140-145</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**CABBAGE**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Weight</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Sweet Slaw</td>
<td>157,000</td>
<td>65</td>
<td>32-35.2 oz.</td>
<td>Green</td>
</tr>
<tr>
<td>New Sweet Thang</td>
<td>128,000</td>
<td>65</td>
<td>Non-heading</td>
<td>Green</td>
</tr>
</tbody>
</table>

**CUCUMBER**

**Types:**

- M: Monoecious plants produce separate male and female flowers on the same plant.
- G: Gynoecious plants produce only female flowers for higher and more concentrated yields.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fresh Pickles F1</td>
<td>16,300</td>
<td>45-50</td>
<td>M</td>
<td>5 in. (13 cm)</td>
</tr>
<tr>
<td>Bush Champion</td>
<td>17,200</td>
<td>55</td>
<td>M</td>
<td>11 in. (28 cm)</td>
</tr>
<tr>
<td>Gold Standard</td>
<td>14,500</td>
<td>49</td>
<td>M</td>
<td>6-8 in. (15-20 cm)</td>
</tr>
</tbody>
</table>

**EGGPLANT**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Fruit Shape</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Midnight</td>
<td>98,000</td>
<td>55</td>
<td>Oval</td>
<td>Dark purple</td>
</tr>
<tr>
<td>Meatball</td>
<td>102,000</td>
<td>58</td>
<td>Oval</td>
<td>Purple-black</td>
</tr>
<tr>
<td>White Star Hybrid</td>
<td>103,000</td>
<td>65</td>
<td>Oval</td>
<td>White</td>
</tr>
</tbody>
</table>
## ANNUAL HERBS

<table>
<thead>
<tr>
<th>Name</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basil Pesto Party</td>
<td>186,000</td>
<td>18-24 in. (46-61 cm)</td>
<td></td>
</tr>
</tbody>
</table>

Basil Pesto Party: The latest-flowering basil from seed. Well-branched and full, with an abundance of leaves that offer good sweet Italian basil flavor. Perfect for fresh pesto and salads. No pinch and no PGRs required. Offers intermediate resistance to downy mildew.

## LETTUCE & SALAD GREENS

<table>
<thead>
<tr>
<th>Name</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gourmet Blend</td>
<td>504,000</td>
<td>45</td>
<td>Assorted</td>
</tr>
<tr>
<td>Healing Hands Salad Mix</td>
<td>17,700</td>
<td>42</td>
<td>Assorted</td>
</tr>
<tr>
<td>Heatwave Blend</td>
<td>501,000</td>
<td>50-60</td>
<td>Assorted</td>
</tr>
<tr>
<td>Little Caesar</td>
<td>470,000</td>
<td>70</td>
<td>Romaine</td>
</tr>
</tbody>
</table>

Gourmet Blend: Flavorful mix includes Grand Rapids, Royal Oak Leaf, Red Salad Bowl, Salad Bowl and Ruby. Fast-growing, performs best in cool weather.

Healing Hands Salad Mix: Part of the BOOST Antioxidant Collection. Available as Ball Premier Line® seed. Extra-nutritious mix can produce 20% more lutein, 30% more beta-carotene, 30% more total carotenoids and 70% more anthocyanins than other blends.*

*Based on the average mix of selected varieties. Healing Hands Salad Mix is grown under our trial conditions and harvested when ready to eat. Actual harvest results may vary.

Healing Hands Salad Mix: Extra-nutritious mix can produce 20% more lutein, 30% more beta-carotene, 30% more total carotenoids and 70% more anthocyanins than other blends.*

Heatwave Blend: Heat-loving blend includes green and purple-red crispy types, romaines, oak-leaved, crisped-frilled, looseleaf and fern-leaved lettuces.

Little Caesar: Tall heads with sweet, crisp leaves are perfect for Caesar salads. Features green outer leaves and golden blanched inner leaves.

## OKRA

<table>
<thead>
<tr>
<th>Name</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baby Bubba</td>
<td>6,800</td>
<td>53</td>
</tr>
</tbody>
</table>

Baby Bubba: A cool dwarf plant for small spaces! Grows half the height of standard okra plants, but with full-sized fruit. This narrow, upright plant grows well in 12 to 14-in. (30 to 36-cm) containers for the patio. Takes up less space in your garden while still producing plenty of tasty okra.

## PEA

<table>
<thead>
<tr>
<th>Name</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Masterpiece F1</td>
<td>2,200</td>
<td></td>
</tr>
</tbody>
</table>

Masterpiece F1: A triple-treat: parsley-like tendrils, peas and pods are all edible and delicious. Ideal for small-space gardens, planters, window boxes. Best trellised. Resists Fusarium and powdery mildew.
**PEPPER**

*The first color listed is the stage when picking is most preferred. The second color indicates the mature stage, with more intense heat.

### Disease Resistance:
- **BLS:** Bacterial spot
- **CMV:** Cucumber mosaic virus
- **N:** Nematodes
- **Pc:** Phytophthora blight
- **PM:** Powdery mildew
- **PMV:** Pepper mosaic virus
- **PVY:** Potato virus Y
- **TEV:** Tobacco etch virus
- **TMV:** Tobacco mosaic virus
- **TSWV:** Tomato spotted wilt virus

### SWEET BELL PEPPER

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cherry Stuffer F1</td>
<td>54,000</td>
<td>73</td>
<td>Green/ red</td>
<td>2 x 2 in. (5 x 5 cm)</td>
<td>TMV</td>
</tr>
<tr>
<td>Confetti F1</td>
<td>74,000</td>
<td>45-70</td>
<td>Green/red</td>
<td>2.5-3.5 x 1.25-1.75 in. (6 x 4 cm)</td>
<td>–</td>
</tr>
<tr>
<td>Gold Standard F1</td>
<td>57,000</td>
<td>80</td>
<td>Green/ bronze/gold</td>
<td>4.5 x 4 in. (11 x 10 cm)</td>
<td>BLS 0-5, 7, 9, TMV0</td>
</tr>
<tr>
<td>Great Stuff Hybrid</td>
<td>51,000</td>
<td>75</td>
<td>Green/dark red</td>
<td>7 x 5 in. (18 x 13 cm)</td>
<td>TSWV</td>
</tr>
<tr>
<td>Jungle Parrot</td>
<td>69,000</td>
<td>65-75</td>
<td>Dark green/red</td>
<td>3 x 3 in. (8 x 8 cm)</td>
<td>N, PMV, PVY, TEV</td>
</tr>
<tr>
<td>Red Standard F1</td>
<td>59,000</td>
<td>60-80</td>
<td>Green/dark red</td>
<td>4 x 5 in. (10 x 13 cm)</td>
<td>–</td>
</tr>
</tbody>
</table>

### SWEET NON-BELL PEPPER

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bananarama</td>
<td>67,000</td>
<td>70</td>
<td>Yellow/orange-red</td>
<td>8 x 1.25 x 3.5 in. (20 x 9 cm)</td>
<td>–</td>
</tr>
<tr>
<td>Big Daddy Hybrid</td>
<td>66,000</td>
<td>73</td>
<td>Green/yellow</td>
<td>8-10 in. (20-25 cm)</td>
<td>–</td>
</tr>
<tr>
<td>Costa Rican Sweet Hybrid</td>
<td>59,000</td>
<td>70</td>
<td>Green/red</td>
<td>6 x 2-3 in. (15 x 8 cm)</td>
<td>–</td>
</tr>
<tr>
<td>New Jalapeño Sweet Poppers</td>
<td>59,000</td>
<td>65-85</td>
<td>Green/red</td>
<td>3.75 x 1.1 x 1.3 in. (9 x 3 cm)</td>
<td>–</td>
</tr>
</tbody>
</table>

ALL VARIETIES ARE EXCLUSIVELY BURPEE!
## SWEET NON-BELL PEPPER

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (L x W)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mardi Gras Fun Series F1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Orange                      | 72,000                    | 65-80| Varies by variety | 3.5 x 1.5 in.  
Purple                    | 67,000                    |      |         |              |                    |
Red                         | 75,000                    |      |         |              |                    |
Yellow                      | 61,000                    |      |         |              |                    |
| Thunderbolt F1              | 67,000                    | 65-80| Green/red | 13 x 4 in.  
                 |                           |      |         |              | TMV, TSWV          |
| **CHILI PEPPER**            |                           |      |        |              |                    |
| New Armageddon F1           | 90,000                    | 95-100| Green/red | 1.6-2 x  
                 |                           |      |         | 1.2-1.6 in.  
                 |                           |      |         | (4-5 x 3-4 cm)   |                    |
| Hot Lemon                   | 95,000                    | 70-80| Green/yellow | 3-4 x 0.75 in.  
                 |                           |      |         |              | (7-10 x 2 cm)     |                    |
| Ristra Cayenne II           | 54,000                    | 75-90| Green/red | 9-12 x 1.5 in.  
                 |                           |      |         |              | (23-30 x 4 cm)    |                    |
| **ETHNIC HOT PEPPER**       |                           |      |        |              |                    |
| Dragon Roll                 | 71,000                    | 67   | Green   | 3-5 in.  
                 |                           |      |         |              | (8-13 cm)         |                    |

*Color notes: Orange • Purple • Red • Yellow

---

**New Armageddon F1** - The world’s first F1 hybrid super-hot chili measuring at 1.2 million Scovilles. This gives a fantastic grower advantage in terms of improved plant vigor and fruit uniformity. It is the earliest maturing super-hot variety, at least 14 days earlier than the competition.

**Thunderbolt F1** - Huge Marconi peppers have good flavor and texture, thick walls and satisfying crunch. High-yielding plants work in large containers, gardens.

**New Armageddon** - Available as Ball Premier Line® treated seed.

**Ristra Cayenne II** - Available as Ball Premier Line® treated seed. Tapered fruit has a twisted shape and is thin-walled and two-celled. Get more peppers with less heat and a mild spicy flavor. This plant also produces a better canopy with the potential for higher yields than original Ristra Cayenne.
SUMMER SQUASH

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Size</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burpee Golden</td>
<td>4,000</td>
<td>54</td>
<td>Zucchini</td>
<td>6-8 in. (15-20 cm) long</td>
<td></td>
</tr>
<tr>
<td>Burpee Hybrid</td>
<td>2,700</td>
<td>50</td>
<td>Zucchini</td>
<td>6-8 in. (15-20 cm) long</td>
<td></td>
</tr>
<tr>
<td>Cupcake</td>
<td>2,700</td>
<td>30</td>
<td>Patty Pan</td>
<td>2-in. (5-cm) tall x 5-in. (12-cm) round</td>
<td></td>
</tr>
<tr>
<td>Lemon Drop</td>
<td>6,800</td>
<td>55-60</td>
<td>Patty Pan</td>
<td>3 x 2 in. (8 x 5 cm)</td>
<td></td>
</tr>
<tr>
<td>Smooth Pickin’ F1</td>
<td>3,100</td>
<td>45</td>
<td>Zucchini</td>
<td>7 in. (18 cm) long</td>
<td></td>
</tr>
</tbody>
</table>

WINTER SQUASH

<table>
<thead>
<tr>
<th>Variety</th>
<th>Days</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burpee’s Bush Table Queen</td>
<td>6,300</td>
<td>Acorn</td>
<td>5 in. (13 cm) diameter</td>
</tr>
<tr>
<td>Burpee’s Butterbush</td>
<td>5,900</td>
<td>Butternut</td>
<td>7 x 8 in. (18 x 20 cm)</td>
</tr>
</tbody>
</table>
TOMATO

All tomatoes are sold as defuzzed seed. Many tomatoes are also available as easy-to-sow Ball Premier Line® seed.

Growth:
I: Indeterminate (pole or stake type). Blossoms and fruit develop progressively, and the harvest lasts several months; best when staked.
D: Determinate (bush type). Blossoms and fruit develop on the vine at the same time. The harvest time is short – 7 to 10 days. Plants are self-topping and seldom need staking; best when caged.
Semi-D: Semi-determinate. Compact plants that continue to fruit several times in the Summer.

Disease Resistance:
A: Alternaria stem canker
S: Gray leaf spot
BLS: Bacterial Leaf Spot
St: Stemphylium
EB: Early blight
F1: Fusarium Wilt Race 1
TMV: Tobacco Mosaic Virus
F1&2: Fusarium Wilt Races 1 & 2
ToMV: Tomato Mosaic Virus
LB: Late blight
F1: Fusarium Wilt Race 1
N: Nematodes
V: Verticillium

BEEFSTEAK TOMATO

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
<th>Size</th>
<th>Growth</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atlas F1</td>
<td>152,000</td>
<td>65</td>
<td>Red</td>
<td>12 oz. (340 g)</td>
<td>D</td>
</tr>
<tr>
<td>Brandy Boy Hybrid</td>
<td>152,000</td>
<td>78</td>
<td>Pink</td>
<td>7-10 oz. (198-284 g)</td>
<td>I</td>
</tr>
<tr>
<td>BushSteak F1</td>
<td>146,000</td>
<td>65</td>
<td>Red</td>
<td>8-12 oz. (227-340 g)</td>
<td>Semi-D</td>
</tr>
<tr>
<td>Oh Happy Day F1</td>
<td>193,000</td>
<td>67</td>
<td>Red</td>
<td>5-6 oz. (141-170 g)</td>
<td>I</td>
</tr>
<tr>
<td>Porterhouse F1</td>
<td>149,000</td>
<td>80</td>
<td>Deep red</td>
<td>2-4 lb. (0.9-1.8 kg)</td>
<td>I</td>
</tr>
<tr>
<td>SteakHouse Hybrid</td>
<td>156,000</td>
<td>75-80</td>
<td>Red</td>
<td>1.5-4 lbs. (0.7-1.8 kg)</td>
<td>I</td>
</tr>
</tbody>
</table>

Ball Seed is working hard to make sure the seed you receive has been tested for seedborne diseases. All Kale, Flowering Kale, Pepper, Ornamental Pepper and Tomato seed is tested according to the International Seed Health Initiative (ISHI) guidelines.
### SLICER TOMATO

<table>
<thead>
<tr>
<th><strong>Variety</strong></th>
<th><strong>Approximate Seed Count/lb.</strong></th>
<th><strong>Days</strong></th>
<th><strong>Color</strong></th>
<th><strong>Size</strong></th>
<th><strong>Growth</strong></th>
<th><strong>Disease Resistance</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Big Daddy</strong></td>
<td>124,000</td>
<td>78</td>
<td>Ruby red</td>
<td>15 oz. (425 g)</td>
<td>I</td>
<td>F1, V</td>
</tr>
<tr>
<td>Game-changing breakthroughs in taste, size, disease resistance and yield. Produces a long harvest of meaty, ruby red fruits.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Big Pink</strong></td>
<td>189,000</td>
<td>75</td>
<td>Pink</td>
<td>8-10 oz. (227-284 g)</td>
<td>I</td>
<td>F1, V</td>
</tr>
<tr>
<td>Strong plants grow to medium height and yield a harvest of smooth, rosy fruits from mid-season on.</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>Cloudy Day F1</strong></td>
<td>159,000</td>
<td>70</td>
<td>Red</td>
<td>5 oz. (141 g)</td>
<td>I</td>
<td>EB, F1, LB, V</td>
</tr>
<tr>
<td>Bred in England, Cloudy Day is excellent for growing in a northern climate. This plant does very well in cool, cloudy weather. It offers a high yield of tasty slicer fruit.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>Fourth of July F1</strong></td>
<td>168,000</td>
<td>49</td>
<td>Red</td>
<td>4 oz. (113 g)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td>Available as Ball Premier Line® seed. One of the earliest-producing varieties available, yielding small, luscious fruits until late Summer or early Fall.</td>
<td></td>
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</tr>
<tr>
<td><strong>Grand Slam F1</strong></td>
<td>161,000</td>
<td>74</td>
<td>Red</td>
<td>10-12 oz. (283-340 g)</td>
<td>D</td>
<td>F; N; TSWV, V</td>
</tr>
<tr>
<td>Grand Slam hits it out of the park, producing high yields of large, great-tasting slicer tomatoes all summer long.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>Madame Marmande F1</strong></td>
<td>154,000</td>
<td>72</td>
<td>Scarlet/light ruby striped</td>
<td>10 oz. (283 g)</td>
<td>I</td>
<td>F1, N, TMV, V</td>
</tr>
<tr>
<td>Broad-shouldered, juicy, succulent French tomato produces hefty scarlet and light-ruby fruits loaded with rich flavor. Won’t crack like other Marmande varieties. Great disease resistance package, too.</td>
<td></td>
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</tr>
<tr>
<td><strong>Orange Wellington</strong></td>
<td>158,000</td>
<td>75</td>
<td>Orange</td>
<td>12 oz. (340 g)</td>
<td>I</td>
<td>F2, V</td>
</tr>
<tr>
<td>Hardy, prolific plants bear meaty, nearly seedless orange fruits from mid to late season.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>Steak Sandwich Hybrid</strong></td>
<td>183,000</td>
<td>70</td>
<td>Red</td>
<td>10 oz. (284 g)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td>Compact, vigorous plants yield dozens of large fruits at a time. Harvest Summer through Fall.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>Summer Girl F1</strong></td>
<td>174,000</td>
<td>49-52</td>
<td>Red</td>
<td>5-6 oz. (141-170 g)</td>
<td>I</td>
<td>F1, TMV, TSWV, V</td>
</tr>
<tr>
<td>I Matures 1 week or more before Early Girl, with fruit up to 1.5 oz. (42 g) larger and 20% higher yields.</td>
<td></td>
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</tr>
<tr>
<td><strong>Tasti-Lee® F1</strong></td>
<td>187,000</td>
<td>75</td>
<td>Deep red</td>
<td>6-8 oz. (170-227 g)</td>
<td>D</td>
<td>F1&amp;2, V</td>
</tr>
<tr>
<td>Part of the BOOST Antioxidant Collection. Strong performing variety produces deep red fruits with superior sweet flavor and up to 40% more lycopene than similar types.*</td>
<td></td>
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</tr>
</tbody>
</table>

*Based on vegetables grown under our trial conditions and harvested when ripe. Actual harvest results may vary. TASTI-LEE is a registered trademark of Florida Foundation Seed Producers, Inc.
### SALADETTE/SAUCE TOMATO

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
<th>Size</th>
<th>Growth</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Big Mama Hybrid</strong></td>
<td>187,000</td>
<td>80</td>
<td>Red</td>
<td>4-6 oz. (113-170 g)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td>Plum-shaped, dripless and all-meat, perfect for bruschetta and light sauces.</td>
<td>152,000</td>
<td>65-75</td>
<td>Red</td>
<td>4 oz. (113 g)</td>
<td>D</td>
<td>F1&amp;2, N, V</td>
</tr>
<tr>
<td><strong>Gladiator F1</strong></td>
<td>182,000</td>
<td>72</td>
<td>Red</td>
<td>8 oz. (227 g)</td>
<td>I</td>
<td>Blossom End Rot</td>
</tr>
<tr>
<td>Beautiful, 8-oz. (227-g) paste tomato resists the number one complaint about paste tomatoes – a strong root system helps this plant resist damage from Blossom End Rot. Shown to resist calcium deficiency from Pennsylvania to California. Fruits set in abundance on this indeterminate plant that's excellent for slicing and making sauce.</td>
<td>152,000</td>
<td>70</td>
<td>Red</td>
<td>Up to 2 lb. (0.9 kg)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td><strong>SuperSauce F1</strong></td>
<td>182,000</td>
<td>72</td>
<td>Red</td>
<td>8 oz. (227 g)</td>
<td>I</td>
<td>Blossom End Rot</td>
</tr>
<tr>
<td>A true game changer – it's the world's largest sauce tomato! Very prolific plants produce many huge, easy-to-peel tomatoes that are red, meaty, flavorful and nearly seedless.</td>
<td>231,000</td>
<td>50-55</td>
<td>Red</td>
<td>1 oz. (28 g)</td>
<td>Semi-D</td>
<td>F1, V</td>
</tr>
<tr>
<td><strong>Baby Boomer F1</strong></td>
<td>231,000</td>
<td>50-55</td>
<td>Red</td>
<td>1 oz. (28 g)</td>
<td>Semi-D</td>
<td>F1, V</td>
</tr>
<tr>
<td>Very prolific plants yield 300 or more 1-in. (3-cm) tomatoes right up until frost. Compact, whorled plants are perfect for patio planters; should be caged.</td>
<td>115,000</td>
<td>48</td>
<td>Red</td>
<td>0.4 oz. (12 g)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td><strong>Cherry Punch</strong></td>
<td>255,000</td>
<td>65</td>
<td>Red</td>
<td>1.5 oz. (42 g)</td>
<td>Semi-D</td>
<td>ToMV 1,2</td>
</tr>
<tr>
<td>Part of the BOOST Antioxidant Collection. Available as Ball Premier Line® seed. Tiny red tomatoes deliver high, early yields with 30% more vitamin C and 40% more lycopene than the average garden tomato.*</td>
<td>255,000</td>
<td>65</td>
<td>Red</td>
<td>1.5 oz. (42 g)</td>
<td>Semi-D</td>
<td>ToMV 1,2</td>
</tr>
<tr>
<td>*Based on vegetables grown under our trial conditions and harvested when ripe. Actual harvest results may vary.</td>
<td>115,000</td>
<td>48</td>
<td>Red</td>
<td>0.4 oz. (12 g)</td>
<td>I</td>
<td>–</td>
</tr>
</tbody>
</table>

*Based on vegetables grown under our trial conditions and harvested when ripe. Actual harvest results may vary.

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
### SMALL-FRUITED TOMATO continued

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb</th>
<th>Days</th>
<th>Color</th>
<th>Size</th>
<th>Growth</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Napa Grape Hybrid</strong> Available as Ball Premier Line® seed.</td>
<td>272,000</td>
<td>65</td>
<td>Red</td>
<td>1 oz. (28 g)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td><strong>Power Pops</strong> Part of the BOOST Antioxidant Collection. Available as Ball Premier Line® seed.</td>
<td>182,000</td>
<td>45</td>
<td>Red</td>
<td>0.35 oz. (10 g)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td><strong>Shimmer F1</strong> The gorgeous green/gold/burgundy fruits of Shimmer are sure to inspire everyone’s inner foodie. These are absolute beauties with a sweet taste.</td>
<td>236,000</td>
<td>70</td>
<td>Green/gold/burgundy</td>
<td>1.5 oz. (43 g)</td>
<td>I</td>
<td>Bacterial speck; BLS; F1,3; N; St; TMV; V2</td>
</tr>
<tr>
<td><strong>Solar Power</strong> Part of the BOOST Antioxidant Collection. Available as Ball Premier Line® seed.</td>
<td>142,000</td>
<td>63</td>
<td>Orange</td>
<td>2.5 oz. (72 g)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td><strong>Sweetheart of the Patio</strong> Semi-cascading, compact plants are ideal for baskets and planters. Produces super-sweet, snack-ready grape tomatoes all through the Summer.</td>
<td>231,000</td>
<td>68</td>
<td>Red</td>
<td>1 oz. (28 g)</td>
<td>Semi-D LB</td>
<td></td>
</tr>
<tr>
<td><strong>New Tasti-Wee</strong> Part of the BOOST Antioxidant Collection. This crack-resistant tomato contains up to 40% more lycopene than similar types.* Manageable on a 72-in. (183-cm) stake with a good disease resistance package. *Based on vegetables grown under our trial conditions and harvested when ripe. Actual harvest results may vary. TASTI-WEE is a registered trademark of Florida Foundation Seed Producers, Inc.</td>
<td>201,000</td>
<td>76</td>
<td>Red</td>
<td>1 oz. (28 g)</td>
<td>F1-3, TSWV, V</td>
<td></td>
</tr>
</tbody>
</table>

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**TAKE 2 COMBOS (Components must be ordered separately)**

- **Action** BushSteak Beefsteak & Baby Boomer Small-Fruited Tomatoes
- **Blockbuster** BushSteak Beefsteak & Indigo™ Fireball Small-Fruited Tomatoes
- **Camera** Homestyle Slicer & Sweetheart of the Patio Small-Fruited Tomatoes
Paparazzi® Series

Height: 10 to 15 in. (25 to 38 cm)
Spread: 10 to 15 in. (25 to 38 cm)
Flower size: 3.5 to 4 in. (9 to 10 cm)
Available as Ball Premier Line® seed.

Petunias will go wild for these big-bloomed grandiflora stars in exciting colors – now you can offer decorator options in a consumer favorite class! Suitable for pots, combo planters and baskets, this star-quality collection is a must for today’s trend-conscious shopper.

• Fashion Cherry
• Glamour Pink
• Glitz Yellow
• Midnight Blue
• Palladium Purple
• White Diamonds

ZINNIA

Champagne Toast

Height: 14 to 18 in. (36 to 46 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Available as Ball Premier Line® seed.

Large, double pink blooms bring an elegant touch to mixed containers and gardens, as well as indoor vase arrangements. A low-water, easy-care variety.

White Wedding

Height: 14 to 18 in. (36 to 46 cm)
Spread: 10 to 12 in. (25 to 30 cm)
Available as Ball Premier Line® seed.

Soft, double white blooms add a little romance to Summer containers and landscapes, and thrive all season long without a trace of maintenance or water. Nice cut flower, too.

Order all the products in this catalog using WebTrack®.

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VEGETATIVE VARIETIES

Summer Snap (Angelonia)
Archangel™
Bacopa
MegaCopa®
Begonia
Sparks Will Fly
Bidens
Sunbeam
Calibrachoa
Isabel®
Coleus
Henna
Lava Rose
Marquee™
Redhead
Vino
Wasabi
Cuphea
Firecracker
Euphorbia
Breathless®
Gaura
Belleza™
Geranium
Fantasia®
Impatiens
Patchwork™
Double Impatiens
Fiesta™
New Guinea
Impatiens
Clockwork™

SEED VARIETIES

Alyssum
Clear Crystal®
Summer Snap (Angelonia)
Serena®
Begonia
Dragon Wing®
Coleus
Chocolate Covered Cherry
Dianthus
Bouquet™
Dichondra
Silver Falls
African Marigold
Taishan®

French Marigold
Durango®
Petunia
Paparazzi®
Salvia
Vista™
Snapdragon
Snapshot™
Verbena
Quartz XP
Zinnia
Champagne Toast*
White Wedding*
*Exclusively Burpee!
VEGETABLES

Arugula Astro  
Arugula SimplySalad  
Asparagus UC 157-F2  
Bean Navarro  
Bean Victor  
Beet Chioggia Guardsmark  
Beet Merlin  
Beet Touchstone Gold  
Broccoli Destiny  
Broccoli Lieutenant  
Brussels Sprouts Franklin  
Cabbage Big Flat Head  
Cabbage Fast Vantage  
Cabbage Primo Vantage  
Cabbage Red Jewel  
Cabbage Sweet Slaw  
Cabbage Sweet Thang  
Carrot Duquesa  
Carrot Orangeblaze  
Cauliflower Cheddar  
Cauliflower Steady  
Collards Top Bunch 2.0  
Sweet Corn American Dream  
Sweet Corn Obsession  
Cucumber Diva  
Cucumber Gateway  
Cucumber GherKing  
Cucumber Mexican Sour Gherkin  
Eggplant Classic  
Eggplant Fairy Tale  
Eggplant Gretel  
Eggplant Hansel  
Eggplant Shikou  
Fennel Orion  
Kale Dinosaur  
Kale Redbor  
Kale Starbor  
Kale Winterbor  
Kohlrabi Quickstar  
Lettuce Amanda  
Lettuce Butter King  
Lettuce New Red Fire  
Lettuce Valley Heart  
Melon Ambrosia  
Melon Atlantis  
Melon Snow Mass  
Mustard Mizuna Miz America  
Mustard Savanna  
Onion Candy  
Onion Parade Bunching  
Onion Red Baron Bunching  
Onion Red Carpet  
Onion Sierra Blanca  
Pak Choi White  
Pepper Ají Rico  
Pepper Arapahoe  
Pepper Better Belle IV  
Pepper Biscayne  
Pepper Carranza  
Pepper Desperado  
Pepper Durango  
Pepper Hunter  
Pepper La Bomba II  
Pepper Mad Hatter  
Pepper New Ace  
Pepper Nikita  
Pepper Orange Blaze  
Pepper Primero Red  
Pepper Red Knight  
Pepper Revolution  
Pepper Roulette  
Pepper Snackabelle Red  
Pepper Spicy Slice  
Pepper Sriracha  
Pepper Sureno  
Pepper Trident  
Pumpkin Autumn Gold  
Pumpkin Baby Bear  
Pumpkin Hijinks  
Pumpkin Magic Lantern  
Radish Easter Egg II Mix  
Spinach Green Beret  
Spinach Seaside  
Squash Balls Zucchini II  
Squash Butterbaby  
Squash EasyPick Gold II  
Squash EasyPick Green  
Squash Endeavor  
Squash Noche  
Squash Primavera  
Squash Sunny Delight  
Squash Table Ace  
Squash Tivoli  
Swiss Chard Bright Lights  
Swiss Chard Northern Lights  
Tomato Bella Rosa  
Tomato Big Beef  
Tomato Biltmore  
Tomato Braveheart  
Tomato Buffalosteak  
Tomato Bush Champion II  
Tomato Bush Early Girl  
Tomato Camaro  
Tomato Candyland Red  
Tomato Carmello  
Tomato Champion II  
Tomato Chocolate Sprinkles  
Tomato Cupid  
Tomato Damsel  
Tomato Early Girl  
Tomato La Roma III Red  
Tomato Midnight Snack  
Tomato Mountain Magic  
Tomato Mountain Merit  
Tomato Phoenix  
Tomato Purple Boy  
Tomato Red Racer  
Tomato Ruby Crush  
Tomato Rugged Boy  
Tomato Sugar Rush  
Tomato Sun Gold  
Tomato Sunrise Sauce  
Tomato Super Fantastic  
Tomato Supersonic  
Tomato Sweet Treats  
Tomato Sweet Zen  
Tomato Tomatoberry Garden
The Ball Field Collection includes a carefully selected assortment of our most popular varieties, delivered to you on time and on spec from the best supply chain in the industry – so you can buy and grow with confidence.

In this list, you’ll find proven performers that have been specially chosen for growers that are serving farmers markets and farm stand customers.

HERBS

Basil Dolce Fresca
Basil Eleonora
Basil Everleaf Emerald Tower
Basil Everleaf Genovese
Basil Newton
Basil Rutgers DMR Devotion
Basil Rutgers DMR Obsession
Basil Rutgers DMR Passion
Basil Rutgers DMR Thunderstruck
Basil Super Sweet Genovese
Basil Sweet Nufar
Chives Garlic
Chives Garlic
Chives Onion
Chives Staro
Cilantro Santo
Dill Dukat
Lemongrass
Oregano Italian
Parsley Forest Green
Parsley Italian Dark Single
Parsley Triple Curled
Rosemary
Sage
Thyme Summer (French)

CUT FLOWERS

Ageratum Horizon Blue
Anmi Queen of Africa
Asclepias Silky Series
Bells of Ireland
Cosmos Sonata Series
Delphinium Belladonna
Delphinium Bellamosum
Delphinium Casablanca
Delphinium Blue Donna
Delphinium Magic Fountain Series
Delphinium Pacific Giants Series
Dianthus Amazon Series
Dianthus Sweet Series
Eucalyptus Silverdrop
Gomphocarpus Hairy Balls
Gomphrena Fireworks
Gomphrena QIS Series
Larkspur QIS Series
Limonium (Static) QIS Series
African Marigold Nosento
Limegreen
Matthiola Katz Hi Double
Matthiola Katz
Matthiola Column Non-Selectable Series
Snapdragon Rocket Series
Sunflower Double Quick Orange
Sunflower Full Sun
Sunflower Jua Series
Sunflower Pro Cut Series
Sunflower Sunbright
Sunflower Sunrich Series
Sunflower Sun-Fill Series
Sunflower Vincent Series
Sunflower Ziggys Yellow Brown
Bicolor
Sweet Pea Mammoth Series
Zinnia Benary’s Giant Series
Zinnia Cut & Come Again Mix
Zinnia Oklahoma Mix
Zinnia Queen Series
Zinnia Queeny Lime Orange

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### Discontinued Varieties for 2021

<table>
<thead>
<tr>
<th>ANNUALS</th>
<th>Discontinued Variety</th>
<th>Recommended Replacement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alyssum Easter Bonnet Lavender</td>
<td>Wonderland Lavender</td>
<td></td>
</tr>
<tr>
<td>Alyssum Easter Bonnet Lemonade</td>
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<td></td>
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<tr>
<td>Alyssum Easter Bonnet Peach</td>
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<tr>
<td>Angelonia Serenita Lavender Pink</td>
<td>Serenita Lavender</td>
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<tr>
<td>Begonia Maestro Mix</td>
<td>Maestro Plus Mix</td>
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<td>Begonia AmeriHybrid Picotee Calypso</td>
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<td>Begonia AmeriHybrid Picotee Lace Apricot</td>
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<td>Begonia AmeriHybrid Picotee Salmon</td>
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<td>Begonia AmeriHybrid Ruffled Coral Salmon</td>
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<td>Begonia Fortune Deep Rose</td>
<td>Nonstop Deep Rose</td>
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</tr>
<tr>
<td>Cyclamen Snowridge Mini Wire</td>
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<tr>
<td>Gerbera Bengal Orange</td>
<td>–</td>
</tr>
<tr>
<td>Gerbera Bengal Orange With Eye</td>
<td>Mega Revolution Orange With Dark Eye</td>
</tr>
<tr>
<td>Gerbera Bengal Red With Eye</td>
<td>–</td>
</tr>
<tr>
<td>Gerbera Bengal Rose With Eye</td>
<td>–</td>
</tr>
<tr>
<td>Gerbera Bengal White</td>
<td>Mega Revolution White With Light Eye</td>
</tr>
<tr>
<td>Gerbera Bengal Yellow With Eye</td>
<td>–</td>
</tr>
<tr>
<td>Gerbera Cartwheel Glowing Ember</td>
<td>–</td>
</tr>
<tr>
<td>Gerbera Jaguar Tangerine With Dark Eye</td>
<td>Royal Apricot Dark Eye</td>
</tr>
<tr>
<td>Gerbera Revolution Orange With Light Eye</td>
<td>Majorette Sunset Orange Light Eye</td>
</tr>
<tr>
<td>Gerbera Royal Lemon Light Eye</td>
<td>Jaguar Yellow Light Eye</td>
</tr>
<tr>
<td>Gerbera Royal Semi-Double Vanilla With Dark Eye</td>
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<tr>
<td>Primula Optic Blue</td>
<td>Danova Blue</td>
</tr>
<tr>
<td>Primula Oregon Mix</td>
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<tr>
<td>Primula Pioneer PG Blue</td>
<td>Danova Blue</td>
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<td>Primula Pioneer PG Burgundy Flame</td>
<td>Danova Burgundy Bicolor</td>
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<tr>
<td>Primula Pioneer PG Rose</td>
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<td>Primula Pioneer PG Scarlet</td>
<td>Danova Red</td>
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<td>Primula Pioneer PG Violet Flame</td>
<td>Danova Wine Bicolor</td>
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<td>Primula Pioneer PG White Eye</td>
<td>Danova White</td>
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<tr>
<td>Primula Pioneer PG Yellow</td>
<td>Danova Yellow With Eye</td>
</tr>
<tr>
<td>Primula Pioneer PG Mix</td>
<td>Danova Grower's Select Mix</td>
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</tbody>
</table>

Order at ballseed.com/webtrack or 800 879-BALL 291
MANDATORY ARBITRATION

ANY CLAIM WHICH PURCHASER MAY HAVE AGAINST SELLER ARISING OUT OF OR RELATING TO THE SALE OF THE MERCHANDISE SHALL BE SETTLED BY BINDING ARBITRATION IN ACCORDANCE WITH THE COMMERCIAL ARBITRATION RULES OF THE AMERICAN ARBITRATION ASSOCIATION, SAID ARBITRATION TO BE VENUE IN COOK OR DUPAGE COUNTIES, ILLINOIS. The laws of several states require arbitration, conciliation or mediation of disputes due to allegedly defective seed before legal action may be taken. Purchaser should contact the State Department of Agriculture for information. Such laws typically require that a complaint be filed with the State Department of Agriculture in time to permit inspection of the seed, crops or plants. If such a complaint is filed, a copy must be sent to Seller by registered or certified mail.

GOVERNING LAW, JURISDICTION & VENUE

The laws of the State of Illinois, including but not limited to the Uniform Commercial Code as adopted therein, shall govern all matters arising out of or relating to Seller’s sale of merchandise. ANY DISPUTE NOT SUBJECT TO ARBITRATION AND ANY ACTION TO ENFORCE AN ARBITRATION AWARD ARISING OUT OF OR RELATING TO THE SALE OF MERCHANDISE HEREUNDER SHALL BE MAINTAINED IN THE STATE OR FEDERAL COURTS LOCATED IN DUPAGE OR COOK COUNTIES, ILLINOIS, AND PURCHASER SUBMITS TO THE JURISDICTION OF AND VENUE IN SAID COURTS.

INDEMNITY

By accepting merchandise, Purchaser agrees to defend Seller, to hold it harmless and indemnify it from and against any claim or loss asserted by any or all transferees of such merchandise or users of the products of such merchandise who are not notified by Purchaser in writing of limitation of Warranty, Limitation of Remedy, Mandatory Arbitration, Governing Law Jurisdiction and Venue, and Notice Regarding Seed–Borne Diseases in language substantially equivalent to that contained in these Terms & Conditions of Sale.

PRICES

All prices are subject to change without notice. The price in effect at time of shipment will prevail. Prices do not include installation; Seller takes no responsibility, and shall have no liability for installation. Requests to package seed in unlisted sizes will incur a charge of $0.75 per packet. Additional processing and hand finishes may be charged.

PAYMENT

Payment is due in invoiced currency and in accordance with the terms specified on invoice. In the event of default in the payment of any amount due, and in addition to all other rights and remedies available to Seller, SELLER SHALL BE ENTITLED TO COLLECT A LATE CHARGE OF 2% PER MONTH (24% PER YEAR) OR THE MAXIMUM RATE ALLOWED BY LAW, WHICHEVER IS LESS, ON ALL AMOUNTS PAST DUE FROM THE DATE DUE UNTIL THE DATE PAID. A FEE OF $25.00 WILL BE CHARGED FOR ANY RETURNED CHECK, DECLINED CREDIT CARD TRANSACTION OR DECLINED BANK CARD TRANSACTION.

FREIGHT & HANDLING CHARGES, INSPECTION, DAMAGED GOODS

The freight and handling charge on Purchaser’s invoice covers shipment of the merchandise to Purchaser’s destination, and replacement or credit for damaged merchandise if the steps listed here are followed. PURCHASER WILL NOT REFUSE OR RETURN GOODS, OR THE RIGHT TO FILE A CLAIM IS LOST AND PURCHASER WILL STILL BE LIABLE FOR THE MATERIAL AND THE FREIGHT. When Purchaser receives shipment:

1) Count all cartons. 2) Inspect all cartons for external damage. 3) Check for open or resealed cartons. 4) Note any damages, shortages, open or resealed cartons on the delivery receipt; it is seller’s representative must also sign the receipt. 5) Open all boxes immediately and inspect for damage due to weather–related issues, such as scorched leaves or broken plants; material shortages; etc. NOTIFY SELLER IMMEDIATELY IF A SHIPMENT IS DAMAGED. Call the Ball Traffic Department at 800 879—BALL to report the damage and receive details on what is needed to file a claim.

CANCELLATION POLICY

Cancellations for unrooted cuttings must be received at least thirty (30) days prior to scheduled ship date. Cancellations for rooted or seed–raised plugs must be received prior to pick or store date.

NOTICE & RETURN

Seller shall have no liability for any defect unless notice is given promptly, not to exceed thirty (30) days after such a defect is or should have been discovered. The buyer is limited to six months from the ship date. Issues that arise past six months will not be considered. No merchandise may be returned without the Seller’s prior written authorization. Requests to return merchandise must be made within ten (10) days after delivery. All returns must be in accordance with Seller’s shipping instructions with freight paid by Purchaser. All requestss for return of merchandise must be made to Ball at 800 879—BALL. The Purchaser will also be asked to provide a letter stating the reason for the return.

The order number or invoice number must accompany the return in order to expedite the credit. NOTE: No seed will be accepted without prior notification to Ball at 800 879—BALL. Effective immediately, seed that is returned without authorization will not be accepted and credit will not be issued. For all Purchasers in the United States, a FedEx call tag will be issued upon authorization of return. There is a $10.00 freight charge for the FedEx return. Seed must be returned in the original condition within thirty (30) days of the ship date for credit. No open packages will be accepted. If seed is returned within thirty–one (31) to sixty (60) days after ship date, full credit will be given but a 15% restocking charge will be assessed.

No credit or replacement will be given for seed returned after sixty–one (61) days from our ship date. Because Ball® Controlled Growth seed is perishable and has a shorter shelf life, no returns of these products will be accepted.

DELAYS, SHORTAGES & SUBSTITUTIONS

Seller shall not be responsible for delays in delivery or for losses resulting from such delays. Seller reserves the right to make substitutions. In the event of shortages, Seller may substitute such other, similar merchandise as is available.

PLANT PROTECTION

Varieties described herein may be protected by United States Plant Variety Protection, United States Plant Patents, Utility Patents, and/or Plant Breeders’ Rights. Many of the varieties are also protected by the Flowering—Only License Agreement as well as registered with the Canadian Ornamental Plant Foundation. These varieties may not be reproduced without authorization. The breeder or authorized representative of the breeder has the right to inspect Purchasers’ nurseries during normal business hours to assess compliance with the restrictions on use of protected varieties.

TRADEMARKS

Trademarks are the property of Ball Horticultural Company, unless otherwise indicated.

SALES LIMITATIONS

EXPORT CONTROL. THE COMPANY’S PRODUCTS MAY NOT BE SOLD, DIVERTED, TRANSFERRED OR RE-EXPORTED, DIRECTLY OR INDIRECTLY, TO ANY INDIVIDUAL, ENTITY, OR DESTINATION THAT IS SUBJECT TO UNITED STATES OR UNITED NATIONS SANCTIONS PROGRAMS OR EMBARGOES (INCLUDING BUT NOT LIMITED TO OFAC SANCTIONS PROGRAMS AND THOSE LISTED ON OFAC’S “SPOKES LIST” OR “DESERTER PERSONALITIES LIST”) WITHOUT AN APPROPRIATE EXPORT LICENSE.

FOREIGN CORRUPT PRACTICES ACT. EACH PARTY REPRESENTS AND WARRANTS TO THE OTHER THAT IT WILL TAKE NO ACTION IN RELATION TO THIS TRANSACTION THAT WOULD BE IN VIOLATION OF THE APPLICABLE LAWS AND REGULATIONS OF ANY COUNTRY AND THE UNITED STATES OF AMERICA. NO PAYMENTS OF MONEY OR ANYTHING OF VALUE WILL BE OFFERED, PROMISED OR PAID, DIRECTLY OR INDIRECTLY TO ANY OFFICIALS TO INFLUENCE THE ACTS OF SUCH OFFICIALS TO INDUCE THEM TO USE THEIR INFLUENCE WITH A GOVERNMENT OR AN INSTRUMENTALITY THEREOF; OR TO OBTAIN AN INIMPROVEMENT ADVANTAGE.

NOTICE REGARDING SEED–BORNE DISEASES

Seller makes no representation regarding the freedom from seed–borne diseases of the seed sold and disclaims any liability relating to such diseases, whether previously known to exist or not identified until this seed is grown.
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