When sourcing seeds, plugs, cuttings or liners for your business from Ball Seed®, our commitment is to have the products you need and to deliver them to you on time, as ordered, and with top quality. Ball is continuously investing in teams of people ready to help serve your business. We are also investing in products and delivery methods to improve the quality and reliability of every order you place with us.

JIM KENNEDY
DIRECTOR OF NORTH AMERICAN SALES

DO YOU HAVE IT? CAN I GET IT?

The power of plants and gardening is propelling growth in our industry. If we let it, the craziness of the global supply chain might constrain us. When you work with all of us at Ball Seed, we can share ideas and insights on how best to navigate the supply chain and secure the products you need to run your business. Planning, pre-booking and pricing are key areas to make time to consider in preparation for the 2023 and 2024 seasons.

As you plan your production, look for these top new introductions: Solarscape™ Impatiens, Flamma Celosia, Beehive White Pentas, Megawatt™ White Begonia, and Goldblitz Rudbeckia. We are also excited to offer several new cut flowers (page 177) and vegetable varieties (page 197) from the best breeders.

Our goal continues to be to help every grower in North America achieve their goal in 2023. Every seed counts.

Thank you for entrusting your business to Ball Seed.

630 588-3464
j kennedy@ballhort.com
WELCOME TO YOUR 2023-2024 CATALOG!

Ball Seed has the plants, products and services to help make your growing season a success. All our seed, plugs, unrooted cuttings, liners, bulbs and bare root are available on WebTrack®, our online ordering system. You’ll also find greenhouse equipment, soil and media, and technical support for growers of all sizes. Your Ball Seed sales representative will work with you to customize solutions to improve your business. Contact us today!

PAGE 13
annuals
Season-long color for gardens and containers.

PAGE 131
grasses
Create eye-catching designs.

PAGE 137
perennials
Color that comes back year after year.

PAGE 161
potted plants
Instant indoor décor.

PAGE 177
cut flowers
Beautiful bouquets start right here.

PAGE 197
vegetables
All you need to go from garden to table.
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.

Count on Ball Seed® for:

- 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 that takes seed from good to great.
- Industry-leading packaging and storage conditions that give you the freshest seed...easier sowing and storage...and the extra edge in production tracking.
THE BEST INPUTS GROW THE BEST PLANTS

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

FUSEABLES® PRECISION™ MULTI-PELLETS (PMPL)
See p. 56 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.
- Single-Species Coleus
- Single-Species Petunia
- Multi-Species

AMPLIFIED SEED (AMP)
Enhanced through a proprietary process for fast, uniform germination.
- Echinacea

TREATED NON-CHEMICAL
Seed has been disinfected without the use of fungicides, reducing the seedling pathogens on the seed.
- Salvia

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

PELLETED SEED (PL)
Applying a uniform pellet for small seed items improves visibility and makes seeder pick-up easier.
- Achillea
- Ageratum
- Angelonia
- Aralis
- Astilbe
- Basil
- Begonia
- Bellis
- Calceolaria
- Campanula
- Celosia
- Coleus
- Dianthus
- Digitalis
- Dusty Miller (pelleted)
- Exacum
- Gloxinia
- Heuchera
- Isotoma
- Juncus Grass
- Lavandula
- Linaria
- Lisianthus
- Lobelia
- Matricaria
- Mimulus
- Nemesia
- Nicotiana
- Pentas
- Petunia
- Plectranthus
- Portulaca
- Ranunculus
- Rudbeckia
- Sedum
- Sempervivum
- Snapdragon
- Stevia
- Tanacetum
- Torenia
- Trachelium
- Verbasum

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.
- Celosia
- Carthamus
- Celery
- Helianthus (Sunflower)
- Pepper

PLUG TESTING
All Ball Premier Line seed is plug tested.

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

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, Nicholas Flax and Nathan Jahnke. 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® BFtV, 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 ANNUALS
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Plus, dozens of new and improved varieties in already popular series.
AGERATUM

Ageratum houstonianum (Floss Flower)

Crop Time: Packs, 12 to 13 weeks

**Aloha F₁ 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™ Blue F₁**

**Height:** 14 to 16 in. (36 to 41 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.

**ALCEA**

Also see Perennials.

**Alcea rosea** annua (Hollyhock)

**Spring Celebrities Series**

**Height:** 24 to 32 in. (61 to 81 cm)
**Spread:** 18 to 24 in. (46 to 61 cm)

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**
- **Mix** Includes double and semi-double blooms.

**ALTERNANTHERA**

**Alternanthera 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.

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

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 as an eye-catching spiller in containers. May flower under very short days; light plants at that time of year to prevent bud formation.
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.

**New Sweetie Series**

- **Height:** 3 to 5 in. (8 to 13 cm)
- **Spread:** 6 to 10 in. (15 to 25 cm)
- **Crop Time:** 8 to 10 weeks
- Features a genetically compact, spreading habit. Very uniform, floriferous bedding plant. Pollinator friendly.
  - Lavender
  - Lemon Yellow
  - Pink
  - Rose
  - White
  - Mix
    - May contain most or all colors in the series.

**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.

**New Yeti Big White**

- **Height:** 3 to 5 in. (8 to 13 cm)
- **Spread:** 6 to 10 in. (15 to 25 cm)
- **Available as Ball Premier Line® seed.**
- Highly branched with dense racemes of small flowers. Pollinator friendly.
  - Lavender Shades
  - Purple Shades
  - White
  - Mix
    - May contain most or all colors in the series.

**Easter Bonnet Series**

- **Height:** 4 to 10 in. (10 to 25 cm)
- **Spread:** 10 to 12 in. (25 to 30 cm)
- **Crop Time:** Packs, 6 to 8 weeks
- Compact, uniform and early-blooming series, matched in habit and flowering, is offered in a full color range.
  - Deep Pink
  - Deep Rose
  - Violet
  - White
  - Mix
    - May contain most or all colors in the series.

**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.

**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.

**AMARANTHUS**

**Amaranthus gangeticus** (Joseph’s Coat)

**Carnival**

- **Height:** 48 in. (122 cm)
- **Spread:** 18 to 24 in. (46 to 61 cm)
- **Crop Time:** Packs, 3.5-in. (9-cm) pots: Sow in February and March for April and May sales.
- 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.

**AMMI** See Cut Flowers.
ANEMONE  Also see Cut Flowers.

Harmony Series

**Height:** 22 to 24 in. (56 to 61 cm)

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

Dwarf series makes a colorful potted plant for Spring holiday sales, and can then be planted outdoors in the garden for Summer flowering. Best-suited to 6-in. (15-cm) and gallon containers.

- Blue
- Burgundy
- Orchid
- Scarlet
- White
- Mix

May contain most or all colors in the series.

Harmony Double Series

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

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

Sister series to Harmony offers compact plants topped with unique double flowers for lots of color. Great in gardens and containers.

- Blue
- Pink
- Rose
- Scarlet
- White
- Mix

May contain most or all colors in the series.

ANGELONIA

Angelia angustifolia (Summer Snap)

Serena® F1 Series

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

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

A PanAmerican Seed® Product.

Available as Ball Premier Line® seed.

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

No stick, no pinch...just sow and go!

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.

- Blue
- Purple
- Rose
- White
- Mix

Blue, Purple, Rose, White.

- Waterfall Mix

Includes Purple plus a sky blue and white segregating mix (not available separately).

Serenita® F1 Series

**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.

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

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

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.

- Lavender
- Pink
- All-America Selections Winner
- Purple
- Raspberry
- Rose
- Sky Blue
- White
- Mix

Lavender, Pink, Purple, Raspberry, Sky Blue, White.

WEBTRACK®

Make seed order management simple and smarter. Keep track of seed purchasing, receiving and planning.

Serenita (left) delivers a more compact and controlled version of Serena (right) with the same crop time.
Sprengeri

Height: 24 to 36 in. (61 to 91 cm)
Spread: 24 to 36 in. (61 to 91 cm)
Darker green, coarser leaves than A setaceous.

Asparagus macowanii (Ming Fern)

Ming Fern

Height: 48 to 72 in. (122 to 183 cm)
Produces white flowers in the Spring to early Summer. A native to arid regions of South Africa, this is a very drought-tolerant plant.

Asparagus plumosus (Asparagus Fern)

Plumosus

Height: 61 to 91 in. (155 to 231 cm)
Spread: 61 to 91 in. (155 to 231 cm)
Soft, needlelike leaves that cascade down a container.

ASTILBE See Perennials.

AUBRIETA See Perennials.

ARMERIA See Perennials.

ASCLEPIAS Also see Perennials and Cut Flowers.

Asclepias curassavica

Silky Series

Height: 24 to 28 in. (61 to 71 cm)
A PanAmerican Seed® Product.
Strong-stemmed plants have intensely colored blooms all Summer.
• Deep Red Golden yellow centers.
• Gold

Red Butterfly

Height: 24 to 28 in. (61 to 71 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

Asparagus densiflora (Foxtail Fern)

Mazeppa

Height: 24 to 36 in. (61 to 91 cm)
Spread: 24 to 36 in. (61 to 91 cm)
Evergreen tuberous plant with linear feathery leaves on long, arching stems. During Summer, small white flowers are produced, followed by bright red berries.

Asparagus densiflorus/Asparagus meyerii (Asparagus Fern)

Meyerii

Height: 24 to 36 in. (61 to 91 cm)
Spread: 24 to 36 in. (61 to 91 cm)
Deep green, tapered, foxtail-like spikes.

AQUILEGIA See Perennials.

ARABIS See Perennials.

BLTIS See Perennials.

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 66.

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 4.5 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 Brings a bright pink bloom and brighter green leaves to the collection.
• Snowtopia White.
BEGONIA

*Begonia x benariensis*  
(Fibrous-Rooted Landscape Begonia)

**Whopper® F1 Series**

**Height:** 30 to 34 in. (76 to 86 cm)  
**Spread:** 22 in. (56 cm)

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

Bred by Benary.

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.

Whopper produces extra-large flowers, up to 3 in. (7 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*

**Tags from your preferred supplier.**

Branded pots from your preferred supplier.

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

**FREE 16x30-in. (41x76-cm) Cart Sign**

**Take sales to a new level with Whopper marketing tools.**
BIG F 1 Series
Height: 20 to 28 in. (51 to 71 cm)
Spread: 16 to 20 in. (41 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.
- Deep Rose With Bronze Leaf
- Pink With Bronze Leaf
- Pink With Green Leaf
- Red With Bronze Leaf
- Red With Green Leaf
- Rose With Bronze Leaf
- Rose With Green Leaf
- White With Green Leaf

Encore IV Series
Height: 14 to 16 in. (36 to 41 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.
Vigorous, robust, green-leafed plants fill in fast and cover the soil well for a good show at retail and excellent outdoor performance.
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 F 1 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, featuring good uniformity and early flowering.
- Pink
- Red Fleuroselect Gold Medal
- Rose
- White

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

**Begonia interspecific**

**New Hula™ F1 Series**

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

**Spread:** 20 to 27 in. (51 to 69 cm)

*A PanAmerican Seed® Product.

Available as Ball Premier Line® seed.

This unique, spreading type of begonia is highly branched with lots of small flowers. Provides an instant performance advantage for landscapers, with masses of flowers showing on top. The series is daylength neutral and it is the earliest interspecific begonia to flower.

- Bicolor Red White
- Blush
- Pink
- Red

WINGED BEGONIA

**Begonia x hybrida**

**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® F1 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 Novel color pattern with a hint of “orange glow.” Slightly smaller flowers than others in the series, but very floriferous for the same overall flower power.
- Pink
- Red
- **New White** Starts flowering around 2 to 12 days earlier than Pink, with a slightly wider habit; can blush in warmer conditions.

**Begonia x benariensis**

**Begonia x hybrid** (Interspecific Begonia)

**New Bionic F1 Series**

**Height:** 20 to 24 in. (51 to 61 cm)

**Spread:** 25 to 28 in. (64 to 71 cm)

*A PanAmerican Seed® Product.

Available as Ball Premier Line® seed.

Extra-large flowers and exceptionally well-branched, symmetrical plant habit offer a superior pot and garden fill.

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

**Dragon Wing® F1 Series**

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

**Spread:** 15 to 19 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
- **New White** Starts flowering around 2 to 12 days earlier than Pink, with a slightly wider habit; can blush in warmer conditions.

**Dragon Wing® Begonia**

**New Hula™ Blush Begonia**

**BabyWing White Bronze Leaf Begonia**

**BabyWing Bicolor Begonia**

**Dragon Wing Pink Begonia**

**NEW Dragon Wing White Begonia**

**NEW Bionic Pink Green Leaf Begonia**

**NEW Bionic Red Green Leaf Begonia**

**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.**

**NEW Bionic Pink Green Leaf Begonia**

**NEW Bionic Red Green Leaf Begonia**

**Ball Seed.**

**20 BEGONIA**
**Begonia interspecific**

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

**Megawatt™ F: Series**

- **Height:** 20 to 28 in. (51 to 71 cm)
- **Spread:** 16 to 24 in. (41 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**
- **New Rose Bronze Leaf Improved**
  - Offers better variety purity, eliminating green leaf off-types, with deeper bronze foliage color and improved plant habit.
- **Rose Green Leaf**
- **New White Green Leaf**
  - Starts to flower slightly earlier than other series varieties (5 to 10 days), but it is a more true, larger-format type than the competition.

**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-leaved and upright habit. Bred for versatility. Finishes at least 1 week earlier than its leading competitors.

- **Pink Green Leaf**
- **Rose Bicolor Green Leaf**
- **Scarlet Green Leaf**
- **White Green Leaf**

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INTERSPECIFIC BEGONIA continued

**Viking Series**
- **Height:** 20 to 24 in. (51 to 61 cm)
- **Spread:** 24 to 28 in. (61 to 71 cm)
- Available as Ball Premier Line® seed.
- **Crop Time:** 6-in. (15-cm) pots, 14 to 18 weeks; 12-in. (30-cm) baskets, 16 to 19 weeks

High-impact color makes this all-weather begonia ideal for the landscape and containers! Large plants are loaded with flowers, and include green and bronze leaves, as well as deep chocolate leaf colors that no other series in this class offers.

- **Coral Flame on Bronze**
- **Coral Flame on Green**
- **Pink on Chocolate**
- **Pink on Green**
- **Red on Bronze**
- **Red on Chocolate All-America Selections Winner**
- **Red on Green**
- **Rose on Bronze**

**Viking Explorer Series**
- **Height:** 20 to 24 in. (51 to 61 cm)
- **Spread:** 35 to 39 in. (89 to 99 cm)
- Available as Ball Premier Line® seed.

Early-flowering, weather-tolerant series produces an abundance of extra-large flowers above glossy foliage.

- **Red on Green**
- **Rose on Green**

**Viking XL Series**
- **Height:** 28 to 34 in. (71 to 86 cm)
- **Spread:** 32 to 36 in. (81 to 91 cm)
- Available as Ball Premier Line® seed.

Use this giant all-weather begonia series where fast-growing massive color is essential; it's great for extra-large landscapes and containers, and includes green leaves as well as deep chocolate leaf colors that no other begonia series in this class offers.

- **Pink on Green**
- **Red on Chocolate All-America Selections Winner.**
- **Red on Green**
- **Rose on Green All-America Selections Winner.**

**Bowler White Bronze Leaf F1 Series**
- **Height:** 12 to 18 in. (30 to 46 cm)
- **Spread:** 20 to 24 in. (51 to 61 cm)
- **Available as Ball Premier Line® seed.**

Chocolate-bronze foliage contrasts beautifully with large, bright white flowers.

**Begonia boliviensis**

**Crop Time:** 4.5-in. (11-cm) pot, 14 to 16 weeks; 10-in. (25-cm) basket, 15 to 18 weeks

**Bossa Nova F1 Series**
- **Height:** 12 to 16 in. (30 to 41 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**
- **Night Fever Rosso**
- **Orange**
- **Pink Glow**
- **Pure White**
- **Red**
- **Rose**
- **Yellow**
- **Mix** May contain most or all colors in the series.

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

- **Mellow Yellow**
- **Orange**
- **Red**
- **Rose**
- **White**
- **Mix** May contain most or all colors in the series.
**Sun Cities Series**

**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-pincher 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.  
- San Francisco Bright salmon.  
- Santa Barbara White.  
- Santa Cruz Scarlet.

**BRONZE-LEAF FIBROUS-ROOTED BEGONIA**

*Begonia x semperflorens-cultorum*  

**Bada Boom F1 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 24).  
- Pink  
- Rose  
- Rose Bicolor  
- Scarlet  
- White  
- Mix May contain most or all colors in the series.

**Cocktail 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.

Compact plants have dark bronze foliage.  
- Brandy Light pink.  
- Gin Rose.  
- Tequila Deep rose.  
- Vodka Red.  
- Whiskey White.  
- Mix May contain most or all colors in the series.

**Harmony Plus F1 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 through 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.
FIBROUS-ROOTED BEGONIA continued

**Nightlife 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.**
- **Crop Time:** Packs, 14 to 16 weeks
- 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.
  - Deep Rose
  - Pink
  - Red
  - White
  - Mix May contain most or all colors in the series.

**Senator iQ F1 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
  - Scarlet
  - White
  - Mix May contain most or all 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 2.5-cm) blooms.
  - Pink
  - Rose
  - Scarlet
  - White
  - Mix May contain most or all colors in the series.

**Bada Bing F1 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-leaved Bada Boom (page 23), these well-branched plants put on a season-long color show in the garden.
  - Pink
  - Rose
  - Scarlet
  - White
  - Mix May contain most or all colors in the series.

**GREEN-LEAF FIBROUS-ROOTED BEGONIA**
- **Begonia x semperflorens** (Wax Begonia)

**Ambassador Pink Begonia**
**Prelude Plus F1 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 through 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.

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

**Super Olympia 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.
- 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.

**Illumination Series**
- **Height:** 4 to 8 in. (10 to 20 cm)
- **Spread:** 24 to 30 in. (61 to 76 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
  - Lemon
  - Scarlet
  - White
  - Mix
  - May contain most or all colors in the series.

**GREEN & BRONZE-LEAF FIBROUS BEGONIA**

**Maestro Plus Mix F1**
- 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 23) and Prelude Plus (above) series. Compact plants have earlier and larger flowers. Very uniform, free-flowering habit and great outdoor performance.
  - Apricot Shades
  - Golden Picotee
  - Lemon
  - Scarlet
  - Mix
  - May contain most or all colors in the series.

**TUBEROUS BEGONIA**

**Begonia x tuberhybrida** (Tuberous-Rooted Begonia)
- **Crop Time:** 10-in. (25-cm) baskets, 19 to 21 weeks

**Bliss Series**
- **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®.
- Bred by Benary.
- Very early, uniform-flowering series finishes 10 days faster than most tuberous begonias with a tight, compact habit and smaller foliage for less breakage.
- 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.

**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
  - Red
  - Scarlet
  - White

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TUBEROUS-ROOTED BEGONIA

continued

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.
• Appleblossom
• Deep Rose
• Deep Salmon
• Fire
• Orange
• Pink
• Red
• Rose Picotee
• Salmon
• Sunset
• White
• Yellow
• Yellow With Red Back
• Mix May contain most or all colors in the series.

Nonstop JOY Series
Height: 8 to 10 in. (20 to 25 cm)
Spread: 10 to 16 in. (25 to 41 cm)
Available as Ball Premier Line® seed.
Proven Nonstop quality, topped by huge, double flowers that pop at retail and in the garden.
• Mocca White
• Orange
• Red
• Rose Picotee
• Yellow
• Mix May contain most or all colors in the series.

Nonstop Mocca 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.
Beautiful dark-leaf series offers the same outstanding Nonstop performance. Foliage is a deep chocolate color and contrasts well with the bright, fully double blooms.
• Bright Orange
• Cherry
• Deep Orange
• Deep Red
• Pink Shades
• Red
• Scarlet
• White
• Yellow
• Mix May contain most or all colors in the series.

Prism F1 Series
Height: 10 to 13 in. (25 to 33 cm)
Spread: 16 to 19 in. (41 to 48 cm)
Available as Ball Premier Line® seed.
Tuberous begonia series is more vigorous and faster to finish than competitors.
• Brilliant Red
• Crimson
• Dark Rose Shades
• Lemon Yellow
• Orange Shades
• Rose Shades
• Salmon Rose
• Scarlet
• Sunset
• Velvet Red
• White
• Yellow
• Mix May contain most or all colors in the series.
• Pink Pastel Mix

FOLIAGE BEGONIA

Gryphon
Height: 14 to 16 in. (36 to 41 cm)
Spread: 16 to 18 in. (41 to 46 cm)
A PanAmerican Seed® Product.
Available as Ball Premier Line® seed.
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
Unique tropical appearance adds “WOW” to retail programs and makes Gryphon a great impulse item.
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. The height is 14 to 16 in. (35 to 40 cm) in shade, 12 to 14 in. (30 to 35 cm) in partial sun and may grow to 30 in. (75 cm) tall in hot/humid conditions.
**BELLIS** Also see Perennials.

*Bellis 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.**

**BellaDaisy Series**  
**Height:** 5 in. (13 cm)  
**Spread:** 4 in. (10 cm)  
**Available as Ball Premier Line® seed.**  
Early multiflora bellis series has a uniform, compact habit.  
- **Pink**  
- **Red**  
- **Rose**  
- **White**  
- **Mix May contain most or all colors in the series.**

**Bellissima™ Series**  
**Height:** 6 to 10 in. (15 to 25 cm)  
**Spread:** 5 to 8 in. (13 to 20 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**  
- **White**  
- **Mix May contain most or all colors in the series.**

**BELLIS OF IRELAND** See Cut Flowers.

**CALENDULA**  
*Calendula officinalis* (CALENDULA)  
**Crop Time:** Packs, 15 to 16 weeks.

**Bon Bon Series**  
**Height:** 12 in. (30 cm)  
**Spread:** 5 to 8 in. (15 to 20 cm)  
Up to 2 weeks earlier than others, with 2.5 to 3-in. (6 to 8-cm) blooms.  
- **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.**

**CALIFORNIA POPPY** See Eschscholzia.

**CAMPANULA** Also see Perennials and Cut Flowers.

**Campanula medium** (Bellflower)  
**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 potted 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**

**CALCEOLARIA**  
*Calceolaria x hybrida*  
**Dainty F1 Series**  
**Height:** 8 in. (20 cm)  
**Spread:** 6 in. (15 cm)  
**Available as Ball Premier Line® seed.**  
Small, compact growth habit for high-density production. Thick 2-in. (5-cm) flower pouches give some disease resistance to Botrytis.  
- **Bronze**  
- **Red**  
- **Red Yellow**  
- **Yellow Spotted**  
- **Mix May contain most or all colors in the series.**

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Canna x generalis

Crop Time: 4-in. (10-cm) pots, 14 to 17 weeks

**Cannova® F₁ Series**

**Height:** 30 to 48 in. (76 to 122 cm)
**Spread:** 14 to 20 in. (36 to 51 cm)

A Ball Ingenuity® product available exclusively through Ball Seed®.

The first-ever seed F₁ series offers an easy-to-grow option with improved economy. 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 4-in. (10-cm) pots to 2 gallons, offering a wealth of selling opportunities.

- **Bronze Orange** Bronze foliage.
- **New Bronze Peach** Bright peach blooms are striking against deep dark bronze foliage.
- **Bronze Scarlet** Bronze foliage; may contain 5 to 10% green leaf types.
- **Mango**
- **Orange Shades**
- **New Red Golden Flame** Incredibly unique bloom color – saturated red with bright yellow edging.
- **Rose**
- **New Scarlet** Saturated, true red variety features a uniform flowering window and early flowering.
- **Yellow**

**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** All-America Selections Winner.
- **Rose**
- **Scarlet** All-America Selections Winner.

**Tropical Series**

**Height:** 24 to 30 in. (61 to 75 cm)
**Spread:** 16 to 18 in. (41 to 46 cm)

Bright, 3 to 4-in. (8 to 10-cm) blooms are held above the foliage. Use for pots and bedding. The spread is 16 to 18 in. (41 to 46 cm), but it will grow to 3 ft. (91 cm) across in warmer climates.

- **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**
Asian Garden Celosia

**Crop Time:** 4-in. (10-cm) pots, 13 weeks

**Asian Garden**

**Height:** 30 to 40 in. (75 to 102 cm)

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

Received high marks from the judges for its good branching; bushy growth; early-to-bloom; 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 Winner.

**Celtis argentea** (Foliage Celosia)

**Sol ™ Collection**

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

**A PanAmerican Seed® Product.** 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** Foliage tends to be more green when kept indoors and turns to burgundy when the plant is left outdoors for at least 1 to 2 weeks.
- **Lizard Leaf** Foliage tends to be more green when kept indoors and turns to burgundy-red when the plant is left outdoors for at least 1 to 2 weeks. Foliage tends to curl due to genetic factors and can be modified by different climate conditions.

**Tornado Red Celosia**

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

**Spread:** 10 to 16 in. (25 to 41 cm)

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

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 Shades**
- **Mix** May contain most or all colors in the series.
CELOSIA continued

**Castle Series**
- **Height:** 10 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 Winner.
  - **Scarlet**
  - **Yellow**
  - **Mix** May contain most or all colors in the series.

**Dragon’s Breath**
- **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.

**Fashion Look Mix**
- **Height:** 14 to 16 in. (36 to 41 cm)
- **Spread:** 12 in. (30 cm)
  - Available as Ball Premier Line® seed.
  - Formula mix offers all of the outstanding features of the “Look” celosia, with an eye-catching combination of green-leafed Fresh Look varieties and bronze-leafed, scarlet-plumed New Look.

**First Flame™ Series**
- **Height:** 10 to 14 in. (25 to 36 cm)
- **Spread:** 10 to 16 in. (25 to 41 cm)
  - A PanAmerican Seed® Product.
  - Available as Ball Premier Line® seed.
  - Finishes 10 to 14 days earlier than others of this type for reduced production costs.
  - Uniform heights across all colors means fuller-looking containers. Excellent, brightly colored Summer crop for large containers.
  - **Crop Time:** Packs, 11 to 14 weeks; 4 to 5 in. (10 to 13 cm) pots, 12 to 16 weeks.
    - **Purple**
    - **Red**
    - **Scarlet**
    - **Yellow**
    - **Mix** Red, Yellow, Scarlet.

**Fresh Flamma Series**
- **Height:** 8 to 10 in. (20 to 25 cm)
- **Spread:** 6 to 7 in. (15 to 18 cm)
  - Early and uniform flowering. Flower color stays bright without fading.
  - **Bright Red**
  - **Golden**
  - **Orange** All-America Selections Winner.
  - **Red**
  - **Rose**
  - **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)
  - 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.
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.

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.

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.
- Cherry
- New Lilac
- Rose
- Violet
- White
- Mix
May contain most or all colors in the series.

Smart Look Red
Height: 10 to 12 in. (25 to 30 cm)
Spread: 8 in. (20 cm)
Available as Ball Premier Line® seed.
More compact and better branched than New Look. Smart Look is crowned with many plumes. Robust plants are excellent garden performers.
COLEUS, PREMIUM SHADE
Solenostemon scutellarioides

Crop Time: Packs, 12 to 14 weeks

Kong Jr.™ Series
Height: 18 to 24 in. (46 to 61 cm)
Spread: 20 to 35 in. (51 to 89 cm)

A Ball Ingenuity™ product, available exclusively through Ball Seed®.
Available as Ball Premier Line™ seed.
Packs even more color onto a sturdier plant!
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 or no rose midrib in the mahogany heart under brighter shade. In deeper shade, vein pattern is stronger and rose may appear in the mahogany heart at midrib.
- Rose
- Scarlet

Fuseables Under The Sun
Find out more about these single-species Precision MuSli-Pellets on page 66.
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 midrib in deepest shade; flowers at the late end of the series, similar to Red.
• Mosaic No two leaves are alike.
• Red
• Rose
• Salmon Pink
• Scarlet
• Empire Mix Contains 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.

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
Solenostemon scutellarioides
(Pack Coleus) ●

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.

Coleus x hybridus/Solenostemon scutellarioides

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

Rainbow Series
Height: 14 in. (36 cm)
Spread: 10 in. (25 cm)
Available as Ball Premier Line® seed.
Semi-dwarf series grows 12 in. (30 cm) to 15 in. (38 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
- Masterblends Mix Bushy with broad, heart-shaped leaves.

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 warmer. Good in sun.
- Golden
- Jade
- Mosaic Earliest of the series.
- Rose
- Scarlet
- Sunset Bronze.
- Velvet Red
- Select Mix Includes Coral Sunrise, Jade, Mosaic, Scarlet, Sunset and Velvet Red.
COLEUS, PREMIUM SUN

*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 66 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.

**New Ruby Heart**

**Height:** 18 to 26 in. (46 to 66 cm)

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

*A PanAmerican Seed® Product.*

Brings a ruby red color to the collection. The thin, chartreuse border on the heart-shaped leaves continues on the undersides and stems, adding brightness.

**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.

**CORYNEPHORUS** See Grasses.
COSMOS Also see Cut Flowers.

Cosmos bipinnatus  

Crop Time: Packs, 8 to 11 weeks

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.
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 Offers the most complete color range in Cosmos bipinnatus, adding the unique Purple Shades and Red Shades into the mix.

Cosmos sulphureus

Bright Lights Mix
Height: 30 to 40 in. (76 to 102 cm)
Spread: 9 to 12 in. (23 to 30 cm)
Lacy foliage and silky flowers give an airy touch to the garden from mid-Summer to frost. Wonderful for cutting.

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

Limara Lemon
Height: 8 in. (20 cm)
Spread: 6 to 8 in. (15 to 20 cm)
A PanAmerican Seed® Product.
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)
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
CROSSANDRA infundibuliformis (Firecracker Flower)

Tropic Series
Height: 10 in. (25 cm)
Spread: 8 in. (20 cm)
A PanAmerican Seed® Product.
Crop Time: 4-in. (10-cm) pots, 24 to 28 weeks
Fast-growing plants produce flowers continuously, even in hot climates. Glossy, dark green leaves.

• Flame
• Yellow Splash
### Cuphea

**Cuphea ignea (Cigar Plant)**

**Dynamite**
- **Height:** 8 to 10 in. (20 to 25 cm)
- **Spread:** 10 to 12 in. (25 to 30 cm)
- **A PanAmerican Seed® Product.**
- **Crop Time:** Packs, 11 to 12 weeks
- Small, tubular, bright scarlet flowers on compact, well-branched plants. Good for 4-in. (10-cm) programs; keeping its compact habit without PGRs.

**Cuphea llavea**

**Sriracha Series**
- **Height:** 14 to 18 in. (36 to 46 cm)
- **Spread:** 14 to 24 in. (36 to 61 cm)
- **Crop Time:** 6-in. (15-cm) pots and gallons, 9 to 11 weeks
- 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.
- • Lavender Bicolor
- • Pink
- • Rose
- • Violet

**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.**

**Cyprinodon**

- **Height:** 10 in. (25 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.

### Dahlia

**Dahlia hybrida (Fresco Mix.)**

**Fresco Mix**
- **Height:** 10 to 12 in. (25 to 30 cm)
- **Spread:** 12 in. (30 cm)
- **Crop Time:** Packs, 12 to 13 weeks.
- 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.
- **• 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.

### Delphinium

**Delphinium grandiflorum**

**Cheer Blue F₁**
- **Height:** 16 in. (41 cm)
- **Spread:** 10 in. (25 cm)
- **A PanAmerican Seed® Product.**
- **Available as Ball Premier Line® seed.**
- 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 F₁ Series**
- **Height:** 12 in. (30 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.

### Datura

**Datura metel (Datura Ballerina)**

**Ballerina Series**
- **Height:** 24 to 36 in. (61 to 91 cm)
- **Spread:** 18 to 24 in. (46 to 61 cm)
- **Crop Time:** 6-in. (15-cm) pots, 13 to 16 weeks
- 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

**Delphinium**

- Also see Perennials and Cut Flowers.

**Pink Shimmer Cuphea**

**Figaro Violet Shades Dahlia**

**Ballerina Purple Datura**

**Delphinium x hybrida**

**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** Contains 100% semi-double and fully double flowers.

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Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
DIANTHUS Also see Perennials and Cut Flowers.

Crop Time: Packs, 15 to 16 weeks

Dianthus barbatus interspecific single-flowered type (Single Dianthus, Pinks, Carnation)

Amazon™ 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.

Dark green, glossy foliage sets off the vibrant blooms on this strong-stemmed, heat-tolerant series. Amazon does triple duty as a landscape/bedding plant, home garden cut flower and commercial cut flower. Well-suited to gallon or larger pot production. Excellent late-season performer. Vernalization is not required.

• Neon Cherry
• Neon Duo
• Neon Purple

• Rose Magic
• Rose Magic Blooms start white and age to pink, then to deep rose.

Jolt™ F1 Series
Height: 16 to 20 in. (41 to 51 cm)
Spread: 12 to 14 in. (30 to 36 cm)

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

The most heat-tolerant Interspecific Dianthus delivers Shocking Summer Color™
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 Magic
• Purple
• Rose Magic
• White

• Mix

• Orange

Dash™ F1 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.

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

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

• Mix

Diabunda F1 Series
Height: 6 to 8 in. (15 to 20 cm)
Spread: 8 to 12 in. (20 to 30 cm)

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

Full, well-branched, large-flowered plants 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
• Red Picotee
• Rose
• Mix

• Mix

Heat up sales with Jolt marketing tools.

FREE 11x7-in. (28x18-cm) Benchcard
FREE 19x38-in. (48x97-cm) Poster
6-in. (15-cm) pot & tags from your preferred suppliers.
**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  
- Neon Purple  
- Pink  
- Pink Magic  
- Purple  
- Purple White Bicolor  
- Red  
- Rose Magic  
- Scarlet  
- White  
- Mix Includes Black Cherry, Purple White Bicolor and White.

**Dianthus chinensis (Single Dianthus)**

**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.  
The 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.

- Cherry Red  
- New Purple  
- Red  
- Rose Magic  
- Scarlet  
- White  
- Mix Includes Black Cherry, Purple White Bicolor and White.

**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  
- Crimson  
- 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  
- White Red Eye  
- Formula Mix  
- Lavandina Mix  
- Strawberry 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
DIANTHUS continued

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.
• Blueberry Eye
• Crimson
• Crimson Eye Stable bicolor.
• Strawberry Shades

Diamond Mix
Height: 6 to 8 in. (15 to 20 cm)
Spread: 6 in. (15 cm)
Available as Ball Premier Line® seed.
Performs well in pack and garden in both Spring and Fall.

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)
A Ball Ingenuity™ product, available exclusively through Ball Seed®.
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
• Hears of Fire Red and white solids and picotees.
• Merlot Mix
• Mix May contain most or all colors in the series.

Ideal Select™ F1 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.
Crop Time: Packs, 15 to 16 weeks
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
• Violet All-America Selections
Classic variety.
• White
• WhiteFire
• Mix May contain most or all colors in the series.

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**

*Dichondra argentea* (Dichondra)

*Crop Time*: 4 to 4.5-in. (10 to 11-cm) pots, 12 to 14 weeks

**Silver Falls**

*Height*: 2 to 3 in. (5 to 8 cm)

*Spread*: 36 to 48 in. (91 to 122 cm)

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. Spreads up to 6 ft. (1.8 m) in areas with a longer growing season.

**Dichondra repens** (Dichondra)

**Emerald Falls**

*Height*: 2 to 4 in. (5 to 10 cm)

*Spread*: 36 in. (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. Height is 2 to 4 in. (5 to 10 cm) in the ground.

**DOLICHOS** *Dolichos lablab*

*Hyacinth Bean*

*Crop Time*: 6-in. (15-cm) pots, 12 to 14 weeks, 3 ppp with support

**Red Leaf**

A highly ornamental, cultivated variety of the hyacinth bean. With deep green and purple foliage, it bears long racemes of very pretty, fragrant, bicolor pink and white sweet pea-like flowers followed by large and decorative, dark purple to brown seed pods.

**Ruby Moon**

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**

*Cineraria maritima*

*Crop Time*: Packs, 12 to 13 weeks

**Silver Lace**

*Height*: 7 in. (18 cm)

*Spread*: 8 in. (20 cm)

Compact, slow-growing, excellent foliage plant for borders, edgings and pots.

Cineraria maritima candicans

**Silver Plated**

*Height*: 12 in. (30 cm)

*Spread*: 12 in. (30 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.

**Silverdust**

*Height*: 10 in. (25 cm)

*Spread*: 10 in. (25 cm)

Available as Ball Premier Line® seed.

Bushy, uniform plants have finely cut, silvery white, velvety leaves. Good for gardens, landscapes and containers.

Senecio cineraria

**Cirrus**

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

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

Available as Ball Premier Line® seed.

Oak leaf-shaped leaves are silvery green.

**New Look**

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

*Spread*: 8 in. (20 cm)

Available as Ball Premier Line® seed.

Large, very white foliage resembles oak leaves. Ideal for borders, mixed containers.

**Quicksilver**

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

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

Available as Ball Premier Line® seed.

Naturally dwarf plant stays more compact than Silverdust or comparable varieties. The basal-branched plants have finely indented, silver leaves.

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**ECHINACEA** See Perennials.

**ERYNGIUM** See Perennials and Cut Flowers.

**ERYSIMUM**

Erysimum cheiri

Crop Time: Packs, 10 to 12 weeks

Charity Mix

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

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

Well-branched, dark green-leafed 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

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

Spread: 12 in. (30 cm)

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

Erysimum species (Wall Flower)

**ESCHSCHOLZIA** Also see Annuals (Poppy) and Perennials (Papaver).

**Erysimum californica** (California Poppy)

**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** Also see Cut Flowers.

**Eucalyptus citriodora**

Lemon Bush

Fast-growing, shrublike plant has textured, aromatic foliage with a lemon scent. Leaves contain citronella oil, a natural insect repellent. Good in containers and landscapes.

**EUPHORBIA**

Euphorbia graminea

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 F₁**

Height: 10 to 14 in. (25 to 36 cm)

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

A PanAmerican Seed® Product.

"Plays well with others" in premium mixed containers. 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.

**FIBER OPTIC GRASS** See Grasses.
FLOWERING KALE Also see Cut Flowers and Vegetables (Kale).

*Brassica oleracea* (Ornamental Kale)

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 46 cm)
- Tight, compact heads of semi-waved leaves.
  - White
  - Mix Red and white solids and picotees.

**Osaka iQ F 1 Series**

- Height: 5 in. (13 cm)
- Spread: 11 in. (28 cm)
- Earlier to color for a shorter crop cycle.
- More compact habit leads to less or no required use of PGRs.
  - New Pink Bicolor
  - Red
  - White

Wavy-Leaf Type

**Nagoya F 1 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 F 1 Series**

- 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 frilly, 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 Winner.
  - Pink
  - Red
  - White

Feather-Leaf Type

**Peacock F 1 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

Glossy-Leaf Type

**Crystal F 1 Series**

- Height: 10 to 12 in. (25 to 30 cm)
- Spread: 12 to 14 in. (30 to 36 cm)
- Good seed germination. Glossy leaf adds to salability earlier. Good heat tolerance.
  - New Deep Red
  - New Pink
  - Red
  - Snow

**Songbird F 1 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) pot production.
  - Purple
  - Red
  - Victoria Pink.
  - White
  - Mix May contain most or all colors in the series.

**Kamome F 1 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.
  - New Bright Red
  - New Bright White
  - Pink
  - Red
  - White

**Yokohama F 1 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.

All Kale, Flowering Kale, Pepper, Ornamental Pepper and Tomato seed has been tested for seedborne diseases according to the International Seed Health Initiative (ISHI) guidelines.
GAZANIA

Gazania rigens

Crop Time: Packs, 11 weeks

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-leaved 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

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.

Delivers a more compact and bulkiest plant with bigger flowers on shorter peduncles.

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.
Gazania 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
- Orange Flame
- 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
- New Golden Flame
- Orange
- New Red
- Rose
- White
- New White Flame
- 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.

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GERANIUM

Pelargonium x hortorum
(Geranium Horizon) 🍤

Horizon F1 Series

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

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

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 16 weeks.

- Appleblossom
- Coral Spice
- Deep Red
- Deep Salmon
- Lavender
- Neon Rose
- New Star
- Orange
- Red
- Rose
- Scarlet
- Violet
- White
**BullsEye F₁ Series**

- **Height:** 13 to 15 in. (33 to 38 cm)
- **Spread:** 11 to 13 in. (28 to 33 cm)
- Needs fewer PGRs than similar varieties to produce a great-looking plant with 360° branching.
- 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.
- **Varieties:**
  - Cherry
  - Light Pink
  - Red
  - Salmon
  - Scarlet
  - Mix
  - May contain most or all colors in the series.

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**Maverick F₁ 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.
- **Varieties:**
  - Appleblossom
  - Coral
  - Orange
  - Pink
  - Quicksilver
  - Rose Bicolor
  - Salmon
  - Violet
  - White
  - Mix
  - May contain most or all colors in the series.

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**Multibloom F₁ 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.
- **Varieties:**
  - Capri Coral-rose.
  - Lavender
  - Pink
  - Red
  - Salmon
  - Violet
  - White

**Pinto Premium F₁ 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.
- **Varieties:**
  - Coral
  - Deep Red
  - Deep Rose
  - Deep Scarlet
  - Lavender
  - Lavender Rose
  - Orange
  - Orange Bicolor
  - Rose Bicolor
  - Salmon
  - Salmon Splash
  - Violet
  - White
  - White to Rose All-America Selections Winner
  - Mix
  - May contain most or all colors in the series.

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**WEBTRACK®**

Save time and organize your documents in one place.
GERANIUM continued

Quantum F1 Series
Height: 12 to 16 in. (30 to 41 cm)
Spread: 12 to 16 in. (30 to 41 cm)
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 F1 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 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.
- Fuchsia
- Lilac
- Pink
- Red
- Rose
- White
- Mix May contain most or all colors in the series.

Satin Mix F1
Height: 8 in. (20 cm)
Spread: 8 to 12 in. (20 to 30 cm)
Crop Time: Packs, 11 weeks
2-in. (5-cm) flowers.
- Bicolor Rose
- Pink
- Purple Red
- White
- Formula Mix May contain most or all colors in the series.

Audray Series
Height: 32 to 39 in. (81 to 99 cm)
Heat-tolerant variety is useful for tall bedding, or used for fresh or dried cut flowers. Basal-branching plants grow to 30 to 36 in. (76 to 91 cm) tall in indoor production.
- Bicolor Rose
- Pink
- Purple Red
- White

Hummingbird Series
Height: 8 to 10 in. (20 to 25 cm)
Spread: 8 to 10 in. (20 to 25 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.
- Fuchsia
- Lilac
- Pink
- Red
- Rose
- White
- Mix May contain most or all colors in the series.

GEUM See Perennials.

GLORIOUS DAISY See Rudbeckia.

GLOXINIA See Potted Plants.

GODELIA Also see Cut Flowers.
Godetia whitney/Clarkia amoena (Clarkia)

GODETIA Also see Cut Flowers.

GOMPHOCARPUS See Cut Flowers.

GOMPHRENAT Also see Cut Flowers.

GOMPHRENA See Cut Flowers.

Gomphrena globosa
Crop Time: Packs, 8 to 11 weeks

Audray Series
Height: 32 to 39 in. (81 to 99 cm)
Heat-tolerant variety is useful for tall bedding, or used for fresh or dried cut flowers. Basal-branching plants grow to 30 to 36 in. (76 to 91 cm) tall in indoor production.
- Bicolor Rose
- Pink
- Purple Red
- White

Hummingbird Series
Height: 8 to 10 in. (20 to 25 cm)
Spread: 8 to 10 in. (20 to 25 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.
- Fuchsia
- Lilac
- Pink
- Red
- Rose
- White
- Mix May contain most or all colors in the series.

GERBRA See Potted Plants.

GODTIA Also see Cut Flowers.
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
- Purple
- White
- Mix May contain most or all colors in the series.

Strawberry Fields
Height: 18 to 24 in. (46 to 61 cm)
Spread: 12 in. (30 cm)
Fine-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.

Fireworks Gomphrena
Height: 36 to 48 in. (91 to 122 cm)
Spread: 48 in. (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.

Gypsy Series
Height: 6 in. (15 cm)
Spread: 10 in. (25 cm)
Available as Ball Premier Line® seed.
- Pink Single to double-flowered. All-America Selections Winner.
- White All-America Selections Winner.

Dakota Gold Helenium
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.
Crop Time: Packs, 8 to 11 weeks; 4 to 6-in. (10 to 15-cm) pots and gallon, 9 to 12 weeks
Easy-care, reliable North American native makes a compact, mound 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.

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

Helichrysum microphyllum (Plectostachys serphyllifolia) (Licorice Plant)

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.
Crop Time: 4 to 4.5-in. (10 to 11-cm) pots, 11 to 14 weeks
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.

HEUCHERA See Perennials.

HIBISCUS Also see Perennials.

Hibiscus acetosella (False Roselle, African Rose Mallow)

Mahogany Splendor
Height: 36 to 60 in. (91 to 152 cm)
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.

HOLLYHOCK See Annuals and Perennials (Alcea).

HORDEUM See Grasses.

IBERIS See Perennials.
**New Solarscape™ F₁ Series**

**Impatiens hybrida**

**Height:** 9 to 11 in. (23 to 28 cm)

**Spread:** 15 to 20 in. (38 to 51 cm)

*PanAmerican Seed® Product.*

Available in North America only. Great low-maintenance plant provides high-impact color in sunny spaces, whether in the ground or in containers. The first interspecific impatiens series from seed provides the same garden performance as vegetative interspecific impatiens without the royalties. Perfect for opening-price-point, non-branded programs at retail and for landscape growers. Blooms have tropical appeal, with a satiny texture in vibrant, glowing hues.

- **Magenta Bliss**
- **Neon Purple** A dense and slightly spreading variety, and is the most compact of the series at approximately 10% shorter height.
- **Orange Burst**
- **White Shimmer** Shimmering white flowers may have a small percentage of pink at the center and very pale, blush pink buds and petals.

**New Solarscape™ XL Salmon Glow F₁**

**Height:** 11 to 13 in. (28 to 33 cm)

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

*PanAmerican Seed® Product.*

Available in North America only. Tropical blooms start out a bright salmon color with shading to lighter salmon-coral. XL plant height averages about 20% larger than standard Solarscape.

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

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**NEW Solarscape Orange Burst Impatiens**

**NEW Solarscape Neon Purple Impatiens**

**NEW Solarscape White Shimmer Impatiens**

**NEW Solarscape Magenta Bliss Impatiens**

**NEW Solarscape XL Salmon Glow Impatiens**

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**IMPATIENS**

**51**
IMPATIENS

Impatiens wallerana

Beacon® F1 Series

Height: 14 to 18 in. (36 to 46 cm)
Spread: 12 to 14 in. (30 to 36 cm)

A PanAmerican Seed® Product.

Available as Ball Premier Line® seed.

Crop Time: Packs, 7 to 8 weeks

This new series exhibits High Resistance to the widely prevalent populations of Plasmopara destructor, which is the cause of 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
- Coral
- Orange
- Rose
- Salmon
- Violet Shades
- White
- Formula Mix Bright Red, Coral, Orange, Rose, Salmon, Violet Shades and White.
- New Lindau Mix Named for the Lindau Lighthouse, Lake Constance, Germany. Includes Orange, White and Violet Shades.
- Red White Mix Bright Red, White.
- New Sanibel Mix Inspired by Sanibel Lighthouse, Sanibel Island, Florida, USA. Includes Bright Red, Orange and Violet Shades.

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

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

Pack Handle

Tags and pack handles from your preferred supplier.

FREE 11x7-in. (28x18-cm) Benchcard
Beacon Orange Impatiens

Beacon Red White Mix Impatiens

Beacon White Impatiens

Beacon Formula Mix Impatiens

Lindau Lighthouse
Lake Constance, Germany

NEW Beacon
Lindau Mix Impatiens

Portland Bill Lighthouse
Dorset, England

NEW Beacon
Sanibel Mix Impatiens

Sanibel Lighthouse
Sanibel Island, Florida, USA

NEW Beacon
Portland Mix Impatiens

NEW Beacon
Sanibel Mix Impatiens
IMPATIENS continued

**Crop Time:** Packs, 7 to 8 weeks

**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

**Accent Premium F₁ 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.

**Dazzler® F₁ Series**
*Height:* 10 to 14 in. (25 to 36 cm)
*Spread:* 12 to 14 in. (30 to 36 cm)
*A Ball Ingenuity™ product, available exclusively through Ball Seed®. Available as Ball Premier Line® seed.*

Landscapers appreciate this series for its quick fill and manageable vigor.
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 colors come into bloom together and flower freely right up until frost. Dazzler is well-suited to pack, 4-in. (10-cm) pot and basket programs.
- Blue Pearl
- Cranberry
- Orange
- Pink
- Punch
- Red
- Rose
- Salmon
- *Salmon Splash* Orange-salmon “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.*
- *Voodoo Too Mix*

**Imara XDR F₁ 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
- *Hot! Mix* Orange, Red, Salmon Shades and White.
- *Mix* Pink, Purple, Rose, Salmon Shades and White.
- *Pastel Mix* Pink, Purple, Rose, Salmon Shades and White.
- *ProFormula Mix* Orange, Pink, Purple, Violet, Rose, Salmon Shades and White.
- *Rosy Mix* Pink, Purple, Rose, Violet and White.
- *Tango Mix* Orange, Purple, Red, Rose and Salmon Shades.

**Accent Premium Rose Impatiens**
**Accent Premium Violet Star Impatiens**
**Dazzler Merlot Mix Impatiens**
**Dazzler Scarlet Impatiens**
**Accent Premium Orange Star Impatiens**
**Imara XDR Pastel Mix Impatiens**
**Imara XDR Tango Mix Impatiens**
**Imara XDR Rosy Mix Impatiens**
**Super Elfin F1 Series**
- Height: 10 to 14 in. (25 to 36 cm)
- Spread: 12 to 14 in. (30 to 36 cm)

A PanAmerican Seed® Product.
Available as Ball Premier Line® seed.
- Bright Orange
- Lipstick
- Ruby
- Mix
- Paradise Mix

**Super Elfin XP F1 Series**
- Height: 10 to 14 in. (25 to 36 cm)
- Spread: 12 to 14 in. (30 to 36 cm)

A PanAmerican Seed® Product.
Available as Ball Premier Line® seed.
Super Elfin XP colors are extremely well-matched to deliver the best uniformity of any impatiens on the market.
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.
- Blue Pearl
- Lilac
- Pink
- Punch
- Red
- Red Starburst
- Rose
- Salmon
- Salmon Splash
- Scarlet
- Violet
- Violet Starburst
- White
- Clear Mix
- Formula Mix
- Hot Mix Scarlet, Red, Violet, Punch.

**Xtreme 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.
High germination and uniform emergence make Xtreme well-suited to mass market production. Uniform, compact and well-branched plants will not stretch in the pack.
- Bright Rose
- Lavender
- Lilac
- Orange
- Pink
- Red
- Salmon
- Scarlet
- Violet
- White
- Hot Mix
- Little Gem Mix
- Mix
- Pastel Mix
- Rosy Mix
- Sapphire Mix
- Tango Mix
- Utopia Mix

**NEW GUINEA IMPATIENS**

*Impatiens hawkeri*

**Florific F1 Series**
- 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
- Red
- Sweet Orange
- Violet
- White
- Mix

**Order**
Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
**LARKSPUR** See Perennials (Delphinium) and Cut Flowers.

**IRESINE**
*Ipomoea hederifolia* (Beefsteak Plant, Chicken Gizzards)

**Purple Lady**
- **Height:** 6 to 8 in. (15 to 20 cm)
- **Spread:** 36 to 48 in. (91 to 122 cm)
- **Crop Time:** 4-6 in. (10-15 cm)
- **Available as Ball Premier Line seed.**

**LAURENTIA** See Isotoma.

**LINARIA**
*Linaria maroccana* (Compact Lobelia)

**LIMONIUM** See Cut Flowers.

**LISIANTHUS** See Potted Plants and Cut Flowers.

**LOBELIA** Also see Perennials.
*Lobelia erinus* (Upright Lobelia — Late Types)

**CRYSTAL PALACE**
- **Height:** 6 in. (15 cm)
- **Spread:** 6 to 8 in. (15 to 20 cm)
- **Available as Ball Premier Line seed.**

**Lцовs** (Frilly Lobelia) — *Lobelia erinus* (Spring-Flowering Lobelia)

**Riviera Series**
- **Height:** 5 in. (13 cm)
- **Spread:** 5 in. (13 cm)
- **Available as Ball Premier Line seed.**

**Regatta 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.**

**SANGUINARIA** (Bloodroot) — *Sanguinaria canadensis*
LOBULARIA See Alyssum.

LUZULA See Grasses.

MARIGOLD

Tagetes erecta (African Marigold)

Antigua F1 Series

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

Height: 24 to 32 in. (61 to 81 cm)
Spread: 14 to 16 in. (36 to 41 cm)
Available as Ball Premier Line® seed.

This tall marigold stands up to summer-long garden demands. Bred under hot and humid conditions and proven through repeated trialing, this high-yielding, disease-tolerant series delivers very firm, ball-shaped flowers – up to 5 in. (13 cm) each – that ship well. 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
• Unique variety has a light green center.
• Mix May contain most or all colors in the series.

Big Duck Series

Height: 12 to 16 in. (30 to 41 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 as a single variety or grouped in large pots, beds and landscapes, offering a spectacular “carpet-like” view.

• Gold All-America Selections Winner.
• Orange
• Yellow

Chedi Orange F1:

Height: 40 to 55 in. (102 to 140 cm)
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.

Discovery F1 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.

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
• Mix May contain most or all colors in the series.

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

**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
- Primrose
- Yellow
- Mix May contain most or all colors in the series.

**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

**Marvel II™ F1 Series**
- **Height:** 16 to 18 in. (41 to 46 cm)
- **Spread:** 10 to 12 in. (25 to 30 cm)

A PanAmerican Seed® Product. Available as Ball Premier Line® Ball Controlled Growth™, de-tailed and coated seed.

This intermediate-type African marigold offers improved branching, earliness, flower size and a brighter flower color. Series is uniform under both short and long days.
- Gold
- Orange
- Yellow
- Mix May contain most or all colors in the series.

**Perfection F1 Series**
- **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 bloom 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)

A PanAmerican Seed® Product. 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.
Taishan® F1 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
May contain most or all colors in the series.

Tagetes patula
(Heat-Tolerant French Marigold)

Hot Pak™ Series

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

A PanAmerican Seed® Product.
Available as Ball Premier Line® seed.
Keeps on blooming, even in the highest heat and humidity.
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
- Gold
- Harmony
- Orange
- Spry
- Yellow
- Mix
May contain most or all colors in the series.

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
May contain most or all colors in the series.
MARIGOLD continued

French Marigold

**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.  
- **Deep Orange**  
- **Flame**  
- **Gold**  
- **Harmony** Bronze with gold center.  
- **Yellow**  
- **Mix** May contain most or all colors in the series.

**New Chica Series**

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

* Available as Ball Premier Line® coated seed.

Double-crested flowers on early, free-flowering, compact growing plants with uniform height. Deliver excellent garden performance.

- **Flame**  
- **Gold**  
- **Orange**  
- **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.

**Fireball**

**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.

Unique look for premium packs, pots and decorative planters. Fireball and companion Strawberry Blonde 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.

**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.

**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 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.  
- **Outback Mix** Bolero, Red, Tangerine, Yellow. Very uniform for timing, habit and flower size.

**WEBTRACK®**

Get 24/7 marketing support and boost your sales with photos, bench cards and catalogs.
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: 6 to 8 in. (15 to 20 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.
• Orange
• 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
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.
Multicolor blooms on the same plant! The world's first “pink” marigold! The first flower opens a deep pink with rust yellow crest, then ages to a straw yellow. Like companion Fireball, 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.

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.
• Deep Orange
• Deep Yellow
• Gold
• Harmony
• Orange
• Orange Bee
• Orange Flame
• Spry Dark maroon lower petals and golden-yellow upper petals on dark green foliage. All-America Selections Winner.
• Yellow Bee
• Maxi Mix May contain most or all the colors in the series.

Zenith F1 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.
Crop Time: 6 to 8 weeks.
Excellent landscape selection produces a profusion of frilly, double, 3-in. (8-cm) blooms.
• Deep Orange
• Golden Yellow
• Lemon Yellow
• Orange
• Red
• Red Gold
• Yellow
• Mix May contain most or all colors in the series.

Endurance F1 Series
Height: 12 to 16 in. (30 to 41 cm)
Spread: 12 to 16 in. (30 to 41 cm)
Available as Ball Premier Line® seed.
Next generation in triploid breeding combines F1 African and French marigolds. Extra-large double flower on a compact French marigold habit.
• Orange
• Sunset Gold
• Yellow

MATTHIOILA
See Stock. Also see Cut Flowers.

MELAMPodium
Melampodium paludosum
Delight Lemon
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.

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.

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

MELINIS
See Grasses.

MILIUM
See Grasses.

TRIPOID MARIGOLD
Tagetes erecta x patula
Zenith F 1  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.
Crop Time: 6 to 8 weeks.
Excellent landscape selection produces a profusion of frilly, double, 3-in. (8-cm) blooms.
• Deep Orange
• Golden Yellow
• Lemon Yellow
• Orange
• Red
• Red Gold
• Yellow
• Mix May contain most or all colors in the series.

Endurance F 1  Series
Height: 12 to 16 in. (30 to 41 cm)
Spread: 12 to 16 in. (30 to 41 cm)
Available as Ball Premier Line® seed.
Next generation in triploid breeding combines F1 African and French marigolds. Extra-large double flower on a compact French marigold habit.
• Orange
• Sunset Gold
• Yellow

MELAMPodium
Melampodium paludosum
Delight Lemon
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.

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.

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

MELINIS
See Grasses.

MILIUM
See Grasses.
ORNAMENTAL MINT

*Mentha requienii* (Corsican Mint)

**Mini Mint**

*Height:* 1 to 2 in. (3 to 5 cm)

*Spread:* 6 to 12 in. (15 to 30 cm)

*A PanAmerican Seed® Product.*

Available as Ball Premier Line® seed.

A PanAmerican Seed® Product.

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.

ORNAMENTAL MILLET

*Pennisetum glaucum*

**Copper Prince F1**

*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 F1**

*Height:* 24 to 30 in. (61 to 76 cm)

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

*A PanAmerican Seed® Product.*

A “must have” for landscapers and consumers looking for plants in the popular chartreuse color group. Intense lime green leaves, controlled and mounded 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**

*Height:* 48 to 60 in. (122 to 152 cm)

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

*A PanAmerican Seed® Product.*

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

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.

**Jester F1**

*Height:* 36 to 48 in. (91 to 122 cm)

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

*A PanAmerican Seed® Product.*

Unique color-changing foliage adds interest to gardens, landscapes and mixed containers. Leaves begin chartreuse with burgundy accents, then burgundy, and finally the same bronze-purple color as Purple Majesty; color is strongest in full sun. Jester grows to about three-quarters the height of Purple Majesty, with wider leaves and more basal branching.

**Purple Baron F1**

*Height:* 30 to 40 in. (76 to 102 cm)

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

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

The ideal choice for mixed containers! This compact yet robust variety grows to about two-thirds the height of Purple Majesty, with large, thick flower spikes on plants with more basal branching. The foliage emerges and grows like Purple Majesty, finishing a slightly darker purple color at maturity. Leaves are shorter and wider for easy shipping.

**Jester Ornamental Millet**

**Purple Baron Ornamental Millet**

**Copper Prince Ornamental Millet**

**Jade Princess Ornamental Millet**

**Mini Mint Ornamental Mint**
MIMULUS
Mimulus x hybridus
Crop Time: Packs, 8 to 9 weeks
Magic Series
Height: 10 in. (25 cm)
Spread: 12 in. (30 cm)
Fast-finish series is compact and floriferous. Well-suited to early-season pack programs.
- 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
Ipomoea tricolor
Crop Time: Flowers, 5 to 6 weeks
Heavenly Blue
Sky blue flowers open in the morning.
Moon Flower
Long, vigorous vines grow to 20 feet (6 m). Giant white flowers can measure over 7 in. (18 cm) across! Excellent for planting in night gardens.

Ipomoea x imperialis
Sunrise Serenade
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.

Pharbitis x hybrida
Happy Hour Rose
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.

MULTI-SPECIES MULTI-PELLETS
See Fuseables®, page 66.

NASTURTIUM
Tropaeolum majus
Crop Time: Packs, 11 to 13 weeks
Alaska Mix
Height: 12 in. (30 cm)
Spread: 10 in. (25 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: 16 in. (41 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.
Tip Top Rose
Height: 15 in. (38 cm)
Spread: 20 in. (51 cm)
A strongly yet compact nasturtium with unique and showy rose-colored flowers showcased above medium-green foliage. All America Selections Regional Winner.
NEMESIA

Nemesia foetans

Crop Time: Packs and pots, 9 to 12 weeks

Poetry™ F1 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.

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
- White
- Mix May contain most or all colors in the series.

Nemesia strumosa

Sundrops Mix

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

A PanAmerican Seed® Product.

Crop Time: Pots, 13 to 15 weeks

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

Nemesia x hybrida

Seventh Heaven Mix F1

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

NICOTIANA

Nicotiana 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)

Available as Ball Premier Line® 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
- Deep Lime
- Lime/Purple Bicolor
- White
- Mix May contain most or all colors in the series.

NEPETA See Perennials and Vegetables (Herbs – Catnip)
**ORNAMENTAL OREGANO**
Also see Perennials.

*Origanum x hybrida*

**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.

**OSTEOSPERMUM**

*Osteospermum ecklonis (African Daisy)*

**Akila® F1 Series**
- **Height**: 10 to 14 in. (25 to 36 cm)
- **Spread**: 14 to 20 in. (36 to 51 cm)

*A PanAmerican Seed® Product.*

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

Gives growers the best seed-grown osteos for habit and seed quality. 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** Petals have a yellow back.
- **All-America Selections Winner.**
- **Lavender Shades**
- **Purple**
- **Sunset Shades** Multicolor segregating mix includes popular colors like 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** First multicolor segregating mix includes popular colors like yellow, magicians and rose-reds, as well as purple, lavender, creams and whites.
- **Mix** May contain most or all colors in the series.

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

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 COLEUS

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

SINGLE-SPECIES PETUNIA

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

Pleasantly Blue
Dreams Midnight and Daddy® Blue petunias.

MULTI-SPECIES

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 Grasses.

*Available in multi-seed pellets only.

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

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

PRECISION™ MULTI-PELLETS
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

PANSY

Viola × wittrockiana
(Spreading/Trailing Pansy)

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

Freefall XL F1 Series
Height: 4 to 6 in. (10 to 15 cm)
Spread: 14 to 20 in. (36 to 51 cm)
Flower Size: 2 to 2.25 in. (5 to 5.5 cm)
Available as Ball Premier Line® seed.

Offers the same tidy habit of the Freefall series, with the added benefit of much larger flowers. Non-tangling habit and extremely quick flowering time. Perfect for hanging baskets, containers and landscape applications. Flowers prolifically throughout the season and has excellent weather tolerance.

- New Blue Picotee Shades
- Bright Yellow
- Fire
- Golden Yellow
- Purple Face
- Red Wing
- Scarlet Blotch
- Victoriana
- White
- Yellow Blotch
- Mix May contain most or all colors in the series.

Freefall F1 Series
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
- Marina
- Morpho
- Purple and White
- Purple Wing
- Sundown
- True Blue
- White
- White Rose Wing
- Little Faces Mix Purple and White and Purple Wing
- Mix May contain most or all colors in the series.
- Moonlight Mix Deep Violet, Purple and White, and White.
Cool Wave® SPREADING PANSY

Distinctive POP makes Cool Wave a sure seller!

FREE 19x38-in. (48x97-cm) Posters
FREE 11x7-in. (28x18-cm) Benchcards

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

COOL WAVE SPREADING PANSY
Viola x wittrockiana (Standard Pansy)

**Atlas Black F₁**
- **Height:** 7 in. (18 cm)
- **Spread:** 8 to 10 in. (20 to 25 cm)
- Available as Ball Premier Line® seed.
- Unique color is perfect for combinations with bright colors and structure plants.

**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.
- Crop Time: Pacs, Spring: 12 to 15 weeks; Summer: 11 to 14 weeks
- Compact and free-flowering from Fall through early Spring. Early, does not need cool temperatures to initiate buds. Blooms under long and short days.

**New Cats Plus F₁ 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.
- Distinctive whiskers pattern is good for combining with solid-color pansies.
- • Blue Yellow
- • Marina
- • Purple White
- • White
- • Yellow

**Colossus F₁ Series**
- **Height:** 4 to 5 in. (10 to 13 cm)
- **Spread:** 4 to 6 in. (10 to 15 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 May contain most or all colors in the series.

**Crown Series**
- **Height:** 5 in. (13 cm)
- **Spread:** 6 in. (15 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 White with yellow accents.

**Frizzle Sizzle F₁ 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.
- Crop Time: Pacs, Spring: 12 to 15 weeks; Summer: 11 to 14 weeks
- 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
- • Lemonberry
- • Orange
- • Raspberry Shades of white with rose cap/edge.
- • Yellow
- • Yellow-Blue Swirl
- • Mix
- May contain most or all colors in the series.
STANDARD PANSY

Delta F 1 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.

- Fire
- Pink Shades
- Pure Red
- Pure Rose
- Berry Tart Mix Berry shades of blue, violet and rose.
- Blaze Mix Fire, Pure Red, Premium Pure Yellow and Yellow With Red Wing.
- 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 F 1 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
- Violet And White
- White
- Yellow
- Yellow And Purple
- Yellow with Blotch
- Mix May contain most or all colors in the series.

Delta F 1 Series

Height: 4 to 6 in. (10 to 15 cm)
Spread: 2.5 to 3 in. (6 to 8 cm)

Flower Size: 2.5 to 3 in. (6 to 8 cm)

Available as Ball Premier Line® seed.

‘Premium’ varieties deliver a more manageable habit and resist stretching better.

- Beaconsfield
- Blue Morpho
- Blue with Blotch
- Deep Blue
- Gold with Blotch
- Lavender Blue Shades
- Marina
- Neon Violet
- Pure Lemon
- Pure Light Blue
- Pure Orange
- Pure Violet
- Pure White
- Pure Yellow
- Red with Blotch
- Rose with Blotch
- Tapestry Rose, pink, apricot, primrose and cream shades.
- True Blue
- Violet White
- White with Blotch
- Yellow Purple Wing
- New Yellow Red Wing
- Yellow with Blotch
- Apple Cider Mix Tapestry, Pure Primrose and Rose With Blotch.
- Blotch Mix
- Buttered Popcorn Mix Pure Golden Yellow, Pure White and Pure Primrose.
- New Citrus Mix Solid orange, yellow and white.
- Cool Water Mix Blue With Blotch, Pure Light Blue, Pure White and True Blue.
- Mix May contain most or all colors in the series.

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Grandio F₁ 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.

Crop Time: Pansies, Spring: 12 to 15 weeks; Summer: 11 to 14 weeks

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.

- Beacon Blue
- Beacon Rose
- Blue With Blotch
- Clear Orange
- Clear Purple
- Clear Rose
- Clear Scarlet
- Clear White
- Clear Yellow
- Deep Blue with Blotch
- Primrose
- New Red Blotch
- Rose with Blotch
- New Silver Blue
- True Blue
- White with Blotch
- White with Rose Blotch
- Yellow with Blotch
- Blotched Colors Mix
- Bright Colors Mix: True Blue and Clear Golden.
- Clear Colors Mix
- Royalty Mix: True Blue, Clear Golden and Clear Rose.

New Inspire Plus Orange Blotch F₁
Height: 6 to 8 in. (15 to 20 cm)  
Spread: 8 to 10 in. (20 to 25 cm)  
Available as Ball Premier Line ® seed.

Large-flowered pansies are ideal for Spring and late Fall production. Uniform flower timing, habit and vigor across the series.

Majestic Giants II F₁ Series
Height: 8 in. (20 cm)  
Spread: 10 in. (25 cm)  
Flower Size: 3.5 in. (9 cm)  
Available as Ball Premier Line ® seed.

Early flowering, even under short days and cold nights. Blooms show a contrasting dark “face.”

- Blue And White with Blotch
- Blue Jeans with Blotch
- Clear Purple
- Clear White
- Deep Blue with Blotch
- Fire with Blotch
- Marine with Blotch
- Mid Blue with Blotch
- Purple with Blotch
- White with Blotch
- Yellow with Blotch
- Autumn Mix: Clear Purple, Clear Yellow and Fire With Blotch.
- 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 ®.

Mammoth F₁ 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-ti-ful
- Deep Blue Dazzle
- Glamarama White
- On Fire
- Pink Berry
- Prima Yellorina
- 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.
STANDARD PANSY

Matrix® F₁ Series
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.
Crop Time: Packs, Spring: 12 to 15 weeks; Summer: 11 to 14 weeks
Extra-large-flowered Matrix is your best option for longer days and warmer growing.
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!
• Beaconsfield Largest flowers of this type on the market.
  • Blue Blotch
  • Deep Blue Blotch
  • Denim
  • Lavender Shades
  • Light Blue
  • Midnight Glow
  • Morpheus
  • Ocean
  • Orange
• Primrose
  • Purple
  • Red Blotch
  • Red Wing
  • Rose
  • Rose Blotch
  • Rose Wing
  • Solar Flare Blooms show more red in cool temperatures and more yellow in warmer temperatures.
  • Sunrise Peach, yellow and rose shades with blotch.
  • True Blue
  • White
  • White Blotch
  • Yellow
  • Yellow Blotch
  • Yellow Purple Wing
  • Autumn Blaze Mix
  • Blotch Mix Blue, Deep Blue Blotch, Ocean, Red Blotch, Red Wing, Rose Blotch, Yellow Blotch, White Blotch.
  • Citrus Mix Orange, White, Yellow and Spring Matrix Lemon.
  • Clear Mix Light Blue, Lemon, Orange, Purple, Rose, Yellow, White.
  • Coastal Sunrise Mix Ocean, Rose Blotch, Sunrise.
  • Jewels Mix Light Blue, True Blue, Orange, Purple, Rose, Yellow and lemon (not available separately).
  • Mix May contain most or all colors in the series.
  • Ocean Breeze Mix Deep Blue Blotch, Ocean, White Blotch.
  • Raspberry Sundae Mix (Reintroduction) Rose Wing, Rose, White Blotch.

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
Spring Grandio F1 Series

Height: 7 in. (18 cm)
Spread: 5 in. (13 cm)
Flower size: 3.25 in. (8 cm)
Available as Ball Premier Line® seed.
Specifically bred for early Spring production, this series offers early blooming across all varieties with incredible plant uniformity and matched bloom time.

- Beacon Blue
- Beacon Rose
- Blue with Blotch
- Clear Scarlet
- Deep Blue with Blotch
- Primrose
- Purple
- Red with Blotch
- Rose
- Rose with Blotch
- New Silver Blue
- 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.
- Star Spangled Mix Clear Rose, True Blue and White with Rose Blotch.
STANDARD PANSY

Spring Matrix™ F₁ Series

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.

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

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.

- Beaconsfield
- Blue
- Blue Blotch
- Blue Wing Displays stronger blue color under cool temperatures.
- Deep Orange
- Lemon
- Midnight Glow
- Pink Shades
- Primrose
- Purple
- Purple & White
- Red Blotch
- Rose
- 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, White.
- Mix May contain most or all colors in the series.
- Tricolor Mix Blue, Lemon and Purple.

Access products from 330 suppliers anytime online through Ball Seed® WebTrack®.

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

PANSY 75
New Spooky Halloween Mix F1
Height: 8 in. (20 cm)
Spread: 8 to 10 in. (20 to 25 cm)
Flower Size: 3.5 in. (9 cm)
A Ball Ingenuity™ product, available exclusively through Ball Seed®.
Available as Ball Premier Line seed.
A perfect Fall mix of orange and black pansies.

Panola® XP F1 Series
Height: 6 to 8 in. (15 to 20 cm)
Spread: 8 to 10 in. (20 to 25 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.
- Beaconsfield
- Deep Blue Blotch
- Deep Orange
- Purple
- Rose Picotee
- Scarlet
- True Blue
- White
- Yellow
- Yellow Blotch
- Citrus Mix: Deep Orange, White, Yellow.
- Clear Mix: Includes all clear Panola XP colors.
- Mix: May contain most or all colors in the series.

New Select Orange Blotch F1
Height: 4 to 6 in. (10 to 15 cm)
Spread: 6 to 8 in. (15 to 20 cm)
Available as Ball Premier Line® seed.
With its bright orange color and cheerful pansy face, this is a perfect addition for Fall seasonal promotions. Slightly more vigorous and later to flower than Delta Premium.

Ultima Radiance Series
Height: 6 in. (15 cm)
Spread: 6 in. (15 cm)
Available as Ball Premier Line® seed.
Splashes of color highlight the faced flowers, each showing rich color shades.
- Deep Blue
- Lilac
- Pink
- Red
- Violet

PAPAVER See Poppy. Also see Perennials (Papaver).

PENSTEMON Also see Perennials.

Penstemon hartwegii
Crop Time: 6 in. (15 cm) pots, 17 to 19 weeks

Arabesque Series
Height: 24 to 30 in. (61 to 76 cm)
Spread: 20 to 24 in. (51 to 61 cm)
Annual penstemon series is much earlier and faster to finish than other P. hartwegii varieties. 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

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
**PENTAS**

**Pentas 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.

**New Beehive White F₁**

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

**Available as Ball Premier Line® seed.**

Excellent basal branching makes for full and fast hanging baskets and landscape applications.

**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.**

Crop Time: Packs, 15 to 17 weeks

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
- Red Star
- White
- Mix

May contain most or all colors in the series.

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

**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.
- **New Appleblossom**
- Cranberry
- Flirty Pink
- Fuchsia
- Lavender Pink
- Lazer Lipstick
- Ruby
- True Pink
- Ultra Violet
- White
- Mix May contain most or all colors in the series.

**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.

**Honey Cluster 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

**NEW Graffiti 20/20 Appleblossom Pentas**

**Graffiti 20/20 Lavender Pink Pentas**

**Graffiti 20/20 White Pentas**

**Graffiti 20/20 Flirty Pink Pentas**

**Honey Cluster Red Pentas**

**Honey Cluster Pink Pentas**

**Kaleidoscope Deep Rose Pentas**
Lucky Star® F₁ Series

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

*A PanAmerican Seed® Product.

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
• White
• Mix


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.

EDIBLE POTTED PEPPER
See Vegetables.

ORNAMENTAL PEPPER
See Potted Plants.
For more than 25 years, Wave has been inspiring growers and gardeners alike with a continually evolving and improving petunia program. With new colors, more series and bigger promotions, Wave provides easy spreading color to home gardens around the world. That’s what makes Wave the brand known, bought and trusted by name.

Wave now includes 5 petunia series with E3 Easy Wave®, along with 1 pansy series, and boasts over 70 colors and mixes. Known for its wide selection of colors and versatility in gardens, baskets and containers, Wave provides the variety and performance consumers expect from plants for their garden today!
WAVE® PETUNIAS

WAVE BRAND SPREADING PETUNIA

Petunia x hybrida

E3 Easy Wave™ F₁ Series
Height: 6 to 12 in. (15 to 30 cm)
Spread: 25 to 32 in. (64 to 81 cm)
Flower Size: 2.25 to 3 in. (6 to 8 cm)

A PanAmerican Seed® Product.
Available as Ball Premier Line® seed.
It’s Early, it’s Efficient, it’s the Evolution of Easy Wave... it’s E3 Easy Wave™!
Part of the Wave® Petunia Family – the most-asked-for-plant brand ever.

Fulfills sales earlier in the season. Flowers at or under 10 hours daylength. Offers simplified production and can be successfully grown at lower PGR rates than Easy Wave (except Blue). All varieties have a similar, uniform plant structure and vigor. Plant holding capabilities across the series mean better quality over a longer time period for an extended sales window. The mounding, spreading habit offers a three-dimensional landscape effect, creating impressive baskets and planters.
Recommended for 6-in. (15-cm) pots, premium quarts and gallons, 306 premium packs with handle, hanging baskets.

• Blue Requires 10 hours daylength.
  Cold durable.
• Coral Requires 9.5 hours daylength.
  Cold durable.
• Pink Requires 9.5 hours daylength.
• Pink Cosmo Requires 10 hours daylength. Cold durable.
• Red Requires 9.5 hours daylength.
• Sky Blue Requires 9.5 hours daylength.
  Cold durable.
• White Requires 9 hours daylength.
  Cold durable.
• New Formula Mix Includes a mixture of all colors in the series.
See page 82 for variety photos.

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.

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

WAVE PETUNIA 83
Easy Wave® F1 Series
Height: 6 to 12 in. (15 to 30 cm)
Spread: 30 to 39 in. (76 to 99 cm)
Flower Size: 2 to 3 in. (5 to 8 cm)
A PanAmerican Seed® Product.
Available as Ball Premier Line® seed.
Perfect for planters and gardens!
Part of the Wave® Petunia Family – the most-asked-for-plant brand ever.
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.
- Blue
- Burgundy Star
- Burgundy Velour
- Coral Reef
- Lavender Sky Blue 9.5 hours daylength required. Cold durable.
- Neon Rose
- Pink
- Pink Passion
- Plum Vein
- Red
- Red Velour
- Rose Fusion Short-day flowering requirement of 9 hours creates early-season sales opportunities.
- Rosy Dawn Large flowers open deep rose with wide cream throat, then mature to coral-pink with morn pattern.
- Silver
- Violet
- White
- Yellow
- Beachcomber Mix Blue, Coral Reef, Pink Passion.
- Formula Mix Blue, Neon Rose, Pink Passion, Red, Silver, Violet, White.
- Great Lakes Mix Blue, Violet, White.
- Opposites Attract Mix Coral Reef, Violet.
- Plum Pudding Mix Plum Vein, Violet.
- South Beach Mix Coral Reef, Red, Violet.
- Starfish Mix Burgundy Star, White.
- The Flag Mix Blue, Red, White.
See page 82 for variety photos.

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

These Fuseables multi-species Precision™ Multi-Pellets contain Wave petunia varieties. See page 66 for more on Fuseables.

Shock Wave® F1 Series

Height: 7 to 10 in. (18 to 25 cm)
Spread: 20 to 30 in. (51 to 76 cm)
Flower Size: 1.5 to 2 in. (4 to 5 cm)

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

Part of the Wave® Petunia Family – the most-asked-for-plant brand ever.
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
• Deep Purple
• Denim
• Pink Shades
• Pink Vein Spread is 30 to 36 in. (76 to 91 cm).
• Purple Tie Dye 10.5-hour daylength required.
• Red
• Rose
• White 10.5 hours daylength. Cold durable.
• Spark Mix Denim, Pink Shades, White.
• Volt Mix Denim, Red, White.

See page 82 for variety photos.

Recommended Shock Wave packaging:

4-in. (10-cm) pots
Premium quarts
306 premium pack with handle
Hanging baskets

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

**Tidal Wave® F₁ Series**

- **Height:** 16 to 22 in. (41 to 56 cm)
- **Spread:** 30 to 60 in. (76 to 152 cm)
- **Flower Size:** 2 to 2.5 in. (5 to 6 cm)

*A PanAmerican Seed® Product.*

Available as Ball Premier Line® seed.

Super-size color for big spaces!

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

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 All-America Selections Winner.
- Silver All-America Selections Winner.

See page 82 for variety photos.

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

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**Recommended Tidal Wave packaging:**

- 8-in. (20-cm) pots
- Hanging baskets

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**Tidal Wave Red Velour & Silver Petunia**

**Tidal Wave Hot Pink Petunia**

**Tidal Wave Red Velour Petunia**
Wave® F₁ Series

Height: 5 to 7 in. (13 to 18 cm)
Spread: 36 to 48 in. (91 to 122 cm)
Flower Size: 2 to 2.5 in. (5 to 6 cm)

A PanAmerican Seed® Product.
Available as Ball Premier Line® seed.
Makes a carpet of color!

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

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 13 hours daylength
  required. Cold durable. All-America
  Selections Winner.

• Lavender All-America Selections Winner.

• Misty Lilac Flowers may show appealing
  white “splashes” when plants are
  grown in high light or growth regulators
  are applied.

• Pink
  • Purple Begins to flower at 11 hours,
    and is 12 to 14 days earlier than
    Purple Classic.
  • Purple Classic All-America
    Selections Classic.

See page 82 for variety photos.

Grown and treated for an exceptionally
fast finish, pre-lit Wave plugs can send
your plants to retail in as few 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

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

*Petunia x hybrida*

**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 May contain most or all colors in the series.
- Patriot Mix

**Opera Supreme Series**

- **Height:** 4 to 8 in. (10 to 20 cm)
- **Spread:** 30 to 40 in. (76 to 102 cm)
- **Available as Ball Premier Line® seed.**

Low-growing with bright, iridescent, 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.
- Blue
- Burgundy
- Pink
- Red
- Rose
- Salmon
- Silver Vein
- Violet
- White
- Liberty Mix White, Red and Blue.
- Maxi Mix Includes all colors.
- Twilight Mix White, Pink, Burgundy and Blue.

**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
- Pink
- Red
- Rose
- Salmon
- Silver
- Violet
- White
- Liberty Mix White, Red 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
- Pink Lips
- Purple
- Purple Vein
- Rose
- Rouge
- Scarlet
- New Silver Blotch
- White
- Custom Mix Blue, Lavender Pink, Purple, Scarlet, Rose, Salmon Morn and White.
- July Mix Blue, Scarlet and White.

**NEW Trilogy Silver Blotch Petunia**

**Success Pink Petunia**

**Opera Supreme Raspberry Ice Petunia**

**Skybox Rose Star Petunia**

**Success Blue Petunia**

**Trilogy Pink Lips Petunia**

**Trilogy Purple Vein Petunia**

**NEW Trilogy Silver Blotch Petunia**
COMPACT GROWTH PETUNIA

Petunia x hybrida

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

Fuseables® Blueberry Lime Jam

Fuseables Pleasantly Blue

Multi-Pellets contain novelty and standard petunia varieties. See page 66 for more on Fuseables.

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.

Pretty Flora™ F1 Series

Height: 7 to 10 in. (18 to 25 cm)
Spread: 8 to 12 in. (20 to 30 cm)
Flower Size: 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
• Mello Yellow
• Midnight
• Pink
• Pink Pearl Holds its soft, shimmery color in high light/warm night conditions.
• Purple
• Red
• Rose
• New Rose Morn Nicely compact habit. Times on the late side of the series flowering window.
• New Rose Vein Large flowers for a multiflora petunia. Can produce up to 4% of pale pink off-types.
• White
• Flag Mix Midnight, Red, White.
• Formula Mix

Pretty Grand™ F 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.
• Mello Yellow
• Midnight Velvet blue.
• Purple
• Red
• Rose
• Summer Salmon with red veins.
• Violet
• White Clean white; dark foliage.
• Flag Mix Midnight, Red, White.
• Formula Mix

Order 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 fewer to no PGRs – suited to high-density programs. Vigorous plants fill in fast.
  
  - Blue
  - Carmine
  - Pink
  - Purple
  - Red
  - Rose
  - Salmon
  - Violet
  - White
  - 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, and deliver good vigor in the garden. Blooms are held on short stems just above the foliage.
  
  - Rose
  - Ruby

**Ez Rider® F1 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.**
- **Available as Ball Premier Line® seed.**
  
  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: Similar to Rose in low light; in higher light, color is lighter than Rose.
  - Deep Salmon: White throat; darker color than traditional salmon petunias.
  - Red
  - Rose: Color is similar to Deep Pink in low light; in higher light, color is deeper than Deep Pink.
  - White: Clean white with slightly ruffled margin.
  - Mix

  **May contain most or all colors in the series.**

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With the Catalog Search, you can look up varieties, access helpful info and use the "BUY NOW" button all within a few seconds.
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
- Blue Picotee
- Blue Vein
- Burgundy
- Burgundy Picotee
- Deep Purple
- Mid-Blue
- Orchid Vein
- Peach
- Pink Morn
- Plum
- Red
- Red Picotee
- Red Vein
- Rose
- Rose Morn
- Rose Picotee
- Rose Vein
- Salmon
- Salmon Morn
- Silver Blue
- Sky Blue
- Sweet Pink
- Violet
- Violet Picotee
- White
- New Yellow Lime
- New Blue Fashion Mix
- Grower Mix: Includes Blue, Burgundy, Red, Rose, Rose Morn, Salmon Vein, Salmon and White.
- Mix: May contain most or all colors in the series.
- New Pastel Mix
- Picotee Mix: Includes the Picotee varieties in the series.
- New Vein Mix

Lo Rider™ F1 Series
Height: 7 to 10 in. (18 to 25 cm)
Spread: 8 to 12 in. (20 to 30 cm)
A PanAmerican Seed® Product.
Up to half the amount of PGRs are needed – and none, under some growing regimes. Suitable for cold growing. Tight bloom window lets you ship and sell all series colors at the same time.
- Blue
- Pink
- Red
- Rose
- Violet
- White
- Mix: May contain most or all colors in the series

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
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.
- Blue
- Blue Vein
- Burgundy
- Deep Purple
- Mid-Blue
- Orchid Vein
- Peach
- Pink
- Pink Morn
- Plum
- Purple
- Red
- Red Morn
- Red Vein
- Rose
- Rose Morn
- Rose Vein
- Salmon
- Sky Blue
- Sweet Pink
- Violet
- White
- New Yellow Lime
- New Blue Fashion Mix
- Grower Mix includes Blue, Burgundy, Pink, Red, Red Morn, Rose, Rose Vein, Salmon and White.
- Mix May contain most or all colors in the series.
- New Pastel Mix
- New Vein Mix

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® F1 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
- Peppermint
- Red
- Sugar Light orchid; deep purple veins.
- Mix May contain most or all colors in the series.
Annuals

**Dreams™** F₁ 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, Midnight.
- Waterfall Mix Midnight, Sky Blue, White.

**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.

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

Early bicolor series has flowers with white edging.

- Blue
- Burgundy
- Red
- Rose
- Velvet
- Mix May contain most or all colors in the series.
**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:** 4 in. (10 cm)
- **Available as Ball Premier Line® seed.**

The best-performing yellow grandiflora. Early, with a compact, uniform habit. All-America Selections 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.

**Availability:** 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** Rose color with yellow throat.
- **Blackberry** Shimmering black with some reddish-purple undertones.
- **Blue Morn** Blue margin with silver-white throat.
- **Lime Bicolor** Unique flower color changes based on light, heat and age of flowers.
- **Lime Green** Yellow with underlying lime tone is a very solid, saturated color with no veining or fading like traditional yellow petunias.
- **Twilight** Large flowers have a smoky mauve top and green underside.

**Success 360° Series**
- **Height:** 13 in. (33 cm)
- **Spread:** 14 to 16 in. (36 to 41 cm)
- **Flower Size:** 3 in. (8 cm)

**Availability:** Ball Premier Line® seed.

Versatile grandiflora series is lush and uniform in packs; looks great from 360°!

- **Blue**
- **Burgundy**
- **Burgundy Vein**
- **Deep Pink**
- **Deep Rose**
- **Light Yellow**
- **New Pink**
- **Purple**
- **Purple Vein**
- **Red**
- **Red Star**
- **Rose Star**
- **White**
- **Maxi Mix** May contain most or all colors in the series.
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
• Light Pink
• Pink
• Red
• Rose Star
• New Salmon
• Salmon Morn
• White
• Maxi Mix May contain most or all colors in the series.

Supercascade F₁ 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
• 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

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

Petunia x hybrida

**Double Cascade F₁ 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 F₁**
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 Rose F₁**
Height: 10 to 15 in. (25 to 38 cm)
Spread: 10 to 12 in. (25 to 30 cm)
A PanAmerican Seed® Product.
Available as Ball Premier Line® seed.
Large, ruffled, bicolor picotee flowers have a broad white edging.
SINGLE MULTIFLORA PETUNIA

Debonair™ F1 Collection
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.
Designer series combines special one-of-a-kind colors with professional seed quality. Multiflora blooms are displayed on the well-branched, mounded 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.
• **Dusty Rose** Flowers become lighter in higher light/warmer conditions.
• **Lime Green** Stronger plant vigor and similar timing to Black Cherry offer a better mixing option.

Evening Scentsation
Height: 5 to 8 in. (13 to 20 cm)
Spread: 30 to 35 in. (76 to 89 cm)
Available as Ball Premier Line® seed.
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.*

Hurrah Series
Height: 8 to 10 in. (20 to 25 cm)
Spread: 7 to 10 in. (18 to 25 cm)
Flower Size: 2.5 in. (6 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** May contain most or all colors in the series.

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

**Madness® F1 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.

- Blue Star
- Blue Vein
- Burgundy
- Burgundy Star
- Deep Rose
- Lilac
- Magenta
- Mid-Blue
- Midnight
- Orchid
- Pink
- Plum
- Plum Crazy
- Red
- Red Morn
- Red Picotee
- Rose
- Rose Morn
- Rose Star
- Royal
- Sheer
- Simply
- Sky Blue
- Spring
- Sugar
- Summer
- White
- Yellow

- **Clear Madness Mix** Contains 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, Midnight.
- **Total Madness Mix** Bright mix of 14 colors.
- **Waterfall Madness Mix** Beautiful blue-toned mix includes Lilac, Magenta, Royal and White.

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**Images:**
- madness red, plum crazy & yellow petunia
- waterfall madness mix petunia
- total madness mix petunia
DOUBLE FLORIBUNDA & MILLIFLORA PETUNIA

DOUBLE FLORIBUNDA PETUNIA

Double Madness™ F1 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
• Lavender
• Rose
• Rose And White
• Salmon
• Mix May contain most or all colors in the series.

MILLIFLORA PETUNIA

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® 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 May contain most or all colors in the series.
• Patriot Mix

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

**Phlox drummondii**

*Crop Time:* Packs, 12 to 15 weeks

**21st Century F₁ Series**

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

*Available as Ball Premier Line® 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.

**Popstars Mix F₁**

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

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

**PLECTRANTHUS**

**Plectranthus argentatus**

*Crop Time:* Packs, 12 to 15 weeks

**Silver Shield**

- **Height:** 24 to 30 in. (61 to 76 cm)
- **Spread:** 24 to 30 in. (61 to 76 cm)

*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)*

- **Crop Time:** Packs, 18 to 21 weeks
- **Height:** 15 in. (38 cm)
- **Spread:** 6 in. (15 cm)

*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**
- **Mix** May contain most or all colors in the series.

**PHYSALIS** See Vegetables.

**PHYSOSTEGIA** See Perennials.

**PLATYCodon** See Perennials.
STANDARD PORTULACA

Portulaca grandiflora
(Moss Rose, Purslane)

Crop Time: Packs, 12 to 13 weeks

Happy Hour™ F1 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, Fuchsia.
- Tropical Mix Deep Red, Orange, Banana.

SPREADING/TRAILING PORTULACA

Crop Time: Packs, 12 to 13 weeks

Happy Trails™ F1 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 F1 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.

- Coral
- Deep Red
- Fuchsia
- Gold
- Light Pink
- Orange
- Peach All-America Selections 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

Ptilotus exaltatus

Joey ApeX

Height: 14 in. (36 cm)
Spread: 12 to 14 in. (30 to 36 cm)
Crop Time: 4-in. (10-cm) pots, 10 to 12 weeks

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.

RANUNCULUS See Potted Plants.

RUDBECKIA Also see Perennials.

Rudbeckia hirta (Black Eyed Susan)

Amarillo Gold

Height: 12 to 14 in. (30 to 36 cm)
Spread: 12 to 24 in. (30 to 61 cm)
Crop Time: 13 to 15 weeks

Available as Ball Premier Line® seed.

Huge, bright flowers. Similar look and bloom size to Prairie Sun but on compact plants.

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.

Cherokee Sunset

Height: 24 to 30 in. (61 to 75 cm)
Spread: 12 in. (30 cm)

A blend of Fall colors – yellow, bronze, orange and mahogany – on 3 to 4 in. (8 to 10-cm) double or semi-double flowers with long stems.

Cherry Brandy

Height: 12 to 20 in. (30 to 51 cm)
Spread: 18 in. (46 cm)

First red rudbeckia! Single flowers in red shades with deep red centers. Excellent cut flower and in beds.

Denver Daisy

Height: 20 to 28 in. (51 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: 12 in. (30 cm)

Available as Ball Premier Line® seed.

Vivid blooms with red rings and brown centers top sturdy-stemmed plants.

Prairie Sun

Height: 24 to 36 in. (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 Winner.

Sonora

Height: 12 to 14 in. (30 to 36 cm)
Spread: 18 to 24 in. (46 to 61 cm)

Available as Ball Premier Line® seed.

Large, 3-in. (8-cm) golden flowers with black center.

Toto Series

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

Available as Ball Premier Line® seed.

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

Ruellia brittoniana/Ruellia 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

Ruellia annuals

Salvia

Salvia canariensis (Canary Island Sage)

Lancelot

Height: 36 to 42 in. (91 to 107 cm)
Spread: 24 to 30 in. (61 to 76 cm)

A PanAmerican Seed® Product.

Crop Time: Packs, 8 to 14 weeks

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.

Salvia cococcina

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

Salvia farinacea (Tall Salvia farinacea)

Evolution Series

Height: 18 to 24 in. (46 to 61 cm)
Spread: 16 to 18 in. (41 to 46 cm)

Crop Time: Packs, 8 to 14 weeks

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 Winner.
- White

Salvia farinacea

Hummingbird Forest Fire Salvia

Sirius Blue Salvia

Dwarf Salvia farinacea

Rhea

Height: 12 to 16 in. (30 to 41 cm)
Spread: 10 to 12 in. (25 to 30 cm)

Available as Ball Premier Line® seed.

Mid-blue spikes.

Sirius Blue

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

A nice compact variety from seed, with an intense dark blue color that attracts bees and butterflies. Tall flower spikes fill in the garden easily. Features vigorous growth and versatile beauty that thrives in a wide range of climates and exposure. Good for borders, pots and containers.

Salvia farinacea (Tall Salvia farinacea)

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

SALVIA Also see Perennials.  

Salvia canariensis (Canary Island Sage)

Lancelot

Height: 36 to 42 in. (91 to 107 cm)
Spread: 24 to 30 in. (61 to 76 cm)

A PanAmerican Seed® Product.

Crop Time: Packs, 8 to 14 weeks

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.

Salvia cococcina

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

Salvia farinacea (Tall Salvia farinacea)

Evolution Series

Height: 18 to 24 in. (46 to 61 cm)
Spread: 16 to 18 in. (41 to 46 cm)

Crop Time: Packs, 8 to 14 weeks

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 Winner.
- White

Salvia farinacea (Tall Salvia farinacea)
SALVIA continued

Fairy Queen
Height: 18 in. (46 cm)
Spread: 12 to 15 in. (30 to 38 cm)
Well-branched, long-blooming plants hold many dense spikes of sapphire blue flowers, each with a small white spot.

Victoria Series
Height: 18 to 24 in. (46 to 61 cm)
Spread: 18 in. (46 cm)
Good garden cut flowers.
- Blue
- White

Salvia patens

Patio Series
Height: 12 to 14 in. (30 to 36 cm)
Spread: 8 to 12 in. (20 to 30 cm)
A PanAmerican Seed® Product.
Crop Time: Packs, 8 to 14 weeks
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 Salvia splendens

Mojave 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 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.

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 salvias 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.
• Purple
• Red
• 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.

Salvia splendens (Tall Salvia splendens Late-Flowering Type)

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

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

SHASTA DAISY
See Chrysanthemum.
Also see Perennials (Leucanthemum).
SNAPDRAGON Also see Cut Flowers.

*Antirrhinum majus* (Dwarf Garden Snapdragon)

**Snapshot F1 Series**

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

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

**Available as Ball Premier Line® seed.**

**Crop Time:** Packs, 20 to 21 weeks

*A Ball Ingenuity™ product, available exclusively through Ball 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
- Purple
- Red
- Red Bicolor
- Red Flame
- Rose
- White
- Yellow
- Citrus Mix: Bright sunshine mix of Orange, White and Yellow.
- Mix: May contain most or all colors in the series.
- Spring Mix: Bright and cheery mix includes Yellow, Purple and White.
Snaptini F₁ 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 F₁ 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
- 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.
SNAPDRAGON continued

Medium Snapdragon

**Twinny F 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
- Rose
- Violet
- White
- Yellow Shades
- Mix

May contain most or all colors in the series.

Liberty Classic F 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 Shades
- Mix

May contain most or all colors in the series.

**Oh Snap! F 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), 15 to 17 weeks in short days and into cooler conditions (late Fall to Winter, early Spring).

- Pink
- White
- Yellow

Snaptastic F 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 Shades
- Mix

May contain most or all colors in the series.

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
- Mix

May contain most or all colors in the series.

**Speedy Sonnet F 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 Shades
- Mix

May contain most or all colors in the series.
**SOLANUM** See Cut Flowers.

**STATICE** See Cut Flowers (Limonium).

**STIPA** See Grasses.

**STOCK** Also see Cut Flowers.

_Matthiola incana_

**Harmony Series**
- Height: 6 to 8 in. (15 to 20 cm)
- Spread: 10 in. (25 cm)
- Crop Time: Packs, Spring: 13 to 15 weeks; Fall: 15 to 17 weeks; except where noted. Early series is tall and full.
  - 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 as Ball Premier Line® seed.
- Selectable, fully double plugs produce more attractive, green-leaved plants than comparable gray-leaved, non-selectable types which can show up to 50% singles. Very well-branched, dwarf plants have highly fragrant, brightly colored blooms. Great landscape and garden performance. 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.

**Mime Series**
- Height: 15 to 18 in. (38 to 46 cm)
- Spread: 6 in. (15 cm)
- Lots of fragrant flowers top upright, true green-leaved 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 Mix**
- 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.

**Mime Series**
- Height: 15 to 18 in. (38 to 46 cm)
- Spread: 6 in. (15 cm)
- Lots of fragrant flowers top upright, true green-leaved 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.

**Sunfinity Yellow Dark Eye**
- Height: 36 to 48 in. (91 to 122 cm)
- 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.

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

Also see Cut Flowers.

Lathyrus odoratus

Incense Mix

Vine length: 4 ft. (1.2 m).
Climbing tendril‑mixed 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 Hi 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.

TITHONIA

Thunbergia alata (Black Eyed Susan Vine)

Susie™ Series

Height: 72 to 96 in. (183 to 244 cm)
A PanAmerican Seed® Product.
Crop Time: Packs, 10 to 12 weeks
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.

THUNBERGIA

Thunbergia alata (Black Eyed Susan Vine)

Susie™ Series

HEIGHT: 72 to 96 in. (183 to 244 cm)
A PanAmerican Seed® Product.
Crop Time: Packs, 10 to 12 weeks
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.

TORENIA

Torenia fournieri

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.

Hi‑Lite 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.
Multi‑branched plants fill packs and small pots with ease for efficient high‑density production. Close flowering window and well‑matched habits help reduce grower costs and increase efficiency.

• New Blue Beacon
• Blue Jump Up
• Deep Blue
• Magenta
• Pink
• White
• Mix May contain most or all colors in the series.
**annuals**

**Kauai™ Series**
- **Height:** 8 in. (20 cm)
- **Spread:** 8 in. (20 cm)
- **A PanAmerican Seed® Product.**
- **Available as Ball Premier Line® seed.**
- 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.

**VERBENA**

**Crop Time:** Packs, Spring: 12 to 14 weeks; Summer: 11 to 13 weeks

**Verbena bonanensis**

**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.

**New Vanity**
- **Height:** 30 in. (76 cm)
- **Spread:** 15 in. (38 cm)
- **Available as Ball Premier Line® seed.**
- Compact habit makes it sturdy and easy to maintain. Deep blue/purple flowers attract butterflies day in and day out. All-America Selections Winner.

**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**
  - **• Burgundy with Eye**
  - **• Coral with Eye**
  - **• Light Blue with Eye**
  - **• Lilac**
  - **• Pink**
  - **• Red**
  - **• Red with Eye**
  - **• Scarlet**
  - **• Twister Purple**
  - **• Twister Red**
  - **• White**
  - **• Berry Tart Mix** Blue with Eye, Burgundy with Eye and lavender (not available separately).
  - **• Eye 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 Violet**
  - **• White**

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

**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
- Twister Purple Shades
- White
  - Mix May contain most or all colors in the series.
- *Pastel Mix*

**Quartz Blue**
Height: 10 to 12 in. (25 to 30 cm)
Spread: 12 to 14 in. (30 to 36 cm)
*A PanAmerican Seed® Product.*

**Quartz XP 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.
Quartz XP varieties have a tight, 7-day flowering window; early and significantly better branching; and reduced internode length.
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.
- Bordeaux
- Pink
- Purple
- Red with Eye
- Scarlet
- Silver
- Violet with Eye
- White
- Merlot Mix Strong burgundy, red and purple shades.
  - Mix May contain most or all colors in the series.

**Imagination**
Height: 12 in. (30 cm)
Spread: 24 in. (61 cm)
*Available as Ball Premier Line® seed.*
Blooming continuously and freely, the drought-tolerant plants fill in quickly and display clusters of deep violet blue, 0.5-in. (1-cm) blooms.

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**VERONICA** See Perennials and Cut Flowers.
**VINCA**

*Catharanthus roseus* (Aerial Phytophthora-Resistant Upright Vinca)

**Crop Time:** Packs, 14 to 15 weeks

**Valiant™ F₁ Series**

- **Height:** 14 to 20 in. (36 to 51 cm)
- **Spread:** 10 to 12 in. (25 to 30 cm)

*PanAmerican Seed® Product.*

Delivers Intermediate Resistance (IR) to aerial Phytophthora AND it’s more vigorous than the competition.

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.

- Apricot
- Burgundy
- Lilac
- Magenta
- Orchid Slightly less vigorous than others in the series
- Punch
- Pure White
- Mix Apricot, Burgundy, Lilac, Punch, Pure White.

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

**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
- New Blue
- Burgundy
- Crimson
- Dark Red
- 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.
- Apricot
- Cranberry
- Deep Strawberry
- Hotgenta
- Light Pink
- Magenta Halo
- Orchid
- Pink Halo
- Polka Dot
- Punch
- White
- **Mix** May contain most or all colors in the series.

**NEW Blockbuster Blue Vinca**

**Corona XDR Pink Halo Vinca**

**Corona XDR Polka Dot Vinca**

**Corona XDR Cranberry Vinca**

**Corona XDR Light Pink Vinca**

**Corona XDR Apricot Vinca**

**Blockbuster Punch Vinca**

**Blockbuster Peppermint Vinca**

**Blockbuster Red with Eye Vinca**
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 Winner.
• Peach Pink
• Pink
• Pink Halo All-America Selections Winner.
• Polka Dot All-America Selections 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.

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

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**Mega Bloom Series**

- Mega Bloom Lavender Vinca
- Mega Bloom Grape Vinca
- Mega Bloom Red Vinca
- Mega Bloom Strawberry Vinca
- Mega Bloom Grape Vinca
- Mega Bloom Peach Pink Vinca
- Mega Bloom Icy Pink Vinca
- Mega Bloom Apricot Vinca
- Mega Bloom Orchid Halo Vinca
- Mega Bloom Peach Pink Vinca
- Mega Bloom Icy Pink Vinca
- Mega Bloom Red Vinca
- Mega Bloom Polka Dot Vinca
- Mega Bloom White Vinca
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.*

**Crop Time:** Packs, 14 to 15 weeks

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.

- Apricot
- Blush
- Burgundy
- Burgundy Halo All-America Selections Winner.
- Cherry Red Halo
- Dark Red
- Deep Orchid
- Lilac
- Magenta Halo
- Orange
- Polka Dot
- Punch
- Really Red
- Rose Halo
- White
- Bold Mix Cranberry, Really Red, Deep Orchid, Orange.

*May contain most or all colors in the series.*
**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.

**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
- Blueberry
- New Orange
- Papaya
- Raspberry
- Tangerine
- American Pie Mix

Features a medium orange color with a consistent dark center.

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

Titan™ F1 Series

Height: 14 to 16 in. (36 to 41 cm)
Spread: 10 to 12 in. (25 to 30 cm)

A PanAmerican Seed® Product.

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.

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
- Burgundy
  - New Cranberry Features a rich, velvety, dark red bloom color with a lighter center. Times with Really Red. Landscape height is on the tall side of the series at 16 in. (41 cm).
  - Dark Red
  - 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.
  - Rose
  - Rose Halo
  - Bubble Gum Mix Blush, Icy Pink, Rose.
  - Clear Mix Burgundy, Dark Red, Lilac, Punch, Pure White.
  - Mix May contain most or all colors in the series.
  - Summer Breeze Mix Lavender Blue Halo, Lilac, Pure White.

NEW Titan Cranberry Vinca

Titan Clear Mix Vinca

Titan Summer Breeze Mix Vinca

Titan Bubble Gum Mix Vinca

Titan Blush Vinca

Titan Clear Mix Vinca

NEW Titan Cranberry Vinca

Titan Clear Mix Vinca

Titan Summer Breeze Mix Vinca

Titan Bubble Gum Mix Vinca

Titan Blush Vinca
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.

Virtuosa F1 Series
Height: 12 to 14 in. (30 to 36 cm)
Spread: 12 to 16 in. (30 to 41 cm)
Compact F1 hybrid and uniform habit with great basal branching in pots. Overlapping strong petals have a round flower shape.
• New Apricot
• Cranberry
• Deep Purple
• Deep Red
• Lavender
• New Orchid
• New Pink
• Polka Dot
• Punch
• New Raspberry
• 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
• Mix May contain most or all colors in the series.
• Sweetheart Mix Blush, Icy Pink and Pink.
Trailing Vinca

Cora Cascade XDR 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. Provides High Resistance to 10 of the most virulent isolates of Phytophthora nicotianae, the cause of Phytophthora blight in annual vinca.

• Apricot
• Bright Rose
• Lavender with Eye
• Lilac
• Polka Dot
• New Punch
• Shell Pink
• Strawberry Bicolor pink, rosy red center.
• Violet
• White
• Mix May contain most or all colors in the series.

Mediterranean XP Series

Height: 4 to 6 in. (10 to 15 cm)
Spread: 20 to 30 in. (51 to 76 cm)

A PanAmerican Seed® Product.

XP varieties fill in fast with terrific coverage to make big, color-filled baskets.

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.

• Burgundy Halo
• Dark Red Same deep red as Pacifica XP Dark Red. Slightly more mounded habit than others in the series.
• Hot Rose
• Peach
• Red Same true red as Pacifica XP Really Red. Slightly more mounded habit than others in the series.
• Rose Halo
• Strawberry Light pink with rose center.
• White
• Mix May contain most or all colors in the series.
Rebelina 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 and Yellow
- Golden Yellow
- Purple and Yellow
- Red and Yellow

Viola cornuta (Standard Viola)
Admire F₁ 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
- New Ivory Blotch
- Jolly Face
- Lavender Pink Face
- Lemon Purple Wing
- Marina
- Neon Purple Wing
- Orange Purple Wing
- 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
ColorMax F1 Series

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

Available as Ball Premier Line<sup>®</sup> 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.

- Beacon Rose
- Berry Pie
- Clear Orange
- Clear Purple
- Clear Yellow
- Icy Blue
- Lemon Splash
- Popcorn
- Purple Glow
- Rose with Blotch
- New True Blue
- 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<sup>®</sup> 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 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<sup>®</sup> Product. 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 Flowers contain shades of purple, burgundy and yellow, providing a tapestry of color.
- Yellow
- Mix Yellow, Purple Shades and Tapestry.
**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.

- Beaconsfield
- Black
- Blue
- Clear Yellow
- Deep Blue
- Denim Jump-Up
- Marina
- Mickey
- Orange
- Orange Jump-Up
- Peach Jump-Up
- Primrose Bicolor
- Primrose Picotee
- Purple Picotee
- Red Blotch
- Red Wing
- Rose Blotch
- Violet
- Violet Face
- Violet Tiger Face
- White
- White Blotch
- White Jump-Up
- Yellow
- Yellow Blotch
- Yellow Jump-Up
- All-Season Mix
- Citrus Mix
- Jump-Up Mix
- Penny Lane Mix
- Winter Mix

**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.

- Blue
- Blue Purple Jump Up
- Lemon Jump Up
- Mickey
- White Blotch
- 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

**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.

- **Black Delight**
- **Carmine Rose**
- **Fire** Pattern varies by environment.
- **Honeysuckle** Yellow/copper-orange bicolor.
  30% more vigorous and longer peduncles than other Sorbet varieties.
- **Icy Blue**
- **Lavender Pink**
- **Lemon Chiffon**
- **Lilac Ice**
- **Midnight Glow** Totally unique color to violas – purple bloom with yellow and blue face with consistent blotch.
- **Orchid Rose Beacon**
- **Tiger Eye**
- **Yellow Blue Jump Up**

Sorbet® XP 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.

Sorbet XP delivers the tightest bloom window and a uniform habit, so growers can send the best-looking violas to retail.

- **Beaconsfield**
- **Blue Blotch**
- **Deep Orange**
- **Delft Blue** Blue and white bicolor.
- **Denim Jump Up**
- **Lemon Ice Blotch**
- **Lemon Jump Up**
- **Marina**
- **Morpho** Bicolor pattern changes with environment; more blue under cool Spring conditions.
- **Neptune**
- **Orange Jump Up**
- **Pink Halo**
- **Pink Wing** Pink cap/white face color pattern.
- **Primrose Blotch**
- **Purple**
- **Purple Face**
- **Raspberry** Rose-pink and white shades.
- **Red Blotch** Best plant structure and timing of any red blotch variety for Fall production. Times on the early side of the series.
- **Rose Blotch**
- **True Blue**
- **White**
- **White Blotch**
- **White Jump Up**
- **Yellow**
- **Yellow Blotch**
- **Yellow Burgundy Jump Up**
- **Yellow Jump Up**
- **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.
- **YTT** Opens white, then changes to aurora blue.
- **All Season Mix** Deep Orange, True Blue, White and Yellow.
- **Autumn Select Mix** Bold seasonal colors selected for optimal timing and habit uniformity in Fall.
- **Blueberry Sundae Mix** True Blue, Delft Blue, White.
- **Citrus Mix** Deep Orange, Yellow, White.
- **Harvest Mix** Deep Orange, Purple, Yellow.
- **Mix**
- **Spring Select Mix** Selected for optimal timing and habit uniformity in Spring.
Tiger Eye F₁ 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.

ZINNIA Also see Cut Flowers.

Zinnia angustifolia

Star Series
Height: 14 in. (36 cm)
Spread: 8 in. (20 cm)
A PanAmerican Seed® Product.
Available as Ball Premier Line® seed.
Crop Time: Packs, 8 to 10 weeks
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.

You can save and track your favorite products on the FREE WebTrack To Go® app.

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

Dreamland F₁ Series
Height: 8 to 15 in. (20 to 38 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.

Holi Scarlet F₁
Height: 8 to 12 in. (20 to 30 cm)
Spread: 8 to 10 in. (20 to 25 cm)
Available as Ball Premier Line® seed.
With exceptional heat tolerance and disease resistance, Holi Scarlet has fully double flowers for outstanding performance in containers and gardens. All-America Selections Winner.
ZINNIA continued

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
- Ivory
- Orange
- Pink
- Salmon
- Scarlet
- Yellow
- Mix May contain most or all colors in
the series.

Preciosa F₁ Series
Height: 12 in. (30 cm)
Spread: 10 to 12 in. (25 to 30 cm)
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
- Orange
- Pink
- Red
- Rose
- Scarlet
- Tropical Blend
- White
- Yellow
- Formula Mix
- Premium Mix
Short Stuff Mix F₁
Height: 12 to 14 in. (30 to 36 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 through 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**
- **New Orange** Vibrant orange color. Matches the rest of the series in timing and flower size; similar in height to Purple.
- **Pink**
- **Purple**
- **Scarlet** The most compact variety in the series.
- **White**
- **Yellow** Improved variety matches the rest of the series in flower diameter and timing; in the middle of the series for height.
- **Mix** Includes all the colors of the series.

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.

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 to 122 cm)
Spread: 12 to 14 in. (30 to 36 cm)
A PanAmerican Seed® Product.
Large, bright blooms. Good garden cut flower.

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

**Uprow 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.

**Zinnia 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.

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 Winner.
- Cherry Bicolor
- Coral Pink
- Fire Scarlet-orange.
- Lemon
- Orange All-America Selections Winner.
- Red All-America Selections Winner.
- Red Yellow Bicolor
- White All-America Selections Winner.
- Yellow
- 3 Color Mix Includes all 3 All-America Selections colors: Cherry, Orange and White.
- 5 Color Mix Deep Apricot, Cherry, Fire, Orange and White.
- AAS 4 Color Mix Cherry, Orange, Red and White. All-America Selections Winners.
- Mix May contain most or all colors in the series.

128 ZINNIA
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.
• Deep Salmon All-America Selections Winner.
• Fire
• Golden
• Hot Cherry All-America Selections Winner
• Red
• White
• Yellow
• Mix May contain most or all colors in the series.
• Sunrise Mix Double Fire, Double White and Double Yellow.

Zinnia marylandica
Zahara® Series
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.
Drive-by color meets disease resistance...WOW!
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
• Fire
• Raspberry Matches Fire for habit.
• Red One of the largest flowers in the series. Color varies by environment.
• Starlight Rose Color pattern varies by environment; best color from high light, good fertilization and cool nights. All-America Selections Winner.
• Sunburst
• White
• Yellow
• Bonfire Mix Red, Fire, Yellow.
• Mix May contain most or all colors in the series.
• Raspberry Lemonade Mix Raspberry, Yellow, Starlight Rose.
ZINNIA continued

Double Zahara™ Series

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.
The only fully double, disease-resistant series on the market.

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 Winner.
• Fire All-America Selections Winner.
• Raspberry Ripple
• Salmon
• White
• Yellow
• Brilliant Mix Yellow, Cherry, Fire.
• Mix Cherry, Salmon, Yellow, Fire, White.

New Zydeco Series

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

Available as Ball Premier Line® seed.

Fully-double flowers increase flower longevity with lasting impact. Excellent disease resistance along with heat and drought tolerance for superior season-long garden performance.

• Cherry
• Deep Yellow
• Fire
• White

WEBTRACK®
Copy previous orders to save time and get your favorites fast.
ADD INTEREST IN CONTAINERS, POTS AND LANDSCAPES

NEW GRASSES FOR 2023-2024

Juncus Spiralis ........................................134
Muhlenbergia Ruby ..................................135
Muhlenbergia Rosy .................................135
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:

<table>
<thead>
<tr>
<th>Class/Variety</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sirocco Anemanthele</td>
<td>Annual</td>
<td>12 to 14 in. (30 to 36 cm)</td>
<td>22 to 24 in. (56 to 61 cm)</td>
</tr>
<tr>
<td>Amazon Mist Carex</td>
<td>6-10</td>
<td>6 to 12 in. (15 to 30 cm)</td>
<td>14 in. (36 cm)</td>
</tr>
<tr>
<td>Red Rooster Carex</td>
<td>6-9</td>
<td>20 to 30 in. (51 to 76 cm)</td>
<td>12 in. (30 cm)</td>
</tr>
<tr>
<td>Phoenix Green Carex</td>
<td>6-10</td>
<td>20 to 24 in. (51 to 61 cm)</td>
<td>16 to 20 in. (41 to 51 cm)</td>
</tr>
<tr>
<td>Bronco Carex</td>
<td>6-10</td>
<td>6 to 12 in. (15 to 30 cm)</td>
<td>14 in. (36 cm)</td>
</tr>
</tbody>
</table>

The ColorGrass® program from PanAmerican Seed® offers a collection of ornamental grasses from seed, with a wide range of colors, heights, habits and textures.

**ANEMANTHELE**

Anemanthele lessoniana


Shows shades of copper and pink in cool conditions, in natural sunlight and at maturity. Upright. The only pink grass from seed on the market. Good in landscapes, containers, beds and baskets.

**CAREX**

Carex buchananii


Red-bronze grass has curled tips and upright habit.

Carex comans (Leatherleaf Sedge)

Amazon Mist A PanAmerican Seed® Product. A ColorGrass® selection.

Variegated light/medium green grass has twisting tips and an arching habit.


Bronze-brown variety has an arching habit.


Bright green. Sturdy, upright, narrow-leaved sedge. Good heat tolerance, easy care. Use as an accent in landscapes and planters.

**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.

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<table>
<thead>
<tr>
<th>Grass Name</th>
<th>Best Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sirocco Anemanthele</td>
<td>Makes a great filler in containers with its pink color.</td>
</tr>
<tr>
<td>Amazon Mist Carex</td>
<td>Best in containers with its feathery texture.</td>
</tr>
<tr>
<td>Red Rooster Carex</td>
<td>Its reddish-bronze color looks great in containers and in the ground.</td>
</tr>
<tr>
<td>Elijah Blue Festuca</td>
<td>Good as ground cover in the South.</td>
</tr>
<tr>
<td>Live Wire Isolepis</td>
<td>Fiber optic grass that works well in water applications and terrariums.</td>
</tr>
<tr>
<td>Blue Arrows Juncus</td>
<td>A bestseller in Zone 5.</td>
</tr>
<tr>
<td>Javelin Juncus</td>
<td>Ideal for large containers, ground beds and water gardens.</td>
</tr>
<tr>
<td>Twisted Arrows</td>
<td>Good as ground cover in the South, as well as in containers and water containers.</td>
</tr>
<tr>
<td>Ornamental Millet (page 62)</td>
<td>Also a good choice for use in the landscape.</td>
</tr>
<tr>
<td>Pony Tails Stipa</td>
<td>Use in ground beds, but with caution, as it can be considered invasive; this one is best in containers.</td>
</tr>
<tr>
<td>Class/Variety</td>
<td>USDA Hardiness Zones</td>
</tr>
<tr>
<td>--------------</td>
<td>----------------------</td>
</tr>
<tr>
<td><strong>CORTADERIA</strong></td>
<td></td>
</tr>
<tr>
<td>Cortaderia selloana</td>
<td>Annual</td>
</tr>
<tr>
<td>Feather Series</td>
<td>Enormous feathery plumes sway atop gracefully arching foliage and tall stems.</td>
</tr>
<tr>
<td>• Pink Feather • White Feather</td>
<td></td>
</tr>
<tr>
<td><strong>CYPERUS (CAT GRASS)</strong></td>
<td></td>
</tr>
<tr>
<td>Cyperus alternifolius (Cat Grass)</td>
<td></td>
</tr>
<tr>
<td>Zumula</td>
<td>Known as umbrella plant, it is an appealing grass-like plant related to sedge grass. Compact height is perfectly suited for indoors. Young foliage is fresh and bright-green, followed by distinctive umbrella-shaped forms.</td>
</tr>
<tr>
<td><strong>FESTUCA</strong></td>
<td></td>
</tr>
<tr>
<td>Festuca cinerea/Festuca glauca</td>
<td>Elijah Blue</td>
</tr>
<tr>
<td></td>
<td>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.</td>
</tr>
<tr>
<td></td>
<td>Blue-green. Dense, compact tufts with small, upright brown plumes Summer to Fall. Very cold hardy.</td>
</tr>
<tr>
<td></td>
<td>Isolepis cernua (Fiber Optic Grass)</td>
</tr>
<tr>
<td></td>
<td>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.</td>
</tr>
</tbody>
</table>
### Class/Variety

<table>
<thead>
<tr>
<th>JUNCUS</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuseables® Multi-species Multi-pellete</td>
<td>5-9</td>
<td>18 to 36 in. (46 to 91 cm)</td>
<td>12 to 18 in. (30 to 46 cm)</td>
</tr>
</tbody>
</table>

#### Twisted Arrows A PanAmerican Seed® Product. Blue-green and green. Upright.
Combines Blue Arrows jun cus and J. effusus spiralis (curly juncus) for a high-impact mix of colors and textures. Ideal for mixed containers and a good indoor lifestyle plant.

| Juncus effusus spiralis | 9 | 14 in. | 12 to 18 in. |

#### New Spiralis Available as Ball Premier Line® seed.
Strong twisted leaves on compact plants. Very effective in the landscape. Young plants work well in mixed containers.

<p>| | | | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Twister A PanAmerican Seed® Product. A ColorGrass® selection. 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 to 14 in. (30 to 36 cm)</td>
<td>12 to 14 in. (30 to 36 cm)</td>
</tr>
</tbody>
</table>

#### Juncus filiformis Spiralis
Ornamental plant shows off corkscrew-like, twisted green foliage in baskets and planters. Good in bogs and water gardens, too.

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<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Blue Arrows A PanAmerican Seed® Product. A ColorGrass® selection. 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>
</tbody>
</table>

#### Juncus inflexus Javelin
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.

<p>| | | | |</p>
<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Juncus tenuis Blue Dart</td>
<td>4-10</td>
<td>14 to 16 in. (36 to 41 cm)</td>
<td>10 to 12 in. (25 to 30 cm)</td>
</tr>
</tbody>
</table>

#### KOELERIA

| Koeleria glauca | 6-8 | 8 to 10 in. (20 to 25 cm) | 8 to 10 in. (20 to 25 cm) |

#### KOELERIA

<p>| Koeleria glauca | 6-8 | 8 to 10 in. (20 to 25 cm) | 8 to 10 in. (20 to 25 cm) |</p>
<table>
<thead>
<tr>
<th><strong>Class/Variety</strong></th>
<th><strong>USDA Hardiness Zones</strong></th>
<th><strong>Height</strong></th>
<th><strong>Spread</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LAGURUS (HARETAIL GRASS)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lagurus ovatus</td>
<td><strong>Annual</strong></td>
<td>8 to 12 in. (20 to 30 cm)</td>
<td>12 in. (30 cm)</td>
</tr>
<tr>
<td><strong>Bunny Tails</strong> 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>
<td></td>
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</tr>
<tr>
<td><strong>LUZULA</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Luzula nivea (Haretail Grass)</td>
<td><strong>4-9</strong></td>
<td>6 to 12 in. (15 to 30 cm)</td>
<td>18 in. (46 cm)</td>
</tr>
<tr>
<td><strong>Lucius</strong> 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>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>MELINIS (RUBY GRASS)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melinis (Rhynchelytrum) nerviglumis</td>
<td><strong>8-11</strong></td>
<td>10 in. (25 cm)</td>
<td>10 in. (25 cm)</td>
</tr>
<tr>
<td><strong>Savannah</strong> 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. Spikes grow to 18 in. (46 cm).</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MILIUM (GOLDEN MILLET GRASS)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Milium effusum aureum</td>
<td><strong>5-9</strong></td>
<td>18 to 24 in. (46 to 61 cm)</td>
<td>18 to 24 in. (46 to 61 cm)</td>
</tr>
<tr>
<td><strong>Aureum</strong> Elegant, arching, bright golden yellow clumping grass is useful for landscaping and mixed containers. Shows best color in Spring and Fall.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MUHLENBERGIA</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Muhlenbergia capillaris</td>
<td><strong>6-9</strong></td>
<td>28 to 32 in.</td>
<td>24 to 36 in.</td>
</tr>
<tr>
<td><strong>New Ruby</strong> Amazing pink-colored inflorescence. Excellent texture in mass plantings.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>New Rosy</strong> Densely tufted, clump-forming plant has glossy green foliage and reddish pink inflorescence. Smaller in stature than Ruby.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PANICUM</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>STIPA (MEXICAN FEATHER GRASS)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stipa tenaxissima</td>
<td><strong>5-10</strong></td>
<td>16 to 24 in. (41 to 61 cm)</td>
<td>24 in. (61 cm)</td>
</tr>
</tbody>
</table>

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THAT FILL GARDENS WITH BEAUTY
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YEAR AFTER YEAR.

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### ACHILLEA (YARROW)

**Uses:** Gardens, landscapes, cut flower; use fresh or dried

<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>Achillea millefolium</strong></td>
<td>✓</td>
<td>3-9</td>
<td>24 to 30 in. (61 to 76 cm)</td>
<td>36 in. (91 cm)</td>
<td>Summer-Fall</td>
</tr>
<tr>
<td><strong>Summer Berries</strong></td>
<td>Mix of intense red, cerise and pink shades</td>
<td>✓</td>
<td>3-9</td>
<td>24 to 30 in. (61 to 76 cm)</td>
<td>36 in. (91 cm)</td>
</tr>
<tr>
<td><strong>Achillea ptarmica</strong></td>
<td>✓</td>
<td>3-9</td>
<td>6 to 12 in. (15 to 30 cm)</td>
<td>8 to 12 in. (20 to 30 cm)</td>
<td>Late Spring-Late Summer</td>
</tr>
<tr>
<td><strong>Marshmallow</strong></td>
<td>Available as Ball Premier Line® seed. First-year-flowering without vernalization. Fills in 1 or 2-gal. pots quickly. Tolerates some shade; great for mixed containers. Short crop time, uniform flowering time, and quick bench run.</td>
<td>✓</td>
<td>3-9</td>
<td>6 to 12 in. (15 to 30 cm)</td>
<td>8 to 12 in. (20 to 30 cm)</td>
</tr>
</tbody>
</table>

### AGASTACHE (ANISE HYSSOP)

**Agastache foeniculum**

<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>Golden Jubilee</strong></td>
<td>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. All-America Selections Winner.</td>
<td>✓</td>
<td>4-10</td>
<td>15 to 19 in. (38 to 48 cm)</td>
<td>20 to 24 in. (51 to 61 cm)</td>
</tr>
<tr>
<td><strong>Arizona Series</strong></td>
<td>Compact and uniform, this drought-tolerant perennial is extremely floriferous with little care once established. • Sandstone Orange-red • Sun Bright Yellow • Sunset Flowers start dark peach, mature to lavender-pink, then fade to lavender-pink blush. • Mix May contain most or all colors in the series.</td>
<td>✓</td>
<td>6</td>
<td>8 to 10 in. (20 to 25 cm)</td>
<td>8 to 10 in. (20 to 25 cm)</td>
</tr>
</tbody>
</table>

### ALCEA (GARDEN HOLLYHOCK)

**Alcea rosea**

<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>Chater’s Series</strong></td>
<td>Double flowers are produced in tall columns. Good garden cut flower. • Chamois Rose • Golden Yellow • Maroon • Salmon Pink • Scarlet • White • Mix May contain most or all colors in the series.</td>
<td>✓</td>
<td>3-9</td>
<td>70 to 80 in. (178 to 203 cm)</td>
<td>20 to 24 in. (51 to 61 cm)</td>
</tr>
<tr>
<td><strong>Alcea Chater’s Chamois Rose</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Alcea Chater’s Golden Yellow</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Alcea Chater’s Maroon</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Alcea Chater’s Salmon Pink</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Alcea Chater’s Scarlet</strong></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>Alcea Chater’s White</strong></td>
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</tr>
</tbody>
</table>

### ALCHEMILLA (LADY’S MANTLE)

**Alchemilla mollis**

<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>Thriller</strong></td>
<td>Staking, 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.</td>
<td>✓</td>
<td>3-7</td>
<td>15 to 20 in. (38 to 51 cm)</td>
<td>18 to 24 in. (46 to 61 cm)</td>
</tr>
</tbody>
</table>
### AQUILEGIA (COLUMBINE)

**Uses:** Gardens, containers, 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><strong>Aquilegia caerulea</strong></td>
<td></td>
<td>4-9</td>
<td>14 to 24 in. (36 to 61 cm)</td>
<td>12 to 20 in. (30 to 51 cm)</td>
<td>Early Spring-Late Spring</td>
</tr>
<tr>
<td><strong>Kirigami Series</strong></td>
<td>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.</td>
<td>4-9</td>
<td>14 to 24 in. (36 to 61 cm)</td>
<td>12 to 20 in. (30 to 51 cm)</td>
<td>Early Spring-Late Spring</td>
</tr>
<tr>
<td>• Deep Blue &amp; White</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Light Blue &amp; White</td>
<td></td>
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</tr>
<tr>
<td>• Red &amp; White</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>• Rose &amp; Pink</td>
<td></td>
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</tr>
<tr>
<td>• Yellow</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Mix</td>
<td>May contain most or all colors in the series.</td>
<td>4-9</td>
<td>14 to 24 in. (36 to 61 cm)</td>
<td>12 to 20 in. (30 to 51 cm)</td>
<td>Early Spring-Late Spring</td>
</tr>
<tr>
<td><strong>Aquilegia vulgaris</strong></td>
<td></td>
<td>3-8</td>
<td>12 to 14 in. (30 to 36 cm)</td>
<td>12 to 14 in. (30 to 36 cm)</td>
<td>Late Spring-Summer</td>
</tr>
<tr>
<td><strong>Winky Double Series</strong></td>
<td><strong>A Keif Seed™ Perennial.</strong></td>
<td>3-8</td>
<td>12 to 14 in. (30 to 36 cm)</td>
<td>12 to 14 in. (30 to 36 cm)</td>
<td>Late Spring-Summer</td>
</tr>
<tr>
<td>• Dark Blue-White</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Red-White</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>• Rose-White</td>
<td></td>
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<td></td>
</tr>
<tr>
<td><strong>Winky Series</strong></td>
<td><strong>A Keif Seed™ Perennial.</strong></td>
<td>3-8</td>
<td>12 to 14 in. (30 to 36 cm)</td>
<td>12 to 14 in. (30 to 36 cm)</td>
<td>Late Spring-Summer</td>
</tr>
<tr>
<td>• Blue-White</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>• Early Sky Blue</td>
<td></td>
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<tr>
<td>• Pink</td>
<td></td>
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<tr>
<td>• Purple-White</td>
<td></td>
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<tr>
<td>• Red-White</td>
<td></td>
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</tr>
<tr>
<td>• Rose-Rose</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquilegia x hybrida</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-Summer</td>
</tr>
<tr>
<td><strong>Earlybird™ F, Series</strong></td>
<td><strong>A Keif Seed™ Perennial.</strong></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-Summer</td>
</tr>
<tr>
<td>• Blue White</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>• Purple Blue</td>
<td></td>
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<tr>
<td>• Purple White</td>
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<tr>
<td>• Purple Yellow</td>
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<tr>
<td>• Red White</td>
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<tr>
<td>• Red Yellow</td>
<td></td>
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<td></td>
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<tr>
<td>• White</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>• Rose Ivory</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>• Mix</td>
<td>May contain most or all colors in the series.</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-Summer</td>
</tr>
<tr>
<td><strong>McKana's Giant Mix</strong></td>
<td>Bicolor blooms include cream, red, rose, yellow and white.</td>
<td>3-9</td>
<td>20 to 30 in. (51 to 76 cm)</td>
<td>12 to 16 in. (30 to 41 cm)</td>
<td>Late Spring-Summer</td>
</tr>
<tr>
<td><strong>New Spring Magic</strong></td>
<td>Available as Ball Premier Line® seed.</td>
<td>3-8</td>
<td>14 in. (36 cm)</td>
<td>10 to 12 in. (25 to 30 cm)</td>
<td>Early Spring</td>
</tr>
<tr>
<td>• Blue White</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>• Navy White</td>
<td></td>
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<td></td>
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<td></td>
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<tr>
<td>• Pink White</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>• Rose Ivory</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>• Rose White</td>
<td></td>
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<tr>
<td>• White</td>
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</tr>
<tr>
<td>• Mix</td>
<td>May contain most or all colors in the series.</td>
<td>3-9</td>
<td>20 to 30 in. (51 to 76 cm)</td>
<td>12 to 16 in. (30 to 41 cm)</td>
<td>Late Spring-Summer</td>
</tr>
<tr>
<td><strong>Swan F, Series</strong></td>
<td><strong>A Keif Seed™ Perennial.</strong></td>
<td>3-9</td>
<td>20 to 20 in. (51 to 61 cm)</td>
<td>12 to 14 in. (30 to 36 cm)</td>
<td>Spring-Summer</td>
</tr>
<tr>
<td>• Blue And White</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Burgundy And White</td>
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<td></td>
</tr>
<tr>
<td>• Lavender</td>
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<td></td>
</tr>
<tr>
<td>• Pink And Yellow</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>• Red And White</td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Violet And White</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>• Yellow</td>
<td></td>
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</tr>
<tr>
<td>• Mix</td>
<td>May contain most or all colors in the series.</td>
<td>3-9</td>
<td>20 to 20 in. (51 to 61 cm)</td>
<td>12 to 14 in. (30 to 36 cm)</td>
<td>Spring-Summer</td>
</tr>
<tr>
<td>Class/Variety</td>
<td>First Year Flower</td>
<td>USDA Hardiness Zones</td>
<td>Height Spread</td>
<td>Bloom Time</td>
<td></td>
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<tr>
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</tr>
<tr>
<td><strong>ARABIS (ROCK CRESS)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arabis caucasica</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Catwalk White</strong></td>
<td>✓</td>
<td>3-7</td>
<td>6 to 12 in. (15 to 30 cm)</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>Available as Ball Premier Line® seed. Uniform, compact, globe-shaped habit. No vernalization required. Great addition to Spring programs; grow with pansies and bellis. Versatile for 1-qt. or 1-gal. programs.</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>Little Treasure Series</strong></td>
<td></td>
<td>3-7</td>
<td>4 to 8 in. (10 to 20 cm)</td>
<td>Early Spring</td>
<td></td>
</tr>
<tr>
<td>Uniform in habit and flower timing throughout the series, with stable, intense color for early-Spring shipping. Fall-planted perennial requires vernalization. Compact habit for quarts and gallons.</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>• Deep Rose • New White</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ARENARIA (SANDWORT)</strong></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Arenaria montana</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>New Blizzard Compact</strong></td>
<td>✓</td>
<td>3-7</td>
<td>4 to 8 in. (10 to 20 cm)</td>
<td>Early Spring</td>
<td></td>
</tr>
<tr>
<td>Vibrant single white blooms with dense branching create clouds of color. Perfect for small pots and early-Spring programs.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>ARMERIA (THRIFT, SEA PINKS)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Armeria maritima</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td><strong>Morning Star Series</strong></td>
<td>✓</td>
<td>4-8</td>
<td>6 in. (15 cm)</td>
<td>6 to 7 in. (15 to 18 cm)</td>
<td>Early Spring-Late Spring</td>
</tr>
<tr>
<td>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></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Deep Rose • White</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ASCLEPIAS (MILKWEED, BUTTERFLY WEED)</strong></td>
<td>Also see Annuals and Cut Flowers.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Asclepias tuberosa</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Ballerina Series</strong></td>
<td>✓</td>
<td>7-9</td>
<td>8 to 10 in. (20 to 25 cm)</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>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.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Lilac • Red • White</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td><strong>ASTILBE</strong></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Astilbe arendsii</td>
<td></td>
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<td></td>
</tr>
<tr>
<td><strong>New Rhapsody</strong></td>
<td></td>
<td>4-9</td>
<td>30 to 34 in. (76 to 86 cm)</td>
<td>Early Spring</td>
<td></td>
</tr>
<tr>
<td>Perfect for 1 to 2-gal. production. Long slender plumes in intense shades of red, pink, carmine and cream top this premium seed item for shade.</td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>
### Aubrieta

**Class/Variety**
- Aubrieta hybrida
- Aubrey F1 Series

**First Year Flower**
- Large flowers on compact, uniform plants produce a good display of color and have a long shelf life.

**USDA Hardiness Zones**
- 4-9

**Height Spread Bloom Time**
- 6 to 8 in. (15 to 20 cm) 15 to 20 in. (38 to 51 cm) Early Spring-Spring

- Blue Shades • New Light Blue • Purple Shades • Sky Blue

### Aurinia

**Class/Variety**
- Aurinia saxatile
- Gold Rush
- New Summit

**First Year Flower**
- Shorter-stemmed Aurinia features a more uniform plant habit and earlier flowering than the competition. Evergreen early-Spring flowering perennial forms neat rosettes.

**USDA Hardiness Zones**
- 3-9a

**Height Spread Bloom Time**
- 5 to 8 in. (13 to 20 cm) 5 to 8 in. (13 to 20 cm) Early Spring-Spring

**Uses:** Gardens, landscapes

### Bellis (English Daisy)

**Class/Variety**
- Bellis perennis
- Bellissima™ Series
- Habanera Mix
- Speedstar Plus Series
- Tasso Series

**First Year Flower**
- Excellent landscape performers in cool climates.

**USDA Hardiness Zones**
- 4-7

**Height Spread Bloom Time**
- 6 to 10 in. (15 to 25 cm) 5 to 8 in. (13 to 20 cm) Early Spring-Spring

**Uses:** Gardens, landscapes

### Bergenia

**Class/Variety**
- Bergenia cordifolia
- Shoeshine Rose

**First Year Flower**
- Vibrant rose flowers top mound, 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.

**USDA Hardiness Zones**
- 4-9

**Height Spread Bloom Time**
- 8 to 12 in. (20 to 30 cm) 10 to 12 in. (25 to 30 cm) Early Spring
### Campanula (Bellflower, Carpathian Harebells)

Also see Annuals and Cut Flowers.

#### Campanula carpatica

**Clips F. Series Available as Ball Premier Line® seed.**

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.

- **Blue • Deep Blue • White**

<table>
<thead>
<tr>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 to 8 in. (15 to 20 cm)</td>
<td>6 to 8 in. (15 to 20 cm)</td>
<td>Summer-Fall</td>
</tr>
</tbody>
</table>

#### Pearl F. Series Available as Ball Premier Line® seed.

Compact, globe-shaped plants flower up to 3 weeks before other C. carpatica varieties. Also useful as an indoor lifestyle plant.

- **Deep Blue • White**

<table>
<thead>
<tr>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 to 8 in. (15 to 20 cm)</td>
<td>12 to 18 in. (30 to 46 cm)</td>
<td>Late Spring-Late Summer</td>
</tr>
</tbody>
</table>

#### Pristar F. Series Earliest-flowering C. carpatica series on the market produces lots of extra-large flowers on rounded, uniform, mid-vigor plants.

- **Deep Blue • White**

<table>
<thead>
<tr>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 to 12 in. (20 to 30 cm)</td>
<td>6 to 10 in. (15 to 25 cm)</td>
<td>Summer-Late Summer</td>
</tr>
</tbody>
</table>

#### Rapido Series A Kieft Seed™ Perennial. Available as Ball Premier Line® seed.

Earliest C. carpatica – up to 4 weeks earlier than other varieties. Delivers good young plant and finished plant vigor, while maintaining compact habit. Showy Spring perennial is ideal for high-volume bench-run pot plant programs for 4-in. (10-cm) pots or gallons. Suted to patio planters and gardens, as well as indoor novelty pot plant.

- **Blue • White**

<table>
<thead>
<tr>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-7 in. (13-18 cm)</td>
<td>5-8 in. (13-20 cm)</td>
<td>Spring-Summer</td>
</tr>
</tbody>
</table>

#### Swinging Bells F. Series 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**

<table>
<thead>
<tr>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 to 12 in. (20 to 30 cm)</td>
<td>4 to 8 in. (10 to 20 cm)</td>
<td>Summer-Fall</td>
</tr>
</tbody>
</table>

#### Takion Series 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.

- **Blue • White**

<table>
<thead>
<tr>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 to 20 in. (41 to 51 cm)</td>
<td>12 to 16 in. (30 to 41 cm)</td>
<td>Late Spring-Summer</td>
</tr>
</tbody>
</table>

### Campanula persicifolia

**Takion Series 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.

- **Blue • White**

<table>
<thead>
<tr>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 to 20 in. (41 to 51 cm)</td>
<td>12 to 16 in. (30 to 41 cm)</td>
<td>Late Spring-Summer</td>
</tr>
</tbody>
</table>

### Campanula portenschlagiana

**Clockwise F. Series** 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.

- **Compact Deep Blue • New Compact White Blush**

<table>
<thead>
<tr>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 to 12 in. (20 to 30 cm)</td>
<td>4 to 8 in. (10 to 20 cm)</td>
<td>Summer-Late Summer</td>
</tr>
</tbody>
</table>

### Carex

See Grasses.

### Carnation (Carnation)

See Annuals.
<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>CENTAUREA (BACHELOR BUTTON)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Centaurea montana</td>
<td></td>
<td>3-9</td>
<td>18 to 24 in. (46 to 61 cm)</td>
<td>12 to 18 in. (30 to 46 cm)</td>
<td>Summer</td>
</tr>
<tr>
<td><strong>Blue</strong></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Coreopsis Double the Sun</strong></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Coreopsis Double the Sun F&lt;sub&gt;1&lt;/sub&gt;</td>
<td></td>
<td>5-9</td>
<td>12 to 16 in. (30 to 41 cm)</td>
<td>12 to 14 in. (30 to 36 cm)</td>
<td>Late Spring-Late Summer</td>
</tr>
<tr>
<td><strong>Coreopsis Early Sunrise</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coreopsis Early Sunrise A Kieft Seed™ Perennial. Available as Ball Premier Line® seed. Compact and upright with golden yellow, semi-double blooms. Fits into annual production schedules well. All-America Selections Winner.</td>
<td>4-9</td>
<td>24 in. (61 cm)</td>
<td>22 to 24 in. (56 to 61 cm)</td>
<td>Mid-Spring-Summer</td>
<td></td>
</tr>
<tr>
<td><strong>Coreopsis Sunfire</strong></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>Coreopsis Sunfire A Kieft Seed™ Perennial. Available as Ball Premier Line® seed. Single, yellow flowers have a burgundy-red center. Well-matched to Rising Sun for habit, timing.</td>
<td>4-9</td>
<td>24 in. (61 cm)</td>
<td>22 to 24 in. (56 to 61 cm) after over-wintering</td>
<td>Mid-Spring-Summer</td>
<td></td>
</tr>
<tr>
<td><strong>Coreopsis SunKiss</strong></td>
<td></td>
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</tr>
<tr>
<td>Coreopsis SunKiss A Kieft Seed™ Perennial. Available as Ball Premier Line® seed. 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.</td>
<td>4-9</td>
<td>12 to 14 in. (30 to 36 cm)</td>
<td>14 to 16 in. (36 to 41 cm)</td>
<td>Late Spring-Late Summer</td>
<td></td>
</tr>
</tbody>
</table>

**CHrysanthemum** See Leucanthemum. Also see Annuals (Chrysanthemum).

**CORYNEPHORUS** See Grasses.
DELPHINIUM (LARKSPUR) Also see Cut Flowers (Delphinium & Larkspur).

Uses: Gardens, cut flower

Class/Variety First Year Flower USDA Hardiness Zones Height Spread Bloom Time

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>Delphinium elatum</td>
<td>✓</td>
<td>4-7</td>
<td>42 in. (107 cm)</td>
<td>10 to 12 in. (25 to 30 cm)</td>
<td>Summer</td>
</tr>
<tr>
<td>Casablanca</td>
<td>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>4-8</td>
<td>28-34 in. (71-86 cm)</td>
<td>10-12 in. (25-30 cm)</td>
</tr>
<tr>
<td>Dasante Blue F₁</td>
<td>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.</td>
<td>✓</td>
<td>4-8</td>
<td>14 to 18 in. (36 to 46 cm)</td>
<td>6 to 10 in. (15 to 25 cm)</td>
</tr>
<tr>
<td>Delphina Series</td>
<td>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.</td>
<td>✓</td>
<td>4-8</td>
<td>16 to 22 in. (41 to 56 cm)</td>
<td>6 to 10 in. (15 to 25 cm)</td>
</tr>
<tr>
<td>New Excalibur</td>
<td>Uniform, well-branched plant habit with sturdy flower stems. Good mix of vibrant colors. Suited for larger pot sizes.</td>
<td>✓</td>
<td>4-7</td>
<td>30 to 39 in. (76 to 99 cm)</td>
<td>10 to 12 in. (25 to 30 cm)</td>
</tr>
<tr>
<td>Guardian F₁ Series</td>
<td>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.</td>
<td>✓</td>
<td>3-8</td>
<td>30 to 36 in. (76 to 91 cm)</td>
<td>18 to 24 in. (46 to 61 cm)</td>
</tr>
<tr>
<td>Magic Fountains Series</td>
<td>Sturdy, compact plants.</td>
<td>✓</td>
<td>3-8</td>
<td>54 to 72 in. (137 to 183 cm)</td>
<td>10 to 12 in. (25 to 30 cm)</td>
</tr>
<tr>
<td>Pacific Giants Series</td>
<td>Large, semi-double blooms. All have white bees, except Blue Jay, Black Knight and Percival, which have black bees.</td>
<td>✓</td>
<td>3-8</td>
<td>30 to 36 in. (76 to 91 cm)</td>
<td>18 to 24 in. (46 to 61 cm)</td>
</tr>
</tbody>
</table>

DELPHINIUM Casablanca

DELPHINIUM Delphina

DELPHINIUM Guardian

DELPHINIUM Pacific Giants

DELPHINIUM Magic Fountains

DELPHINIUM New Excalibur

DELPHINIUM Pacific Giants King Arthur

DELPHINIUM Magic Fountains 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>
</tr>
</thead>
<tbody>
<tr>
<td>Delphinium grandiflorum</td>
<td>✓</td>
<td>3-8</td>
<td>20 in. (51 cm)</td>
<td>16 in. (41 cm)</td>
<td>Summer-Late Summer</td>
</tr>
<tr>
<td>Blue Mirror</td>
<td>Deeper electric blue flowers on tall, strong stems.</td>
<td>✓</td>
<td>3-8</td>
<td>16 in. (41 cm)</td>
<td>Summer-Late Summer</td>
</tr>
<tr>
<td>Butterfly Blue</td>
<td>Rich blue flowers on broad flower spikes.</td>
<td>✓</td>
<td>5-9</td>
<td>12 to 15 in. (30 to 38 cm)</td>
<td>Summer-Late Summer</td>
</tr>
<tr>
<td>New Delfix</td>
<td>Compact, well-branched variety quickly fills in quart and gallon containers.</td>
<td>✓</td>
<td>4-9</td>
<td>16 to 24 in. (41 to 61 cm)</td>
<td>Early Spring-Spring</td>
</tr>
<tr>
<td>Summer F 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>✓</td>
<td>3-8</td>
<td>12 in. (30 cm)</td>
<td>Spring-Summer</td>
</tr>
<tr>
<td>Delphinium x belladonna</td>
<td>Light blue flowers.</td>
<td>✓</td>
<td>3-8</td>
<td>30 to 36 in. (76 to 91 cm)</td>
<td>Early Spring-Spring</td>
</tr>
<tr>
<td>Belladonna</td>
<td>Light blue flowers. Good companion to Belladonna.</td>
<td>✓</td>
<td>3-8</td>
<td>36 to 48 in. (91 to 122 cm)</td>
<td>Summer-Fall</td>
</tr>
<tr>
<td>Bellamosum</td>
<td>Deep blue flowers. Good companion to Belladonna.</td>
<td>✓</td>
<td>3-8</td>
<td>36 to 48 in. (91 to 122 cm)</td>
<td>Summer-Fall</td>
</tr>
<tr>
<td>Blue Donna A Kieft Seed™ Perennial.</td>
<td>Great for producing deep blue flowers during the warmer periods of growing.</td>
<td>✓</td>
<td>5-9</td>
<td>32 to 40 in. (81 to 102 cm)</td>
<td>Late Spring-Late Summer</td>
</tr>
</tbody>
</table>

**DIANTHUS (MAIDEN PINKS, SWEET WILLIAM)** Also see Annuals and Cut Flowers.

Uses: Gardens, landscapes, mixed containers

**Dianthus gratianopolitanus**

**Rosequartz** Available as Ball Premier Line® seed. First-year-flowering without vernalization. Perfect for premium 2.5-qt. or 1-gal. programs. Sweet scent.

**Dianthus x barbatus** interspecific Single-Flowered Type

**New Barbarini Mix** Compact, branching habit. Fully Winter hardy. Can be programmed to flower from April to September. Versatile series fits into annual or perennial programs for Spring or Fall.

**Rockin™ F Series A Kieft Seed™ Perennial. 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. **Pink Magic • Purple • Red • Rose**
### DIGITALIS (COMMON FOXGLOVE)

**Uses:** Gardens, landscapes, large containers, 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><strong>Digitalis hybrida</strong> <strong>Panther Available as Ball Premier Line® seed.</strong></td>
<td>✓</td>
<td>5</td>
<td>18 to 22 in. (46 to 56 cm)</td>
<td>7 to 8 in. (18 to 20 cm)</td>
<td>Late Spring-Winter</td>
</tr>
<tr>
<td><strong>Digitalis purpurea</strong> <strong>Camelot Series Available as Ball Premier Line® seed.</strong></td>
<td>✓</td>
<td>4-9</td>
<td>42 to 48 in. (107 to 122 cm)</td>
<td>15 to 24 in. (38 to 61 cm)</td>
<td>Summer</td>
</tr>
<tr>
<td><strong>Digitalis purpurea</strong> <strong>Dalmatian F1 Series A Kieft Seed™ Perennial.</strong></td>
<td>✓</td>
<td>5-9</td>
<td>16 to 20 in. (41 to 51 cm)</td>
<td>12 to 14 in. (30 to 36 cm)</td>
<td>Late Spring-Summer</td>
</tr>
<tr>
<td><strong>Echinacea purpurea Mix</strong></td>
<td>4-10</td>
<td>24 to 36 in. (61 to 91 cm)</td>
<td>14 to 20 in. (36 to 51 cm)</td>
<td>Summer</td>
<td></td>
</tr>
</tbody>
</table>

### DORONICUM (LEOPARD’S BANE)

<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>Doronicum orientale</strong> <strong>Leonardo Compact</strong> 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.</td>
<td>4-7</td>
<td>10 to 12 in. (25 to 30 cm)</td>
<td>3 to 5 in. (8 to 13 cm)</td>
<td>Early Spring</td>
<td></td>
</tr>
<tr>
<td><strong>Doronicum caucasicum</strong> <strong>Little Leo</strong> 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.</td>
<td>4-7</td>
<td>10 in. (25 cm)</td>
<td>10 to 12 in. (25 to 30 cm)</td>
<td>Early Spring-Late Spring</td>
<td></td>
</tr>
</tbody>
</table>

### ECHINACEA (CONEFLOWER)

**Uses:** Gardens, landscapes, 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><strong>Echinacea purpurea</strong> <strong>Feeling Series Easy-to-grow plants put on an impressive show with early, abundant blooms. Compact habit is ideal for borders and perennial beds.</strong></td>
<td>✓</td>
<td>4-9</td>
<td>16 to 20 in. (41 to 51 cm)</td>
<td>16 in. (41 cm)</td>
<td>Summer-Fall</td>
</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.

**New Pollination Series Available as Ball Premier Line® seed.** Very early flowering. Large flowers with striking colors. Well-branched habit. Excellent heat and drought tolerance.
- **Magenta Apex**
- **Orange-Red Apex**
- **White Apex**
- **Yellow Apex**
- **Mix Apex** May contain most or all colors in the series.

**PowWow® Series** A Kieft Seed™ Perennial. Available as Ball Premier Line® seed. 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. Height is 16 to 20 in. (40 to 51 cm) the first year and 30 in. (76 cm) the second year.
- **White**
- **Wild Berry** Unique intense rose flowers with dark rose center. Produces up to 2% taller plants. All-America Selections Winner.

**Prairie Splendor Series** Full, well-branched plants are earlier flowering.
- **New Compact Dark Rose** Height: 14 to 16 in. (36 to 41 cm)
- **Compact Rose** Height: 14 to 16 in. (36 to 40 cm), Light rose blooms. **Compact White** Height: 14 to 18 in. (35 to 45 cm).
- **Deep Rose** Height: 22 to 24 in. (56 to 62 cm)

**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 Apex** Copper-orange center.
- **White Apex** Dark center.

**Artisan™ F1 Collection**

**Cheyenne Spirit** A Kieft Seed™ Perennial. Available as Ball Premier Line® seed. The first F1 hybrid Echinacea individual color collection from seed! Features uniform flowering, so all plants are ready to sell at the same time.
- **Red Ombre**
- **Soft Orange**
- **New Yellow Ombre**

---

<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>Magnus</td>
<td>4-9</td>
<td>4-9</td>
<td>36 in. (91 cm)</td>
<td>18 to 24 in. (46 to 61 cm)</td>
<td>Summer-Fall</td>
</tr>
<tr>
<td><strong>New Pollination Series</strong></td>
<td>4-9</td>
<td>4-9</td>
<td>24 to 28 in. (61 to 71 cm)</td>
<td>16 to 20 in. (41 to 51 cm)</td>
<td>Summer-Fall</td>
</tr>
<tr>
<td><strong>PowWow® Series</strong></td>
<td>✓</td>
<td>4-10</td>
<td>16 to 20 in. (41 to 51 cm)</td>
<td>12 to 16 in. (30 to 41 cm)</td>
<td>Late Spring-Fall</td>
</tr>
<tr>
<td><strong>Prairie Splendor Series</strong></td>
<td>✓</td>
<td>3-9</td>
<td>14 to 24 in. (36 to 61 cm)</td>
<td>6 to 8 in. (15 to 20 cm)</td>
<td>Late Spring-Late Summer</td>
</tr>
<tr>
<td><strong>Primadonna Series</strong></td>
<td>✓</td>
<td>3-9</td>
<td>24 to 36 in. (61 to 91 cm)</td>
<td>18 to 24 in. (46 to 61 cm)</td>
<td>Summer-Fall</td>
</tr>
<tr>
<td><strong>Artisan™ F1 Collection</strong></td>
<td>✓</td>
<td>4-10</td>
<td>24 to 34 in. (61 to 86 cm)</td>
<td>10 to 25 in. (26 to 64 cm)</td>
<td>Late Spring-Winter</td>
</tr>
<tr>
<td><strong>Cheyenne Spirit</strong></td>
<td>✓</td>
<td>4-10</td>
<td>First year: 18 to 24 in. (46 to 61 cm)</td>
<td>Second year: 22 to 30 in. (56 to 76 cm)</td>
<td>Late Spring-Fall</td>
</tr>
</tbody>
</table>
## ERYNGIUM (FLAT SEA HOLLY)

*Also see Cut Flowers.*

**ERYNGIUM planum**

- **Blue Hobbit**
  - Round, blue flowers top silver-blue stems over basal rosettes of dark green leaves. The first-ever genetically compact Eryngium.
  - ✓
  - 4-8
  - 12 in. (30 cm)
  - 8 in. (20 cm)
  - Spring-Summer

- **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.
  - ✓
  - 4-8
  - 36 to 40 in. (91 cm to 1.1 m)
  - 15 in. (38 cm)
  - Spring-Summer

## ERYSIMUM (WALLFLOWER)

*ERYSIMUM hybridum*  

- **New Canaries Yellow**
  - Wonderful for mixed borders, all containers and rock gardens.
  - 5-9
  - 10 to 12 in. (25 to 30 cm)
  - 8 to 12 in. (20 to 30 cm)
  - Spring-Fall

## FESTUCA

*See Grasses*

## GAILLARDIA (BLANKET FLOWER)

*Uses: Gardens, containers*

**Gaillardia x grandiflora, Gaillardia aristata x Gaillardia pulchella**

- **Arizona Series**
  - Early-blooming, bright green-leaved plants have a very uniform, compact and mounded habit. Excellent performers under a wide range of conditions.
  - ✓
  - 3-9
  - 12 in. (30 cm)
  - 18 to 24 in. (46 to 61 cm)
  - Summer-Winter

- **Mesa™ F. 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, vigorous, well-branched plants. Very drought tolerant once established.
  - ✓
  - 5-10
  - 14 to 16 in. (36 to 41 cm)
  - 20 to 22 in. (51 to 56 cm)
  - Early Spring-Spring

## GAURA

*Gaura lindheimeri*  

- **Sparkle White** *A Kieft Seed™ Perennial.*
  - Early to bloom and fast to finish! Easy-to-grow, “no-pincher” 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 Winner.
  - ✓
  - 5-9
  - 12 to 24 in. (30 to 61 cm)
  - 12 to 20 in. (30 to 51 cm)
  - Spring-Late Summer
<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>GEUM (AVENS, GRECIAN ROSE)</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Geum chiloense</td>
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</tr>
<tr>
<td>Mrs. Bradshaw 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-Summer</td>
<td></td>
</tr>
<tr>
<td>Geum coccineum</td>
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<td></td>
</tr>
<tr>
<td>Koi Apex Great for early-Spring sales. Bright orange blooms stand out over a compact mound of glossy green foliage.</td>
<td>✓ 5-7</td>
<td>8 in. (20 cm)</td>
<td>8 in. (20 cm)</td>
<td>Late Spring</td>
<td></td>
</tr>
<tr>
<td>GRASSES See pages 131 to 135.</td>
<td></td>
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<tr>
<td>GYPSOPHILA (BABY'S BREATH)</td>
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<td></td>
<td></td>
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<tr>
<td>Gypsophila cerasioides</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Pixie Splash A Kieft Seed™ Perennial.</td>
<td>✓ 4-7</td>
<td>3 to 5 in. (8 to 13 cm)</td>
<td>4 to 7 in. (10 to 18 cm)</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>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></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HELIOPSIS (OX EYE SUNFLOWER, HARDY ZINNIA)</td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td>Heliopsis helianthoides</td>
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</tr>
<tr>
<td>Summer Sun Tall, bushy plants have yellow blooms atop long, serrated, deep green leaves. Attracts butterflies.</td>
<td>✓ 3-9</td>
<td>36 to 72 in. (91 to 183 cm)</td>
<td>30 to 40 in. (76 to 102 cm)</td>
<td>Summer-Fall</td>
<td></td>
</tr>
<tr>
<td>HEUCHERA (CORAL BELLS, ALUMROOT)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Uses: Gardens, landscapes, containers</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heuchera americana</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>New Marvelous Marble Silver Excellent vigor for great pot and garden performance. Purple leaf color changes to green with dark veins as temperatures increase.</td>
<td>3-9</td>
<td>8 to 12 in. (20 to 30 cm)</td>
<td>4 to 8 in. (10 to 20 cm)</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>Heuchera micrantha</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Palace Purple A Kieft Seed™ Perennial.</td>
<td>✓ 4-8</td>
<td>10 to 20 in. (25 to 51 cm)</td>
<td>14 to 16 in. (36 to 41 cm)</td>
<td>Summer-Late Summer</td>
<td></td>
</tr>
<tr>
<td>Large, maple-shaped leaves are rich purple-bronze on top, pinkish-purple underneath; leaves turn bronze-green in high heat conditions. Creamy white flowers. Foliage height is 10 in. (25 cm), and flower height is 20 in. (51 cm).</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heuchera sanguinea</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Coral Forest Spikes of clear red flowers above deep green foliage form early in the season. Shorter flower stems make a neater pot appearance.</td>
<td>3-9</td>
<td>6 to 10 in. (16 to 25 cm)</td>
<td>4 to 8 in. (10 to 20 cm)</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>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 to 12 in. (25 to 30 cm)</td>
<td>Early Spring-Late Summer</td>
<td></td>
</tr>
</tbody>
</table>
**HEUCHERA 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>Heuchera x hybrida 🍃</td>
<td>4-8</td>
<td>8 to 18 in. (20 to 46 cm)</td>
<td>12 to 14 in. (30 to 36 cm)</td>
<td>Early Spring-Spring</td>
<td></td>
</tr>
<tr>
<td><strong>Melting Fire</strong> 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. Foliage height is 8 in. (20 cm), while flower height is 18 in. (46 cm).</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**HIBISCUS (ROSE MALLOW) Also see Annuals.**

Uses: Gardens, large containers, low flowering hedge

<table>
<thead>
<tr>
<th>Hibiscus moscheutos 🍃</th>
<th>Disco Belle Series 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.</th>
<th>✓</th>
<th>5-9</th>
<th>24 to 32 in. (61 to 81 cm)</th>
<th>20 in. (81 cm)</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Pink • Rosy Red • White • Mix May contain most or all colors in the series.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<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. • Deep Red • Light Rose • Rose • White with Eye • Mix May contain most or all colors in the series.</td>
<td>✓</td>
<td>5-9</td>
<td>24 to 32 in. (61 to 81 cm)</td>
<td>20 to 24 in. (51 to 61 cm)</td>
<td>Summer</td>
</tr>
<tr>
<td></td>
<td>• Deep Red • Light Rose • Rose • White with Eye • Mix May contain most or all colors in the series.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>**Luna™ F. Series 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 a good late-season sales extender. • Pink Swirl Dark eye; pink picotee pattern. • Red • Rose • White Large red eye. • Mix May contain most or all colors in the series.</td>
<td>✓</td>
<td>5-9</td>
<td>24 to 36 in. (61 to 91 cm)</td>
<td>24 in. (61 cm)</td>
<td>Summer-Late Summer</td>
</tr>
<tr>
<td></td>
<td>• Pink Swirl Dark eye; pink picotee pattern. • Red • Rose • White Large red eye. • Mix May contain most or all colors in the series.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**HOLLYHOCK** See Alcea. Also see Annuals (Alcea).

**IBERIS (EVERGREEN CANDYTUFT)**

*Iberis sempervirens 🍃

| New Tahoe Compact, well-branched plants with uniform flowering offer excellent performance in small pots. | 3-9 | 8 to 10 in. (20 to 25 cm) | 4 to 8 in. (10 to 20 cm) | Early Spring |
| Snow Flurries Available as Ball Premier Line® seed. Spring perennial. Vernalization is recommended. Large, white flowers. Likes sunny locations. | 3-9 | 12 in. (30 cm) | 9 in. (23 cm) |
| Whiteout F. 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. | 3-8 | 6 to 8 in. (15 to 20 cm) | 8 to 12 in. (20 to 30 cm) | Early Spring-Spring |

**JUNCUS** See Grasses.
**KNIPHOFIA (RED HOT POKER)**

Kniphofia uvaria (Tritoma)

**Flamenco Mix Available as Ball Premier Line® seed.**

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.

- **Height**: 32 in. (81 cm)
- **Spread**: 48 in. (122 cm)
- **Bloom Time**: Summer-Late Summer

**LAVANDULA (ENGLISH LAVENDER)**

**Uses:** Gardens, landscapes, low hedge; use fresh or dried for sachets and potpourri

**Lavandula angustifolia**

**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.

- **Height**: 10 to 12 in. (25 to 30 cm)
- **Spread**: 9 to 11 in. (23 to 28 cm)
- **Bloom Time**: Late Spring-Summer

**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.

- **Height**: 11 to 13 in. (28 to 33 cm)
- **Spread**: 9 to 11 in. (23 to 28 cm)
- **Bloom Time**: Late Spring-Summer

**Ellagance Series A Kieft Seed™ Perennial.** 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.

- **Height**: 12 to 14 in. (30 to 36 cm)
- **Spread**: 10 to 12 in. (25 to 30 cm)
- **Bloom Time**: Summer

**Hidcote Blue ApeX 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.

- **Height**: 12 to 18 in. (30 to 46 cm)
- **Spread**: 18 in. (46 cm)
- **Bloom Time**: Summer

**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.

- **Height**: 10 to 12 in. (25 to 30 cm)
- **Spread**: 10 to 12 in. (25 to 30 cm)
- **Bloom Time**: Late Spring-Late Summer

**Munstead**

Narrow and lacy, gray-green, scented foliage. Lavender-blue flowers.

- **Height**: 16 in. (41 cm)
- **Spread**: 20 to 30 in. (51 to 76 cm)
- **Bloom Time**: Summer

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
<table>
<thead>
<tr>
<th>Class/Variety</th>
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<th>USDA Hardiness Zones</th>
<th>Height</th>
<th>Spread</th>
<th>Bloom Time</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LAVANDULA continued</strong></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td><strong>New Scent Series Available as Ball Premier Line® seed.</strong></td>
<td>✓</td>
<td>5-9</td>
<td>12 to 16 in. (30 to 41 cm)</td>
<td>6 to 8 in. (15 to 20 cm)</td>
<td>Summer-Late Summer</td>
</tr>
<tr>
<td>Scented lavender with more consistent and earlier flowering. Bold spikes top silvery-green mounded plants with a vigorous branching habit. Easily programmable.</td>
<td></td>
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</tr>
<tr>
<td>• Blue Early • White Early • Blue &amp; White Early Mix</td>
<td></td>
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</tr>
<tr>
<td><strong>Vicenza Blue ApeX Available as Ball Premier Line® seed.</strong></td>
<td>✓</td>
<td>5-8</td>
<td>12 to 18 in. (30 to 46 cm)</td>
<td>8 to 10 in. (20 to 25 cm)</td>
<td>Summer</td>
</tr>
<tr>
<td>Compact, bushy variety has large, deep blue spikes above fragrant foliage. Heat and drought tolerant.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Spanish Eyes A Kieft Seed™ Perennial.</strong></td>
<td>✓</td>
<td>7-10</td>
<td>16 to 25 in. (41 to 64 cm)</td>
<td>20 to 30 in. (51 to 76 cm)</td>
<td>Summer-Late Summer</td>
</tr>
<tr>
<td>Bright blue, fragrant flowers and soft, fernleaf-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></td>
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<td></td>
</tr>
<tr>
<td><strong>Torch Series Available as Ball Premier Line® seed.</strong></td>
<td>✓</td>
<td>7-11</td>
<td>30 to 34 in. (76 to 86 cm)</td>
<td>24 in. (61 cm)</td>
<td>Summer</td>
</tr>
<tr>
<td>Fern-leaved 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></td>
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</tr>
<tr>
<td>• Blue • Minty Ice</td>
<td></td>
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</tr>
<tr>
<td><strong>Lavandula multifida</strong></td>
<td></td>
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<tr>
<td>**Lavandula stoechas (Spanish Lavender) **</td>
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</tr>
<tr>
<td><strong>Bandera Series A Kieft Seed™ Perennial. Available as Ball Premier Line® seed. A true breeding breakthrough!</strong></td>
<td>✓</td>
<td>7-10</td>
<td>7 to 9 in. (18 to 23 cm)</td>
<td>10 to 12 in. (25 to 30 cm)</td>
<td>Early Spring-Summer</td>
</tr>
<tr>
<td>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></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Deep Purple • Deep Rose • Pink • Purple</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Castillano 2.0 Series</strong> Very floriferous and fragrant pair is compact and uniform, making them useful in container programs. Mounded habit with medium vigor.</td>
<td></td>
<td>7-9</td>
<td>10 to 12 in. (25 to 30 cm)</td>
<td>6 to 8 in. (15 to 20 cm)</td>
<td>Spring</td>
</tr>
<tr>
<td>• Lilac • White • Rose</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>New Violeta Purple XL</strong> The first ever Spanish Lavender from seed with repeat flowering. Vigorous habits with large, high-quality flowers rival vegetative varieties.</td>
<td>✓</td>
<td>7-9</td>
<td>14 to 20 in. (36 to 51 cm)</td>
<td>12 to 16 in. (30 to 41 cm)</td>
<td>Early Spring-Fall</td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LEUCANTHEMUM (SHASTA DAISY) Also see Annuals (Chrysanthemum).</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uses: Gardens, landscapes</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Alaska</strong> Single, pure white flowers with yellow centers are 3 in. (8 cm) across, over dark green leaves.</td>
<td></td>
<td>5-8</td>
<td>24 to 36 in. (61 to 91 cm)</td>
<td>12 to 24 in. (30 to 61 cm)</td>
<td>Summer-Late Summer</td>
</tr>
<tr>
<td><strong>Crazy Daisy</strong> 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>
<td></td>
<td>4-8</td>
<td>24 to 28 in. (61 to 71 cm)</td>
<td>12 to 18 in. (30 to 46 cm)</td>
<td>Summer</td>
</tr>
</tbody>
</table>

**LEUCANTHEMUM x superbum, Chrysanthemum maximum**

**Alaska** Single, pure white flowers with yellow centers are 3 in. (8 cm) across, over dark green leaves.

**Crazy Daisy** 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.
Leucanthemum Madonna

Leucanthemum Snow Lady

Leucanthemum White Breeze

Liatris Purple

<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>Madonna F1</strong> A Kieft™ Perennial. Fleuroselect 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>3-9</td>
<td>8 to 10 in. (20 to 25 cm)</td>
<td>8 to 12 in. (20 to 30 cm)</td>
<td>Summer-Fall</td>
</tr>
<tr>
<td><strong>Snow Lady</strong> 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 Winner.</td>
<td>✓</td>
<td>5-8</td>
<td>12 to 15 in. (30 to 38 cm)</td>
<td>12 to 14 in. (30 to 36 cm)</td>
<td>Summer-Late Summer</td>
</tr>
<tr>
<td><strong>White Breeze</strong> Early-flowering, dwarf and compact plants produce pure white blooms with yellow centers.</td>
<td>✓</td>
<td>3-8</td>
<td>10 to 12 in. (25 to 30 cm)</td>
<td>12 to 16 in. (30 to 41 cm)</td>
<td>Late Spring-Summer</td>
</tr>
<tr>
<td><strong>LEWISIA</strong> Lewisia cotyledon</td>
<td>✓</td>
<td>3-8</td>
<td>5 to 6 in. (13 to 15 cm)</td>
<td>6 to 8 in. (15 to 20 cm)</td>
<td>Spring</td>
</tr>
</tbody>
</table>
| **Elise Series** Available as Ball Premier Line® seed. Sturdy plants with fleshy, succulent leaves. Very floriferous; heat and drought tolerant. Great in patio planters and rock gardens.  
  • Ruby Red • Golden Yellow • Ultra Violet • White  
  • Mix Pink, rose, salmon, white, yellow, orange, soft purple and bicolors. | ✓ | 3-8 | 5 to 6 in. (13 to 15 cm) | 6 to 8 in. (15 to 20 cm) | Spring |
| **LIATRIS** Liatris spicata | ✓ | 2-10 | 24 to 48 in. (61 to 122 cm) | 12 to 24 in. (30 to 61 cm) | Late Summer-Fall |

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>LOBELIA (CARDINAL FLOWER)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Uses:</strong> Gardens, landscapes, containers</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>LObelia x speciosa</td>
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</tr>
<tr>
<td><strong>Fan Series Available as Ball Premier Line® seed.</strong> 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>
<td>6-9</td>
<td>20 to 28 in. (51 to 71 cm)</td>
<td>14 to 18 in. (36 to 46 cm)</td>
<td>Summer-Fall</td>
</tr>
<tr>
<td>• Burgundy • Scarlet</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td><strong>Starship™ F. Series A Kieft Seed™ Perennial. Available as Ball Premier Line® seed.</strong> 1 to 2 weeks earlier to flower/finish. 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>
<td>6-10</td>
<td>20 to 24 in. (51 to 61 cm)</td>
<td>6 to 8 in. (15 to 20 cm)</td>
<td>Summer-Fall</td>
</tr>
<tr>
<td>• Blue • Burgundy • Rose • Scarlet • Scarlet Bronze Leaf</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LUPINUS (LUPIN)</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Lupinus polyphyllus</td>
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</tr>
<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.</td>
<td>✓</td>
<td>4-8</td>
<td>18 to 24 in. (46 to 61 cm)</td>
<td>15 to 18 in. (38 to 46 cm)</td>
<td>Spring</td>
</tr>
<tr>
<td>• 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>
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</tr>
<tr>
<td><strong>Mini Gallery Series</strong> A Ball Ingenuity™ product, available exclusively through Ball Seed®. Each “mini” 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 for use as a low bedding plant, or for containers and window boxes.</td>
<td>4-8</td>
<td>12 to 18 in. (30 to 46 cm)</td>
<td>16 to 18 in. (41 to 46 cm)</td>
<td>Summer-Fall</td>
<td></td>
</tr>
<tr>
<td>• Blue • Blue Bicolor • Pink • Pink Bicolor • Red • White • Yellow • Mix May contain most or all colors in the series.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Russell Mix</strong> Dense, 12 to 15-in. (30 to 38-cm) spikes produce eight colors including pink, red, yellow and blue.</td>
<td>4-7</td>
<td>36 to 60 in. (91 to 152 cm)</td>
<td>18 in. (46 cm)</td>
<td>Late Spring-Summer</td>
<td></td>
</tr>
<tr>
<td>LUZULA See Grasses.</td>
<td></td>
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</tr>
<tr>
<td>MElineS See Grasses.</td>
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<td></td>
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<tr>
<td>MElissa (HERB MElissa)</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melissa didyma</td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Mandarina Orange Balm</strong> 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.</td>
<td>4-9</td>
<td>10 to 12 in. (25 to 30 cm)</td>
<td>36 in. (91 cm)</td>
<td>Summer</td>
<td></td>
</tr>
</tbody>
</table>
### MERTENSIA

*Mertensia maritima* **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.

<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>2-8</td>
<td>8 to 16 in. (20 to 41 cm)</td>
<td>12 to 16 in. (30 to 41 cm)</td>
<td>Summer-Fall</td>
<td></td>
</tr>
</tbody>
</table>

### MILIUM

See Grasses.

### MONARDA (BEE BALM)

*Monarda didyma* **Panorama Red**

This herbaceous perennial attracts hummingbirds and butterflies. Provides color and contrast in borders or gardens. Effective in endcap displays. Lasts until Fall in milder climates.

<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>4-9</td>
<td>35 in. (89 cm)</td>
<td>16 to 18 in. (41 to 46 cm)</td>
<td>Late Spring-Late Summer</td>
<td></td>
</tr>
</tbody>
</table>

### MUHLENBERGIA

See Grasses.

### MYOSOTIS (FORGET-ME-NOT) Also see Annuals.

*Myosotis sylvatica* **Bluesylva**


<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>3-8</td>
<td>8 in. (20 cm)</td>
<td>6 to 8 in. (15 to 20 cm)</td>
<td>Early Spring-Summer</td>
<td></td>
</tr>
</tbody>
</table>

*Compindi* Compact, ball-shaped plants have intense blue flowers. Suited to gardens and landscapes.

<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>5-8</td>
<td>6 in. (15 cm)</td>
<td>8 to 10 in. (20 to 25 cm)</td>
<td>Spring</td>
<td></td>
</tr>
</tbody>
</table>

**Mon Amie Series** *A Kieft Seed™ Perennial*. Ready to ship and sell 3 to 6 months earlier than biennial 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.
- **Blue** • **Pink**
- **Mix** May contain most or all colors in the series.

**NEPETA** See Vegetables (Perennial Herbs – Catnip).
**Class/Variety**

| **ORNAMENTAL OREGANO** Also see Annuals. |
| ------------- |:-------------:|:-------------:|:-------------:|:-------------:|
| **KIRIGAMI** A Kieft Seed™ Perennial. | **First Flower** | **USDA Hardiness Zones** | **Height** | **Spread** | **Bloom Time** |
| **Origanum x hybrida Kirigami** | | | | | |
| | | | | | |
| **PAPAVER** Also see Annuals (Poppy). |
| | | | | | |
| **NEW Garden Gnome** Produces tall stems of fragrant, cup-shaped flowers with unusual, papery-looking petals. | | | | | |
| | | | | | |
| **PENSTEMON (BEARDED TONGUE)** Also see Annuals. | | | | | |
| | | | | | |
| **PEROVSKIA (RUSSIAN SAGE)** | | | | | |

---

**ORNAMENTAL OREGANO**

**Kirigami** A Kieft Seed™ Perennial. 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.

**New Garden Gnome** Produces tall stems of fragrant, cup-shaped flowers with unusual, papery-looking petals.

**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
- Rose
- White
- Yellow

**Allegro** Dwarf variety has scarlet flowers and lobed, sharply toothed foliage.

**Penstemon (Bearded Tongue)**

**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!

**Perovskia (Russian Sage)**

**New Bluesette** A Kieft Seed™ Perennial. The first and only compact, branching and early Perovskia from seed. Works well at the front of the landscape, as well as in a single premium patio container or mixed combo. Features a long flowering period, with ornamental foliage, a pleasing fragrance and attracts bees and butterflies.
### Class/Variety

<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>PHYSOSTEGIA (OBEDIENT PLANT, FALSE DRAGONHEAD)</strong></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Physostegia virginiana</td>
<td>✓</td>
<td>3-9</td>
<td>16 in. (41 cm)</td>
<td>16 in. (41 cm)</td>
<td>Summer-Late Summer</td>
</tr>
<tr>
<td><strong>PLATYCODON (BALLOON FLOWER)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Platycodon grandiflorus</td>
<td>✓</td>
<td>3-8</td>
<td>8 to 10 in. (20 to 25 cm)</td>
<td>12 to 24 in. (30 to 61 cm)</td>
<td>Summer</td>
</tr>
<tr>
<td><strong>New Platycodon Twinkle White</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Astra F. Series</td>
<td></td>
<td>✓</td>
<td>3-8</td>
<td>6 to 8 in. (15 to 20 cm)</td>
<td>12 to 24 in. (30 to 61 cm)</td>
</tr>
<tr>
<td><strong>Sentimental Blue</strong></td>
<td></td>
<td>✓</td>
<td>3-8</td>
<td>6 to 8 in. (15 to 20 cm)</td>
<td>12 to 24 in. (30 to 61 cm)</td>
</tr>
<tr>
<td><strong>Twinkle Series</strong></td>
<td></td>
<td>✓</td>
<td>4-8</td>
<td>6 to 8 in. (15 to 20 cm)</td>
<td>8 to 12 in. (20 to 30 cm)</td>
</tr>
<tr>
<td><strong>POPPIE</strong> See Papaver. Also see Annuals.</td>
<td></td>
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</tr>
<tr>
<td><strong>PRIMULA</strong> Also see Potted Plants.</td>
<td></td>
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</tr>
<tr>
<td>Primula verus</td>
<td></td>
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</tr>
<tr>
<td><strong>Cabrillo Dark Yellow Available as Ball Premier Line® seed.</strong></td>
<td></td>
<td>5-9</td>
<td>8 to 10 in. (20 to 25 cm)</td>
<td>4 to 8 in. (10 to 20 cm)</td>
<td>Early Spring</td>
</tr>
<tr>
<td><strong>PRITZELAGO</strong></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Pritzelago alpina/Hutchinsia alpina</td>
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<td></td>
</tr>
<tr>
<td><strong>Ice Cube White Available as Ball Premier Line® seed.</strong></td>
<td></td>
<td>3</td>
<td>4 in. (10 cm)</td>
<td>8 in. (20 cm)</td>
<td>Spring</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>
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</tr>
<tr>
<td><strong>RUDBECKIA (BLACK-EYED SUSAN)</strong></td>
<td></td>
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</tr>
<tr>
<td>New Goldblitz A Kieft Seed™ Perennial. Available as Ball Premier Line® seed. Shortens the production time for a finished flowering crop to 2 to 3 weeks compared to Goldsturm. Provides a more economical input option for natural daylength growers, as the plugs do not require special treatment. Slightly smaller leaf and flower size than Goldsturm.</td>
<td>✓</td>
<td>3-9</td>
<td>24 to 28 in. (61 to 71 cm)</td>
<td>14 to 18 in. (36 to 46 cm)</td>
<td>Summer-Fall</td>
</tr>
<tr>
<td>Goldsturm A Kieft Seed™ Perennial. Available as Ball Premier Line® seed. Large, deep yellow, daisylike flowers have a black center cone. Compact, free-flowering, dark green-leaved variety.</td>
<td>✓</td>
<td>3-9</td>
<td>24 to 28 in. (61 to 71 cm)</td>
<td>14 to 18 in. (36 to 46 cm)</td>
<td>Summer-Fall</td>
</tr>
<tr>
<td><strong>SAGINA</strong></td>
<td></td>
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</tr>
<tr>
<td>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.</td>
<td>✓</td>
<td>4-9</td>
<td>1 to 3 in. (20-25 cm)</td>
<td>6 to 8 in. (30 to 36 cm)</td>
<td>Late Spring- Late Summer</td>
</tr>
<tr>
<td><strong>SALVIA</strong></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>New Dimension™ Series A Kieft Seed™ Perennial. Available as Ball Premier Line® seed. Large, compact and well-branched plants are long-lasting in the landscape. Well-matched series finishes fast with no PGRs needed.</td>
<td>✓</td>
<td>3-8</td>
<td>8 to 10 in. (20 to 25 cm)</td>
<td>6 to 8 in. (15 to 20 cm)</td>
<td>Summer-Fall</td>
</tr>
<tr>
<td>Salvatore Blue A Kieft Seed™ Perennial. Available as Ball Premier Line® seed. Premium look Salvia features the largest spikes and the deepest colored calyx, spikes and flower in S. nemorosa from seed. Perfect for gallons.</td>
<td>✓</td>
<td>4-8</td>
<td>10 to 12 in. (25 to 30 cm)</td>
<td>6 to 8 in. (15 to 20 cm)</td>
<td>Late Spring- Fall</td>
</tr>
<tr>
<td>Merleau Series Uniform, well-branched perennial is also suitable as an annual bedding plant. Flowers the first year without vernalization.</td>
<td>✓</td>
<td>4-8</td>
<td>12 to 15 in. (30 to 38 cm)</td>
<td>12 to 15 in. (30 to 38 cm)</td>
<td>Spring- Summer</td>
</tr>
</tbody>
</table>
### SAXIFRAGA (ROCKFOIL)

<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>Saxifraga × arendsii</td>
<td>Dark Rose Shades</td>
<td>4-9</td>
<td>4 to 6 in. (10 to 15 cm)</td>
<td>4 to 6 in. (10 to 15 cm)</td>
<td>Spring</td>
</tr>
<tr>
<td><strong>New Lofty</strong></td>
<td>Large flowers and vigorous plants; highly competitive alternative to cuttings. Very uniform with short flower stems for easy planning and production.</td>
<td>✓</td>
<td>4-9</td>
<td>4 to 6 in. (10 to 15 cm)</td>
<td>4 to 6 in. (10 to 15 cm)</td>
</tr>
<tr>
<td>• Dark Rose Shades • Pink Shades • White Blush</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### SCABIOSA (PINCUSHION FLOWER)

**Uses:** Gardens, containers, butterfly gardens

<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>Scabiosa caucasia</td>
<td>Deep Blue</td>
<td>4-8</td>
<td>20 to 23 in. (51 to 58 cm)</td>
<td>24 in. (61 cm)</td>
<td>Summer-Fall</td>
</tr>
<tr>
<td><strong>Fama Series Available as Ball Premier Line® seed.</strong></td>
<td>Large flowers with strong stems and green, textured leaves.</td>
<td>✓</td>
<td>4-8</td>
<td>20 to 23 in. (51 to 58 cm)</td>
<td>24 in. (61 cm)</td>
</tr>
<tr>
<td>• Deep Blue • White</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scabiosa columbaria</td>
<td>Blue Note</td>
<td>5-9</td>
<td>8 to 10 in. (20 to 25 cm)</td>
<td>8 to 10 in. (20 to 25 cm)</td>
<td>Summer-Fall</td>
</tr>
<tr>
<td><strong>A Kieft Seed™ Perennial.</strong> Uniform, compact and full plants. Excellent for early Spring sales from overwintered (frost-free) production.</td>
<td></td>
<td>✓</td>
<td>5-9</td>
<td>8 to 10 in. (20 to 25 cm)</td>
<td>8 to 10 in. (20 to 25 cm)</td>
</tr>
<tr>
<td>Scabiosa japonica</td>
<td>Ritz Series</td>
<td>5-9</td>
<td>8 to 10 in. (20 to 25 cm)</td>
<td>8 to 10 in. (20 to 25 cm)</td>
<td>Spring-Late Summer</td>
</tr>
<tr>
<td><strong>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.</strong></td>
<td>✓</td>
<td>5-9</td>
<td>8 to 10 in. (20 to 25 cm)</td>
<td>8 to 10 in. (20 to 25 cm)</td>
<td>Spring-Late Summer</td>
</tr>
<tr>
<td>• Blue • Rose</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scabiosa japonica var. alpina</td>
<td>Pink Diamonds</td>
<td>5-9</td>
<td>8 to 10 in. (20 to 25 cm)</td>
<td>8 to 10 in. (20 to 25 cm)</td>
<td>Spring-Late Summer</td>
</tr>
<tr>
<td><strong>A Kieft Seed™ Perennial.</strong> Plants maintain a perfect, well-branched shape all season. Long-flowering with dense, rich dark green leaves.</td>
<td>✓</td>
<td>5-9</td>
<td>8 to 10 in. (20 to 25 cm)</td>
<td>8 to 10 in. (20 to 25 cm)</td>
<td>Spring-Late Summer</td>
</tr>
</tbody>
</table>

### SEDUM (STONECROP)

<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>Sedum forsterianum</td>
<td>Oracle Available as Ball Premier Line® seed.</td>
<td>4-9</td>
<td>6 to 8 in. (15 to 20 cm)</td>
<td>8 to 12 in. (20 to 30 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></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sedum serpyllifolium</td>
<td>Spirit Available as Ball Premier Line® seed.</td>
<td>4-9</td>
<td>4 in. (10 cm)</td>
<td>18 to 24 in. (46 to 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>
<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>SEMPERVIVUM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hippie Chicks ApeX</td>
<td></td>
<td>4-9</td>
<td>2 to 3 in. (5 to 8 cm)</td>
<td>6 in.</td>
<td>Late Spring-Summer</td>
</tr>
<tr>
<td>Sempervivum multi-species</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SHASTA DAISY</td>
<td>See Leucanthemum. Also see Annuals (Chrysanthemum).</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STIPA</td>
<td>See Grasses.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>THYME</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thymus fragantissimus</td>
<td></td>
<td>6-9</td>
<td>8 to 10 in. (20 to 25 cm)</td>
<td>12 in.</td>
<td>Mid-Summer</td>
</tr>
<tr>
<td>Orangelo</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TRIFOLIUM (SHAMROCK, CLOVER)</td>
<td></td>
<td>4</td>
<td>3 to 4 in. (8 to 10 cm)</td>
<td>3 to 4 in. (8 to 10 cm)</td>
<td></td>
</tr>
<tr>
<td>VERBASCUM (ORNAMENTAL MULLEIN)</td>
<td></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>
<td>5-8</td>
<td>24 to 30 in. (61 to 76 cm)</td>
<td>12 to 18 in. (30 to 46 cm)</td>
<td>Spring-Fall</td>
</tr>
<tr>
<td>VERBENA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Verbena rigida</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Polaris ApeX</td>
<td></td>
<td>8-10</td>
<td>12 to 24 in. (30 to 61 cm)</td>
<td>12 to 18 in. (30 to 46 cm)</td>
<td>Summer-Late Summer</td>
</tr>
<tr>
<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 resistance to powdery mildew.</td>
<td>✓</td>
<td>7-11</td>
<td>12 in. (30 cm)</td>
<td>48 in. (122 cm)</td>
<td>Late Spring-Fall</td>
</tr>
</tbody>
</table>
NEW POTTED PLANTS
FOR 2023-2024

EXPANDING OUR EXCLUSIVE MOREL® CYCLAMEN COLLECTION

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Cyclamen Bisous® Mix F₁ ..........................................163
Cyclamen Crispino® Mix F₁ .........................................163
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  CURLY Indian Rose & CURLY Salmon ..................164
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Primula Touch Me Midi F₁ Series .............................174

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  Bright Purple F₁ & Rose Eye F₁ ............................165
Lisianthus Julietta F₁ Series ....................................170
Ranunculus Maché Chocolate F₁ .............................175
CAMPANULA Also see Annuals, Perennials and Cut Flowers.

Campanula medium (Bellflower)

Campanella™ F1 Series

Height: 8 to 10 in. (20 to 25 cm)
Spread: 8 to 9 in. (20 to 23 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 Also see Annuals and Cut Flowers.

Celosia cristata (Cockscomb)

Concertina™ 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.
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 contain most or all colors in the series.

CINERARIA

Cineraria hybrida

Angel Mix

Height: 7 to 9 in. (18 to 23 cm)
Spread: 10 in. (25 cm)

Best choice for shipping from late October to the end of December. Very early medium-sized flowers.

Early Perfection Mix

Height: 8 to 10 in. (20 to 25 cm)
Spread: 12 to 15 in. (30 to 38 cm)

A dwarf senecio (cineraria) series. Plants produce a colorful display of daisy-like flowers. Exceptional for pot use.

WebTrack®

WebTrack® is one of the many benefits of partnering with Ball Seed®. From innovative products to service after the sale, you can rely on us for all your growing needs.
**CYCLAMEN**

*Other varieties available exclusively through Ball Seed*  
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### CYCLAMEN

*Cyclamen persicum*  

#### STANDARD CYCLAMEN

**Crop Time:** Packs, 26 to 40 weeks  
**ABANICO® Select Midi F1** 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®.**

Large, fan-shaped flowers with a beautiful white ruffled edge. Series features a unique form and striking colors.

- Light Purple
- Magenta
- Salmon

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#### NEW Absolu® de Morel F1

**Height:** 10 to 11 in. (25 to 28 cm)  
**Spread:** 7 to 8 in. (18 to 20 cm)

**A Ball Ingenuity® product — seed is available exclusively through Ball Seed®.**

First fragrant Victoria F1. Round plant shape with dark and nicely marbled foliage. Standard varieties are more vigorous and best in larger pots (5.5 to 8.5 in./14 to 22 cm).

- Bright Scarlet
- Deep Magenta
- Deep Rose
- Diva Pure White*  
- Light Purple

Some blooms may have a white border.

**NEW Bisous® Mix F1** 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®.**

Original combination of flamed flowers with silvery foliage. A mix of fresh, attractive colors.

- Bright lavender color is perfect for today’s color trends.
- Light Rose
- Lilac
- Neon Rose
- Pure White
- Red Rebelle®
- Salmon

**Halios® HD F1** Series  
**Height:** 12 to 14 in. (30 to 36 cm)  
**Spread:** 10 to 14 in. (25 to 36 cm)  
**A Ball Ingenuity® product — seed is available exclusively through Ball Seed®.**

Florist-quality series delivers compact, continuous-flowering plants with large blooms on strong stems. Plants show large blooms over dark marbled foliage. Performs well across a range of conditions, including high heat/ light. Flame varieties have a consistent narrow white edge. Standard varieties are more vigorous and best in larger pots (5.5 to 8.5 in./14 to 22 cm).

- Bright Scarlet
- Deep Magenta
- Deep Rose
- Diva Pure White*
- Light Purple

Some blooms may have a white border.

- Bright Rose
- Bright Scarlet
- Deep Magenta
- Grenadine
- New Lavender
- Salmon

**Halios®** Series  
**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®.**

Florist-quality series delivers compact, continuous-flowering plants with large blooms on strong stems. Plants show large blooms over dark marbled foliage. Performs well across a range of conditions, including high heat/ light. Flame varieties have a consistent narrow white edge. Standard varieties are more vigorous and best in larger pots (5.5 to 8.5 in./14 to 22 cm).

- Bright Scarlet
- Deep Magenta
- Deep Rose
- Diva Pure White*
- Light Purple

Some blooms may have a white border.

- Bright Rose
- Bright Scarlet
- Deep Magenta
- Grenadine
- New Lavender
- Salmon
- Salmon Rose
- White
- Flame Mix

HD varieties are well-suited to high-density production.

- Bright Purple
- Bright Rose
- Bright Scarlet
- Deep Magenta
- Grenadine
- New Lavender
- Salmon
- Salmon Rose
- White
- Flame Mix

May contain most or all colors in the series.

- Diva Rose Eye*
- Diva Pure White*
- Diva Rose Eye
- Diva Pure White

*DHIVA varieties are compact plants with large, thick-petaled flowers with round, flat petals that spread out like a fan.

**NEW Abanico® Select Midi F1 Series**  
**Height:** 8 to 14 in. (20 to 35 cm)  
**Spread:** 6 to 8 in. (15 to 20 cm)  
**A Ball Ingenuity® product — seed is available exclusively through Ball Seed®.**

Flowering plants with large, fan-shaped flowers with a beautiful white ruffled edge. Series features a unique form and striking colors.

- Bright Scarlet
- Deep Magenta
- Deep Rose
- Diva Pure White*
- Light Purple

Some blooms may have a white border.

- Bright Rose
- Bright Scarlet
- Deep Magenta
- Grenadine
- New Lavender
- Salmon
- Salmon Rose
- White
- Flame Mix

May contain most or all colors in the series.

- Diva Rose Eye*
- Diva Pure White*
- Diva Rose Eye
- Diva Pure White

**NEW Crispino® Mix F1** Series  
**Height:** 10 to 14 in. (25 to 36 cm)  
**Spread:** 10 to 14 in. (25 to 36 cm)  
**A Ball Ingenuity® product — seed is available exclusively through Ball Seed®.**

Abundant, large blooms are well-centered on very compact, early flowering plants. Combines unique, ruffled flowers in great colors. Excellent flowering uniformity.

- Bright Purple
- Bright Rose
- Bright Scarlet
- Deep Magenta
- Grenadine
- New Lavender
- Salmon
- Salmon Rose
- White
- Flame Mix

May contain most or all colors in the series.

- Diva Rose Eye*
- Diva Pure White*
- Diva Rose Eye
- Diva Pure White

*DHIVA varieties are compact plants with large, thick-petaled flowers with round, flat petals that spread out like a fan.

**NEW Bisous® Mix F1** 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®.**

First fragrant Victoria F1. Round plant shape with dark and nicely marbled foliage. Standard varieties are more vigorous and best in larger pots (5.5 to 8.5 in./14 to 22 cm).

- Bright Scarlet
- Deep Magenta
- Deep Rose
- Diva Pure White*
- Light Purple

Some blooms may have a white border.

- Bright Rose
- Bright Scarlet
- Deep Magenta
- Grenadine
- New Lavender
- Salmon
- Salmon Rose
- White
- Flame Mix

May contain most or all colors in the series.

- Diva Rose Eye*
- Diva Pure White*
- Diva Rose Eye
- Diva Pure White

**NEW Crispino® Mix F1** Series  
**Height:** 10 to 14 in. (25 to 36 cm)  
**Spread:** 10 to 14 in. (25 to 36 cm)  
**A Ball Ingenuity® product — seed is available exclusively through Ball Seed®.**

Abundant, large blooms are well-centered on very compact, early flowering plants. Combines unique, ruffled flowers in great colors. Excellent flowering uniformity.

- Bright Purple
- Bright Rose
- Bright Scarlet
- Deep Magenta
- Grenadine
- New Lavender
- Salmon
- Salmon Rose
- White
- Flame Mix

May contain most or all colors in the series.

- Diva Rose Eye*
- Diva Pure White*
- Diva Rose Eye
- Diva Pure White

*DHIVA varieties are compact plants with large, thick-petaled flowers with round, flat petals that spread out like a fan.

**NEW Absolu® de Morel F1** Series  
**Height:** 8 to 14 in. (20 to 35 cm)  
**Spread:** 6 to 8 in. (15 to 20 cm)  
**A Ball Ingenuity® product — seed is available exclusively through Ball Seed®.**

Flowering plants with large, fan-shaped flowers with a beautiful white ruffled edge. Series features a unique form and striking colors.

- Bright Scarlet
- Deep Magenta
- Deep Rose
- Diva Pure White*
- Light Purple

Some blooms may have a white border.

- Bright Rose
- Bright Scarlet
- Deep Magenta
- Grenadine
- New Lavender
- Salmon
- Salmon Rose
- White
- Flame Mix

May contain most or all colors in the series.

- Diva Rose Eye*
- Diva Pure White*
Halios® Select F1 Series
Height: 12 to 16 in. (30 to 41 cm)
Spread: 12 to 16 in. (30 to 41 cm)
Crop Time: Packs, 36 to 40 weeks
A Ball Ingenuity® product — seed is available exclusively through Ball Seed®.

Eye-catching “fancy” varieties offer the same outstanding Halios performance. Best for 5.5 to 8.5-in. (14 to 22-cm) pots.

- Blush Intense
- Falbala Rose
- Funflame Magenta
- Litchi Rose
- CURL Y Bright Purple
- CURL Y Bright Scarlet
- New CURL Y Deep Magenta
- CURL Y Deep Rose
- New CURL Y Indian Rose
- CURL Y Light Pink Eye
- CURL Y Light Rose & Flamed
- CURL Y Litchi Rose
- CURL Y Magenta Edge
- CURL Y Purple
- CURL Y Purple Edge
- New CURL Y Salmon
- CURL Y Scarlet
- CURL Y White
- CURL Y Early Mix
- CURL Y Flame Mix
- CURL Y Mix

Dhiva
Dhiva varieties are compact plants with large, thick-petaled flowers with round, flat petals that spread out like a fan.
- Dhiva Light Purple
- Dhiva Purple
- Dhiva Rose Eye
- Dhiva Salmon
- Dhiva White Pure

Fantasia
Extra long-lasting, white-rimmed flowers have thick petals curved out at the rim like a spoon.
- Fantasia Deep Rose
- Fantasia Magenta
- Fantasia Magenta Silverleaf
- Fantasia Purple
- Fantasia Purple Silverleaf
- Fantasia Red
- Fantasia Mix

Friola
Friola varieties show different flower shapes on 10% of the plants.
- Friola Light Purple
- Friola Magenta

Silverleaf
Have a distinctive silver-grey foliage pattern.
- 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.

Sierra Synchro F1 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 Eye
- Purple
- Purple Flame
- Rose
- Salmon Flame
- Scarlet
- White
- Wine Flame
- Mix May contain most or all colors in the series.

Winter Ice F1 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.
- Purple
- Rose
- Salmon
- Scarlet
- White
- Mix May contain most or all colors in the series.

Metalis® F1 Series
Height: 6 to 10 in. (15 to 25 cm)
Spread: 9 to 10 in. (23 to 25 cm)
A Ball Ingenuity® product — seed is available exclusively through Ball Seed®.

Silverleaf, midi type ideal for 4 to 6-in. (10 to 15-cm) pots. Uniform series features a round, vigorous habit in seven bold colors and one mix!
- Bright Purple
- Light Pink with Eye
- Magenta
- Red
- Rose
- Salmon
- White
- Mix May contain most or all colors in the series.

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INTERMEDIATE CYCLAMEN

**Dreamscape™ F1 Series**

*Height:* 6 to 9 in. (15 to 23 cm)

*Spread:* 9 to 13 in. (23 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.*

- **New Bright Purple** Bright color stays vibrant – even outdoors in low temperatures.
- **Bright Red**
- **Deep Burgundy**
- **Deep Rose**
- **New Rose Eye** Striking color addition to the series.
- **Salmon Eye**
- **White**
- **Dark Flamed Mix**
- **Mix** May contain most or all colors in the series.

**Laser Synchro F1 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, mounded plants have mid-size flowers.

- **Pink**
- **Pink Flame**
- **Purple**
- **Purple Flame**
- **Rose Flame**
- **Salmon**
- **Scarlet**
- **White**
- **Wine**
- **Mix** May contain most or all colors in the series.

**Latinia® F1 Series**

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

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

A Ball Ingenuity™ product — seed is available exclusively through Ball Seed®.

Available as Ball Premier Line® seed.

Abundant, large blooms are well-centered on very compact, early flowering plants. Excellent flowering uniformity. Great for outdoor use. Success varieties are extremely uniform for high-density programs. More compact with bigger blooms. Early, large-flowered plants grow strongly, even in high temperatures.

- **Deep Rose**
- **Lilac**
- **Purple**
- **Rose Eye**
- **Rose Purple Eye**
- **Scarlet Red**
- **White**
- **Flamed Mix**
- **Mix** May contain most or all colors in the series.

**Indiaka® F1 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 a two-tone color that changes depending on the environment.

- **Bright Purple**
- **Magenta**
- **Rose**
- **Salmon**
- **Mix** May contain most or all colors in the series.

**Indiaka® Magenta Cyclamen**

**Indiaka® Rose Eye Cyclamen**

**Laser Synchro Salmon Cyclamen**

**Latinia® Rose Eye Cyclamen**

**Latinia® Candy Pink Cyclamen**

**Latinia® F1 Series**

**Latinia® Success F1 Series**

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

**Metis® F1 Series**
- Height: 6 to 10 in. (15 to 25 cm)
- Spread: 6 to 8 in. (15 to 20 cm)

A Ball Ingenuity™ product — seed is available exclusively through Ball Seed®.

The richest mini F1 color assortment available.

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 3.5 to 5-in. (9 to 13-cm) pots.

- **Bright Purple**
  - Bright Red Compact
  - Deep Magenta
  - Deep Magenta Silverleaf
  - Deep Rose
  - Deep Rose Silverleaf
  - Light Pink Eye
  - Lilac Shades Eye
  - Magenta Silverleaf
  - Pure White
  - Pure White Silverleaf
  - Salmon Rose
  - Salmon Shades Silverleaf
  - Scarlet Compact
  - Scarlet Red Silverleaf
  - Edge 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

The most compact Metis varieties, in 10 warm, lively colors

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. Latinia® Select F1 Series
- Height: 10 to 12 in. (25 to 30 cm)
- Spread: 10 to 12 in. (25 to 30 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**
- **Funflame Magenta** Two-color contrast with "flame" effect, from intense magenta to white.

- **Victoria 50**
  - 50% fringed and 50% standard blooms. White with light pink.
  - **Victoria 50 Rose Eye**
    - 50% fringed and 50% standard blooms.

- **Fantasia Mix**
- **Fringed Mix**
- **Pipeca Mix** Some buds stay acid green and soften as flowers bloom. Includes magenta, purple and salmon/rose shades.

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**TANIS® F1 Series**
- Height: 8 to 14 in. (20 to 36 cm)
- Spread: 6 to 8 in. (15 to 20 cm)

A Ball Ingenuity™ product — seed is available exclusively through Ball Seed®.

Uniform series and short production time make growing and selling easy.

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. Latinia® Select F1 Series
- Height: 6 to 10 in. (15 to 25 cm)
- Spread: 6 to 8 in. (15 to 20 cm)

A Ball Ingenuity™ product — seed is available exclusively through Ball Seed®.

Fancy varieties offer the same outstanding Metis performance.

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.

- **Fantasia Artic Red**
- **Fantasia Deep Magenta**
- **Fantasia Purple**
- **Fantasia Red**
- **Fantasia Red & Deep Rose**
- **Fantasia Scarlet Salmon**
- **Lilabelle Bright Purple** A mini-type combination of Fantasia and Victoria characteristics on the same petal.
- **Lilabelle Magenta**
- **Origami Silverleaf**
- **Victoria** Unique petal shape evokes an origami fold; bicolor contrast of very intense purple and white.
- **Victoria Salmon & Rose**
- **Fantasia Mix Red, Deep Rose, Scarlet Salmon, Deep Magenta and Purple**
- **Fantasia Winter Mix Red, Deep Rose, Light Purple, Magenta and Purple**
- **PomPom Mix** Fringed, green-leaved mix of 5 colors/shades.
- **Victoria Deco Mix** Shades: salmon, white and pale pink.

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Better Sales Start from Better Inputs

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. Be sure to ask us about our dedicated grower truck delivery.

**Smartiz® Select F1 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®.
Extra-compact plants are ideal for micro and mini programs.
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 F1 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.
- New Bordeaux
- Finishes uniformly within the series.
- Bright Red
- Deep Magenta
- Deep Rose
- Light Purple
- Pure White
- Purple
- Red
- Rose
- New Rose Bengal
- Mix includes 11 colors.

**Snowridge F1 Series**
Available as Ball Premier Line® seed.
Eye-catching Snowridge colors are featured on blooms with thick petals and distinctive white edges. Offers heat and Botrytis tolerance.
Maxi
Height: 12 to 14 in. (30 to 36 cm)
Spread: 12 to 14 in. (30 to 36 cm)
- Purple
- Rose

Mid
Height: 10 to 12 in. (25 to 30 cm)
Spread: 10 to 12 in. (25 to 30 cm)
- Purple
- Scarlet
- Wine

**Winfall F1 Mix**
Height: 6 to 10 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. Features fragrant, bicolor flowers. Good for high-density, 2.5 to 4.5-in. (6 to 11-cm) programs.

**Snowridge Midi Purple Cyclamen**

**Princess Deep Blue Exacum**

**Royal Dane White Exacum**

**EXACUM**
Exacum affine (Persian Violet)
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 to 6 in. (10 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 to 6 in. (10 to 15 cm)
A PanAmerican Seed® Product.
Available as Ball Premier Line® seed.
Best for 2.25 to 5-in. (6 to 13-cm) pots.
- Deep Blue
- Deep Rose
- White

**Better Sales Start from Better Inputs**

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. Be sure to ask us about our dedicated grower truck delivery.

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

**Chamaedorea elegans**

- **Height:** 10 to 21 in. (25 to 53 cm)
- **Spread:** 6 to 14 in. (15 to 36 cm)

A palm out of Mexico that is suitable for smaller 3.5-in. (9-cm) to 6.5-in (17-cm) pots.

**Coffea 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.

**Dypsis lutescens**

- **Height:** 10 to 31 in. (25 to 79 cm)
- **Spread:** 6 to 16 in. (15 to 41 cm)

Known as the golden can palm, *Dypsis lutescens* is suitable for 3.5-in. (9-cm) to 7.5-in. (19-cm) pots.

**Pachypodium lamerei**

- **Height:** 4 to 10 in. (10 to 25 cm)
- **Spread:** 4 to 8 in. (10 to 20 cm)

**Philodendron selloum**

- **Height:** 23 to 35 in. (58 to 89 cm)
- **Spread:** 20 to 28 in. (51 to 71 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.

**Schefflera arboricola**

- **Height:** 8 to 20 in. (20 to 51 cm)
- **Spread:** 6 to 12 in. (15 to 30 cm)

Suitable for 5-in. (12-cm) to 6.5-in. (17-cm) pots.

**GERBERA**

*Gerbera jamesonii* (Transvaal Daisy)

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

Available as Ball Premier Line® seed.

**Bengal Mix**

Crop Time: 4-in. (10-cm) pots, 22 to 24 weeks.

- Bicolor Orange Yellow
- Bicolor Red White
- Cherry with Light Eye
- Deep Orange with Dark Eye
- Deep Rose with Light Eye
- Red with Dark Eye
- Red with Light Eye
- White with Dark Eye
- Yellow with Dark Eye
- Mix May contain most or all colors in the series.

**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.

- **ColorBloom™ F1 Series**
  - **Height:** 4 to 6 in. (10 to 15 cm)
  - **Spread:** 6 to 8 in. (15 to 20 cm)
  - **A PanAmerican Seed® Product.**

**Autumn Colors**

- Mix of 3 components segregates to provide a total of 7 colors, including yellow, butterscotch, scarlet and bronze.

**Strawberry Twist**

Shades range from creamy yellow with a hint of pink to deep strawberry with a hint of yellow.

**ColorBloom White with Dark Eye Gerbera**
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 18 cm)
Spread: 3 to 6 in. (13 to 15 cm)
- Coral Dark Eye
- Coral Light Eye
- Orange Dark Eye
- Orange Light Eye
- Pink Light Eye
- Red Light Eye
- White Light Eye
- Yellow Light Eye

**Maxi**
Height: 4 to 6 in. (10 to 15 cm)
Spread: 3 to 5 in. (8 to 13 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 Dark Eye
- Red Light Eye
- White Dark Eye
- White Light Eye
- Yellow Dark Eye
- Yellow Light Eye
- Dark Eye Select Mix
- Hot Summer Light Eye Mix
- Select Mix
- Spider Mix
- Spring Mix
- Winter Mix

**Majorette F1 Series**
Height: 4 to 5 in. (10 to 13 cm)
Spread: 3 to 4 in. (8 to 10 cm)
- Bicolor Dark Eye
- Bicolor Light Eye
- Dark Fireball Dark Eye
- Eyecatcher Purple Dark Eye
- Eyecatcher Red Dark Eye
- Fireball Dark Eye
- Lavender Dark Eye
- Light Pink Dark Eye
- Lilac Light Eye
- Orange Dark Eye
- Orange Light Eye
- Pink Dark Eye
- Pink Light Eye
- Red Dark Eye
- Red Light Eye
- White Light Eye
- Yellow Dark Eye
- Yellow Light Eye
- Deep Orange Light Eye
- Deep Rose Light Eye
- Fire Dark Eye
- Pink Light Eye
- Red Light Eye
- Rose Dark Eye
- Rose Picotee Light Eye
- Scarlet Shades Dark Eye
- Tangerine Light Eye
- White Light Eye
- Yellow Light Eye
- Fall Colors Mix
- Mix May contain most or all colors in the series
- Salsa Mix Includes red, yellow, scarlet and orange varieties
- Spring Time Light Eye Mix Light-eyed yellow, Pink and White, plus orange and salmon pastel (not available separately)

**Mega Revolution™ F1 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
- Scarlet Red with Light Eye
- Watermelon
- White with Light Eye
- Yellow with Dark Eye
- Mix May contain most or all colors in the series
GERBERA continued

Revolution™ F₁ Series

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.
The most uniform gerbera series you can grow!

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 Dark Eye
- Bright Rose with Light Eye
- Deep Orange with Dark Eye
- Deep Pink with Light Eye
- Golden Yellow with Dark Eye
- Orange with Light Eye
- Pastel Orange Dark Eye
- Red with Dark Eye
- Red with Light Eye
- Salmon Shades with Light Eye
- White with Light Eye
- Yellow with Light Eye
- Bicolor Mix
- Select Mix Uniform mix of bold, bright colors.

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 to 6 in. (10 to 15 cm)
Spread: 3 to 5 in. (8 to 13 cm)
- Red Dark Eye

Midi

Height: 4 to 5 in. (10 to 13 cm)
Spread: 3 to 4 in. (8 to 10 cm)
- Berries & Cream Dark Eye

Mini

Height: 3 to 5 in. (8 to 13 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.

LISIANTHUS

Lisianthus grandiflora (Pot Lisianthus)

New Julietta Series

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

A Ball Ingenuity™ product, available exclusively through Ball Seed®.

Crop time: 8 to 16 weeks

More compact and flowers one week earlier than current commercial pot lisianthus for more crops in the greenhouse and a longer selling window. The double flowers don’t just offer extra beauty; this novelty also scores well in terms of lifespan.

- Blue
- Pink
- White

NEW Julietta Blue Lisianthus

NEW Julietta Pink Lisianthus

NEW Julietta White Lisianthus
ORNAMENTAL PEPPER

Capsicum annuum

Crop Time: Packs, 11 to 14 weeks

ANNUAL ORNAMENTAL PEPPER, GARDEN OR LARGE POT

Black Pearl

Height: 14 to 18 in. (36 to 46 cm)
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 Winner.

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.

Sangria F1

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.

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 Winner.

Purple Flash

Height: 13 to 15 in. (33 to 38 cm)
Spread: 19 to 21 in. (48 to 53 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.

A PanAmerican Seed® Product.

A PanAmerican Seed® Product.

A PanAmerican Seed® Product.

A PanAmerican Seed® Product.

Onyx Red Pepper

Purple Flash Pepper

Sangria Pepper

Sedona Sun Pepper

Acapulco™ Series

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

A PanAmerican Seed® Product.

Tapered, 0.5 by 1.5-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

All Kale, Flowering Kale, Pepper, Ornamental Pepper and Tomato seed has been tested for seedborne diseases according to the International Seed Health Initiative (ISHI) guidelines.
ORNAMENTAL PEPPER continued

Blaze
Height: 4 to 5 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 Winner.

Cupala Red
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.

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.
• Yellow
  - Fruit is medium hot. Sow 1 week earlier to time finish with purple.

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)
A PanAmerican Seed® Product.
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

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: 6 to 8 in. (15 to 20 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.

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)
A PanAmerican Seed® Product.
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-Red
• Mix May contain most or all colors in the series.

Sambas Red
Height: 6 in. (15 cm)
White to red fruit.

Santos Orange
Height: 6 in. (15 cm)
A PanAmerican Seed® Product.
Produces 0.3 x 1.5 in. (2.5 x 4-cm) fruit. Works well in 4 to 4.5-in. (10 to 11-cm) plants, or 3 ppp in 6.5 to 7.5-in. (17 to 19-cm) pots.

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.
**Primula acaulis** (Primrose)

- **Crop Time:** Packs, 5 to 6 months
- **Danessa F1 Series**
  - **Height:** 2 to 3 in. (5 to 8 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.
  - **Varieties:**
    - Apricot Rose Eye
    - Blue
    - Burgundy
    - Golden Shades
    - Pink Rose Eye
    - Pink Shades
    - Rose Bicolor
    - Scarlet
    - White
    - Yellow
    - Mix

- **New Dania F1 Series**
  - **Height:** 4 in. (10 cm)
  - **Spread:** 6 in. (15 cm)
  - Compact plant habit for less or no use of PGR. Showy flowers are eye-catching at retail. Very early flowering.
  - **Varieties:**
    - Blue
    - Golden Yellow
    - Red Bicolor
    - Rose
    - Rose Bicolor
    - Scarlet
    - White
    - Yellow
    - Yellow With Eye
    - Mix

- **Danova F1 Series**
  - **Height:** 4 to 6 in. (10 to 15 cm)
  - **Spread:** 6 to 7 in. (15 to 18 cm)
  - **Crop Time:** Packs, 5 to 6 months
  - 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. (2.5 to 4-cm) blooms held close to the foliage on compact plants.
  - **Varieties:**
    - Appleblossom Bicolor
    - Burgundy Bicolor
    - Cherry With Edge
    - Cream Yellow
    - Lemon Yellow
    - Light Violet
    - Orange-Yellow
    - Pink
    - Pink Bicolor
    - Purple
    - Red
    - Red/Rose Shades
    - Rose
    - Rose and White Bicolor
    - 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

- **Hethor Giant Series**
  - **Height:** 4 to 6 in. (10 to 15 cm)
  - **Spread:** 6 to 9 in. (15 to 23 cm)
  - High-quality, mid-season series features incredibly big flowers on compact plants. Suited to 4 to 5-in. (10 to 13-cm) pots.
  - **Varieties:**
    - Appleblossom
    - Blue
    - Carneval
    - Gold Orange
    - Pink
    - Pink Flame
    - Purple Flame
    - Red
    - White
    - Yellow
    - Late Mix
    - Mix

- **New Paradiso Double Series**
  - **Height:** 4 to 6 in. (10 to 15 cm)
  - **Spread:** 5 to 6 in. (13 to 15 cm)
  - Double series requires minimal cooling to flower. Perfect for mid season and can be easily timed for Winter/early Spring programs.
  - **Varieties:**
    - Champagne
    - Lavender
    - Light Rose
    - Lime
    - White
    - Yellow

- **New Paradiso Early Series**
  - **Height:** 4 to 6 in. (10 to 15 cm)
  - **Spread:** 5 to 6 in. (13 to 15 cm)
  - Available as Ball Premier Line® seed.
  - Requires little to no cooling to flower. Perfect for early season and can be easily timed for Fall/Winter programs.
  - **Varieties:**
    - Appleblossom
    - Blue
    - Carmine Bicolor
    - Orange
    - Pink
    - Red
    - Violet
    - White
    - Wine Red
    - Yellow

- **New Paradiso Mid Series**
  - **Height:** 4 to 6 in. (10 to 15 cm)
  - **Spread:** 5 to 6 in. (13 to 15 cm)
  - Available as Ball Premier Line® seed.
  - Perfect for mid season and can be easily timed for Winter/early Spring programs. Well matched in flowering time with a compact habit.
  - **Varieties:**
    - Appleblossom
    - Blue
    - Lemon
    - Orange
    - Pink
    - Pink Bicolor
    - Red
    - Salmon
    - Violet
    - Violet Bicolor
    - White
    - Wine Red
    - Yellow
    - Yellow Red
    - Mix

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

Primlet® Series

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

A PanAmerican Seed® Product.

Crop Time: Packs, 5 to 6 months

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 3 weeks as an indoor lifestyle plant.

- Golden Shades
- Lemon Shades
- Pink Shades
- Purple
- Rose
- Rose with Edge
- Scarlet Red Shades
- Sunrise
- White
- Yellow
- Mix May contain most or all colors in the series.

New Touch Me Midi F1 Series

Height: 12 to 16 in. (30 to 41 cm)
Spread: 6 to 8 in. (15 to 20 cm)

Firm flower stems, cheerful colors and a long flower life. Prinmin free.

- Blue White
- Dark Blue
- Dark Orange
- Magenta
- Red White
- Rose
- Violet
- White
- Mix May contain most or all colors in the series.

Prime F1 Mix

Height: 6 to 8 in. (15 to 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
- Orange
- Pink
- Purple Bicolor
- Red
- Rose Bicolor
- Sky Blue
- White
- Yellow
- Mix May contain most or all colors in the series.

Primula polyantha (Primrose)

Lighthouse Series

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

Compact, uniform habit without PGRs allows for multiple-color planting program. Longer flower stem reduces botrytis risk for higher retail sell-through.

- Blue
- Pink
- Rose
- Yellow
- Mix May contain most or all colors in the series.

SuperNova F1 Series

Height: 8 in. (20 cm)
Spread: 7 to 8 in. (18 to 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
- Sweet 16
- White
- Mix May contain most or all colors in the series.

Primula malacoides (Primrose)

Prima F1 Mix

Height: 12 to 16 in. (30 to 41 cm)
Spread: 6 to 8 in. (15 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
- Sweet 16
- White
- Mix May contain most or all colors in the series.

Lighthouse Series

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

Compact, uniform habit without PGRs allows for multiple-color planting program. Longer flower stem reduces botrytis risk for higher retail sell-through.

- Blue
- Pink
- Rose
- Yellow
- Mix May contain most or all colors in the series.

SuperNova F1 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
- Orange
- Pink
- Purple Bicolor
- Red
- Rose Bicolor
- Sky Blue
- White
- Yellow
- Mix May contain most or all colors in the series.
RANUNCULUS

**Ranunculus asiaticus**

**Bloomingdale II F1 Series**  
**Height:** 10 to 14 in. (25 to 36 cm)  
**Spread:** 10 to 12 in. (25 to 30 cm)  
**Available as Ball Premier Line® seed.**  
Compact, early and uniform flowering plants show off bright, clear colors. Ideal for quarts, gallons and mixed containers.  
- **Fire Bicolor**  
- **Golden Yellow Shades**  
- **Orange Shades**  
- **Pink Shades**  
- **Red Shades**  
- **Rose Shades**  
- **White Shades**  
- **Mix** May contain most or all colors in the series.

**Magic F1 Series**  
**Height:** 6 to 8 in. (15 to 20 cm)  
**Spread:** 4 to 6 in. (10 to 15 cm)  
**Available as Ball Premier Line® seed.**  
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**  
- **Fireball**  
- **Golden Yellow**  
- **Orange**  
- **Pink and Peach**  
- **Purple**  
- **Red**  
- **Rose**  
- **Rose Delight**  
- **White**  
- **Yellow**  
- **Mix** May contain most or all colors in the series.

**Sprinkles F1 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.**  
Vigorous, strong-stemmed series produces large-flowered, dark green-leaved plants that respond well to PGRs and ship well.  
- **New Chocolate**  
- **Fireball**  
- **Golden Yellow**  
- **Orange**  
- **Pink Bicolor**  
- **Red**  
- **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 15 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**  
- **Light Pink**  
- **Red**  
- **White**  
- **Yellow**  
- **Mix** May contain most or all colors in the series.

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**SUNFLOWER**

*Helianthus annuus*

**Ballad F₁**
- **Height:** 24 to 30 in. (61 to 76 cm)
- **Spread:** 6 to 8 in. (15 to 20 cm)

*PanAmerican Seed® Product.*

Available as Ball Premier Line® seed.

Mildew-tolerant, green-leaved plants have bright golden-yellow flowers with deep bronze centers. Pollen-free; works well indoors, and in gardens and containers. Plants grow shorter under short days. Under longer days, plants grow taller; without growth regulators 49 to 63 days.

**Big Smile**
- **Height:** 12 to 15 in. (30 to 38 cm)
- **Spread:** 8 to 12 in. (20 to 30 cm)

Available as Ball Premier Line® seed.

Upright, 6-in. (20-cm), golden-yellow flowers with black center. 50 to 60 days.

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

*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. 49 to 63 days.

**Miss Sunshine F₁**
- **Height:** 10 to 16 in. (25 to 41 cm)
- **Spread:** 6 to 8 in. (15 to 20 cm)

*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 3 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. 56 days.

**Smiley**
- **Height:** 13 to 16 in. (33 to 41 cm)
- **Spread:** 12 in. (30 cm)

Available as Ball Premier Line® seed.

Early blooming, dwarf-sized plant produces pollenless, broad-petaled flowers in a rich yellow color. 60 days.

**SunBuzz F₁**
- **Height:** 12 to 20 in. (30 to 51 cm)
- **Spread:** 8 to 12 in. (20 to 30 cm)

*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. 63 days.

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

Available as Ball Premier Line® seed.

Very compact plants produce large, pollenfree flowers with black centers, over long-lasting leaves. Suited to garden borders and containers. 56 to 63 days.

- **Flame**
- **Yellow**
- **Yellow Spirit**

**Suntastic Yellow Black Eye F₁**
- **Height:** 10 to 24 in. (25 to 61 cm)
- **Spread:** 8 to 10 in. (20 to 25 cm)

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. 65 days.

*All-America Selections Regional Winner.*

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See something you like at various trials? Flag it on WebTrack® for future reference.
NEW AND IMPROVED CUT FLOWERS FOR 2023-2024

A BEAUTIFUL BOUQUET OF COLORS & TEXTURES

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ABELMOSCHUS

Abelmoschus esculentus (Red Butterfly)

Cramer’s Okrazailla

Height: 36 in. (91 cm)
Large okra pods look great when they “split” open as they dry. Not as long as regular okra pods, but 3 or 4 times as thick.

AGERATUM

Ageratum houstonianum (Floss Flower)
Blue Horizon

Height: 30 in. (76 cm)
Available as Ball Premier Line® seed.
Mid-blue; also works well in landscapes.

AMARANTHUS

Amaranthus caudatus (Love Lies Bleeding)
Coral Fountain

Height: 40 in. (102 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.

Green Tails

Height: 36 to 48 in. (91 to 122 cm)
Annual, with long decorative tassels.

Amaranthus cruentus

Copperhead

Height: 48 in. (122 cm)
Copper flower head and stem with yellow leaves.

AMMI

Ammi majus (Bishop’s Flower)

Queen Of Africa

Height: 48 in. (122 cm)
Mid-June sowings produce white-flowering plants by mid-September. Suitable for greenhouse, field and garden cut flower production.

Ammi visnaga

Green Mist

Height: 24 to 48 in. (61 to 122 cm)
White flowers bloom in Summer over feathery, fernlike foliage.

ANEMONE

Anemone coronaria (Single-Flowered)

Gemstone F₁ Series

Height: 15 to 18 in. (38 to 46 cm)
Large flower size. Suitable for high-density production. Longer harvest window extends shipping season for growers.
• Blue
• Red Bicolor
• Scarlet
• White

Mona Lisa® F₁ Series

Height: 18 in. (46 cm)
A PanAmerican Seed® Product.
Will flower under lower Winter light levels than other varieties. Sturdy stems hold vibrant, 4 to 5 in. (10 to 13-cm) flowers.
• Deep Blue
• Orchid Shades
• Pink
• Red Bicolor
• Scarlet Eye
• White
• Wine White Bicolor
• Mix May contain most or all colors in the series.

ARALIA
See Potted Plants.

ASCLEPIAS

Asclepias curassavica

Silky Series

Height: 24 to 28 in. (61 to 71 cm)
A PanAmerican Seed® Product.
Strong-stemmed plants have intensely colored blooms all Summer.
• Deep Red: Golden yellow centers.
• Gold

Gemstone Blue Anemone
Gemstone Scarlet Anemone
ASTER Also see Annuals.
Transplant out seedlings soon after the last Spring frost date.

**Callistephus chinensis**

**Ball Florist Mix**
Height: 25 to 28 in. (64 to 71 cm)
Vigorous, upright plants produce large, fully double flowers with incurved petals similar to chrysanthemums.

**Bonita Series**
Height: 30 to 36 in. (76 to 91 cm)
Available as Ball Premier Line® seed.
Button-type flowers that open fully on vigorous plants. Tolerant of Fusarium.
- Blue
- Light Blue
- Pink
- Rose
- Scarlet
- Shell Pink
- Top Blue
- Top Rose
- White
- Mix May contain most or all colors in the series.

**Fujimi Series**
Height: 30 to 36 in. (76 to 91 cm)
Grows upright and produces sprays of brightly colored flowers; ideal for high-density planting.
- Coral Rose
- Purple
- Scarlet

**Gala Series**
Height: 31 in. (79 cm)
Large double flowers with pincushion petals top strong, sturdy stems.
- Blue
- Burgundy
- Carmine Rose
- Lavender
- Purple
- Scarlet
- Yellow
- Mix May contain most or all colors in the series.

**Lady Coral Series**
Height: 24 to 28 in. (61 to 71 cm)
Unusual flower type resembles a cross of chrysanthemums and roses. Slightly curved flowers have narrow petals. Excellent durability.
- Brilliant Rose
- Chamois
- Cream White
- Dark Blue
- Dark Rose
- Deep Red
- Lavender
- Light Blue
- Light Rose
- Salmon
- White
- Yellow
- Mix May contain most or all colors in the series.

**Matsumoto Series**
Height: 24 to 30 in. (61 to 76 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.

**Nina Series**
Height: 27 to 30 in. (69 to 76 cm)
Spray-type with a large number of small semi-double flowers on vigorous plants. Has more disease resistance compared to other cut asters. Excellent in mixed bouquets.
- Pink
- Purple
- Salmon Pink
- White

**Serenade Series**
Height: 30 in. (76 cm)
Early-blooming with 1.25-in. (3-cm), semi-double flowers and a spray-type habit for full bouquets.
- Blue
- Blue White
- Deep Rose
- Red
- Rose
- Rose White
- Scarlet
- White
- Mix May contain most or all colors in the series.

Find the latest culture information on your favorite plants to help you grow your best crops.
**BUPLEURUM**

*Bupleurum rotundifolium* "Green Gold"

**Height:** 24 to 36 in. (61 to 91 cm)
Yellow-lime green flowers top long, wiry stems. Excellent for mixed bouquets and dried flowers.

**Griffiti**

**Height:** 36 in. (91 cm)
Produces many small yellow flowers over foliage similar to eucalyptus.

**Griffiti Bupleurum**

---

**CARTHAMUS**

*C. tinctorius* (Safflower) "Grenade Orange"

**Height:** 32 to 40 in. (81 to 102 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.

**Zanzibar**

**Height:** 32 to 40 in. (81 to 102 cm)
Striking deep orange to yellow-red flowers that resemble thistles top stems of uniform length. Well-suited to indoor and outdoor professional cut flower programs; can be used fresh and dried.

**CARTHAMUS**

*C. tinctorius* (Safflower) "Grenade Orange"

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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.

**Zanzibar**

**Height:** 32 to 40 in. (81 to 102 cm)
Striking deep orange to yellow-red flowers that resemble thistles top stems of uniform length. Well-suited to indoor and outdoor professional cut flower programs; can be used fresh and dried.

**CELOSIA**

*Celosia argentea plumosa* (Feather) "Century Series"

**Height:** 14 to 16 in. (36 to 41 cm)
Basal-branching plants produce 13-in. (33-cm) plumes. Suitable for greenhouse, field or garden cut flower production.
- **Fire**
- **Pink**
- **Red**
- **Rose**
- **Salmon Pink**
- **Yellow**
- **Mix** May contain most or all colors in the series.

**New Pampas Plume Mix**

**Height:** 36 to 48 in. (91 to 122 cm)
One of the fastest varieties to flower, these wispy plumes add lightness and texture to mixed bouquets.

**Sylphid Lime**

**Height:** 28 in. (71 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.
Celosia cristata (Cockscomb)

**Act Series**

- **Height:** 50 in. (127 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.
  - Green
  - Lemon
  - Orange
  - Pink
  - Rose
  - Rose with Orange Rim
  - Velvet
  - Yellow
  - Mix May contain most or all colors in the series.

**Chief Series**

- **Height:** 24 in. (61 cm)
- 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. All-America Selections Winner

**Kurume Series**

- **Height:** 28 to 47 in. (71 to 119 cm)
- Produces large combs of vivid color. Very high tolerance to heat, drought and disease makes them ideal for Summer cut flowers.
  - Corona
  - Soft yellow and cherry red.
  - 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 as 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
  - Orange
  - Pink
  - Red
  - Rose

**Spring Green**

- **Height:** 40 to 48 in. (102 to 122 cm)
- *A PanAmerican Seed Product.* Available as Ball Premier Line® seed. Suitable for higher-density plantings, with a short programmable cultivation period. Ships well and delivers long vase life.

**Supercrest Mix**

- **Height:** 36 to 48 in. (91 to 122 cm)
- True giant size cockscomb head with a tall, red stem. Ideal for cutting. Can be cut at various stages, from 4-in. (10-cm) head to well over 10 in. (25 cm). Includes pale lemon, apricot, cream, cranberry and soft orange shades.

**Cemoso**

**Sunday™ Series**

- **Height:** 28 to 40 in. (71 to 102 cm)
- A PanAmerican Seed Product. Available as Ball Premier Line® seed. Offers longer stem length with a nice full plume and intense flower colors. Good shipping and vase life.
  - New Bright Pink Improved Upgraded for improved uniformity and flowering time under greenhouse cultivation.
  - New Cherry Improved Earlier to flower, so it times better with the series under greenhouse cultivation.
  - Dark Pink
  - New Gold Improved Better production and greenhouse performance.
  - Red
  - Wine Red
  - Yellow
  - Mix Bronze, Dark Pink, Red and Wine Red.

Celosia spicata (Wheat Celosia)

**Cramers Series**

- **Height:** Varies by variety
- Flowers make a great fresh cut bouquet.

**Crested type**

- **Height:** 36 in. (91 cm)
  - Burgundy
  - Lemon Lime
  - Rose

**Wheat type**

- **Height:** 48 in. (122 cm)
  - Amazon
  - Hi Z

**Flamingo Series**

- **Height:** Varies by variety
- Feathery plumes on strongly branching plants make this series one of the popular celosias for cut flower production. It can also be grown for bedding plant production to be used in either a landscape situation or the backs of annual garden beds.
  - Feather
  - Light pink later fades to white under high heat. Height reaches 18 to 26 in. (46 to 66 cm).
  - Purple Bushier, twice as large and later to bloom than Flamingo Feather. Height reaches 36 to 48 in. (91 to 122 cm).

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**CENTAUREA**

*Centaurea cyanus* (Cornflower)

New Cyanus Blue Boy

**Height:** 32 in. (81 cm)

A very fine, tall, double-flowered variety with lance-shaped, long and graceful leaves.

---

**COSMOS** Also see Annuals.

*Cosmos bipinnatus* 

**Double Click Series**

**Height:** 48 in. (122 cm)

Unique double and semi-double-flowered cosmos.

- Cranberries
- Pink Bicolor
- Rose Bonbon
- Snow Puff
- Violet Bicolor
- Mix

**Sensation Mix**

**Height:** 48 in. (122 cm)

Large, single flowers with yellow centers.

**New Versailles Mix**

**Height:** 40 to 48 in. (102 to 122 cm)

Early blooming and vigorous. Produces under short days and is also suitable for greenhouse culture during the Winter. Strong stems can withstand considerable handling.

**Xanthos**

**Height:** 20 to 25 in. (51 to 64 cm)

Unique, soft, stunning yellow flowers are lighter at the edges. Upright and branching habit. For cuts and bedding.

**Xsenia**

**Height:** 24 to 28 in. (61 to 71 cm)

Unique terracotta-orange blooms edged with pink mature to antique rose. Upright and well branched.

---

**CRASPEDIA**

*Craspedia uniflora* (globosa)

Drumstick

**Height:** 37 in. (94 cm)

Available as Ball Premier Line seed. Wiry stems hold golden yellow florets.

---

**DELPHINIUM**

Also see Larkspur and Perennials.

*Delphinium elatum* (Larkspur)

**Aurora F1 Series**

**Height:** 35 to 47 in. (89 to 119 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

**Magic Fountains Series**

**Height:** 30 to 36 in. (76 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:** 54 to 72 in. (137 to 183 cm)

Large, semi-double blooms. All have white bees, except Blue Jay, Black Knight and Percival, which have black bees.

- Astolat Bluish pink shades with darker tones. Can show both creamy white and dark bees.
- Black Knight Dark blue.
- Blue Bird Mid 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

**Jenny’s Pearl Series**

**Height:** 20 to 28 in. (51 to 71 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)

The perfect bouquet component. Early blooming, with delicate star-shaped flowers. Also great as a bedding or potted crop.

- Blue
- Light Pink

---

**NEW Versailles Mix Cosmos**

**Height:** 48 in. (122 cm)

Sturdy, tall, double-flowered cosmos. Slightly earlier than double click series.

- Cranberries
- Pink Bicolor
- Snow Puff
- Violet Bicolor
- Mix

**Magic Fountains Series**

**Height:** 30 to 36 in. (76 to 91 cm)

Sturdy, compact plants.

- Deep Purple
- Lavender
- Light Blue
- Light Purple
- White
- Mix

**Pacific Giants Series**

**Height:** 54 to 72 in. (137 to 183 cm)

Large, semi-double blooms. All have white bees, except Blue Jay, Black Knight and Percival, which have black bees.

- Astolat Bluish pink shades with darker tones. Can show both creamy white and dark bees.
- Black Knight Dark blue.
- Blue Bird Mid 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
DIANTHUS  
Also see Annuals and Perennials.

**Dianthus barbatus** (Sweet William)

• **Chabaud Series**
  - Height: 24 in. (61 cm)
  - Tall stems display a beautiful range of colors. Bloom all Summer long from an early sowing.
    - Aurora Salmon
    - Jeanne White
    - La France Pink

• **Electron Mix**
  - Height: 21 to 30 in. (53 to 76 cm)
  - A cottage garden “must-have”!
  - Ever-popular Sweet William features vibrant heads with a contrasting eye for maximum impact.
  - Plants have a classic scent and are great for cutting and the early borders.

  • Aurora Salmon
  • Jeanne White
  • La France Pink

• **Sweet™ F1 Series**
  - Height: 18 to 36 in. (46 to 91 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
    - Magenta Bicolor
    - Neon Purple
    - Pink
    - Pink Magic
    - Purple
    - Purple White Bicolor
    - Red
    - Rose Magic
    - Scarlet
    - White
    - Mix includes Black Cherry, Purple White Bicolor and White.

• **New Tall Double Mix**
  - Height: 20 in. (51 cm)
  - Features a wild mix of colors and patterns that are perfect for cutting and arranging.
  - True biennial variety for Fall transplant.

**ERYNGIUM**  
Also see Perennials.

**Eryngium planum** (Glitter Series)

- Height: 26 to 39 in. (66 to 99 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.
- • Blue
- • White

**ESCHSCHOLTZIA**  
Also see Annuals (Eschscholzia, Poppy) and Perennials (Papaver).

**Eschscholzia californica** (California Poppy)

- **CA Poppy**
  - Height: 12 to 18 in. (30 to 46 cm)
  - Attractive blue-green, coin-shaped juvenile leaves, opposite on the pendulous stems, are excellent for adding to bouquets and cut ornamental arrangements. A choice evergreen rounded shrub or shade tree.

**EUCALYPTUS**

**Eucalyptus cinerea** (Silver Dollar)

- Attractive blue-green, coin-shaped juvenile leaves, opposite on the pendulous stems, are excellent for adding to bouquets and cut ornamental arrangements. A choice evergreen rounded shrub or shade tree.

**Eucalyptus gunnii** (Gum tree)

- **Silverdrop**
  - Fragrant, small, blue-green leaves on vigorous, uniform filler plants with strong side branching. A florist favorite.

**Eucalyptus polyanthemos** (Silver Plate)

- **New Polyanthemos**
  - Silvery green leaves on sturdy stems.

**Eucalyptus pulverulenta**

- **Baby Blue**
  - A smaller-leafed version of the Silver Dollar cinerea, well-suited for mixed bouquets.

**ECHINACEA**  
See Perennials.

**Eustoma**  
See Lisianthus. Also see Potted Plants (Lisianthus).
FLOWERING KALE
Brassica oleracea (Ornamental Kale)

Condor F: Series
Height: 25 to 30 in. (64 to 76 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
  • Red
  • White

Crane F: 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 Lighter color than Rose.
  • Red
  • Rose
  • White

Crane Feather F: 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 Red stems.

New Crane Ruffle F: Series
Height: 25 to 36 in. (64 to 91 cm)
New fringed leaf type in the Crane series. Features a vigorous plant habit, so growers can easily secure the plant height/stem length.
  • Bicolor Slightly shorter than the others.
  • Red

Empire Series
Height: 36 in. (91 cm)
Uniform flowering with more stem length. Fast crop, can plant 1-2 weeks later. Hard leaf structure requires less fungicide.
  • Agathana White, round.
  • Alexander White, round.
  • Anna White, round.
  • Antonina White, round.
  • Arina White, wavy.
  • Bogdana Rosy-red, fringed.
  • Katinka Deep pink, fringed.
  • Katya Deep pink, fringed.
  • Ksenia Pink, fringed.
  • Kysia Pink, fringed.
  • Luba Coral, round.
  • Olga Rose, round.

Flare Series
Height: 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 Pure white center is ideal for dyeing.

Lucir F: Series
Height: Varies by variety
Features long-lasting, shiny leaves and long, single stems ideal for arrangements.
  • Rose Grows 25 to 30 in. (64 to 76 cm) tall.
  • White Grows 30 to 36 in. (76 to 89 cm) tall.

Flowering Kale seed is tested for seedborne diseases according to the International Seed Health Initiative (ISHI) guidelines.
GODETIA

Also see Annuals.

Godeta grandiflora (Clarkia)

Grace Series

Height: 30 in. (76 cm)
Each lateral branch produces a cluster of five to six beautiful 2-in. (5-cm) blossoms. Average 15 stems per plant.
• Lavender
• Red
• Rose Pink
• Salmon
• Shell Pink
• White
• Mix May contain most or all colors in the series.

GOMPHOCARPUS

Gomphocarpus physocarpus (syn. Asclepias physocarpa) (Balloon Cottonbush)

Hairy Balls

Height: 47 in. (119 cm)
Crop Time: Gallon or field grown, 17 to 18.5 weeks
Light green, round, inflated fruits with soft spikes top long, arching stems. Well-suited to butterfly gardens.

GOMPHRENA

Also see Annuals.

Gomphrena haageana

Crop Time: 18 weeks
QIS Series

Height: 24 to 26 in. (61 to 66 cm)
A PanAmerican Seed® Product.
• Carmine
• Lilac
• Orange
• Purple
• Red
• Mix May contain most or all colors in the series.

Gomphrena pulchella

Fireworks

Height: 36 to 48 in. (91 to 122 cm)
A PanAmerican Seed® Product. Available as Ball Premier Line® seed.
Crop Time: 18 weeks
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.

GYPSOPHILA

Gypsophila muralis (Baby’s Breath)

Covent White

Height: 24 in. (61 cm)
Clouds of tiny white flowers.

HELIANTHUS

See Sunflower.

Also see Annuals (Sunflower) and Potted Plants (Sunflower).

HELICHRYSUM

Helichrysum bracteatum (Strawflower)

Monstrosum Series

Height: 36 in. (91 cm)
Large, tall, fully double blooms on strong stems.
• Bright Pink
• Copper Red
• Golden Yellow
• Lemon Yellow
• Orange
• Purple Bicolor
• Rose
• Salmon
• Scarlet
• Silvery Rose
• White
• Tall Mix May contain most or all colors in the series.

Fire Ball

Height: 30 to 40 in. (76 to 102 cm)
Bright red. The freeblooming strawflower is good for border color and excellent for drying.

LARKSPUR

Also see Delphinium and Perennials (Delphinium).

Consolida ambigua (Delphinium)

QIS Series

Height: 30 to 48 in. (76 to 122 cm)
Uniform color and stem quality.
• Carmine
• Dark Blue
• Light Blue
• Light Pink
• Lilac
• Rose
• White

Delphinium consolida (Delphinium)

Imperial Giants Series

Height: 36 to 48 in. (91 to 122 cm)
The standard strain used for fresh cut and dried flower arrangements.
• Blue Spire Deep blue.
• Brilliant Rose
• Carmine King
• Lilac Spire
• Los Angeles Salmon.
• Pink Perfection
• White King
• Mix May contain most or all colors in the series.
LEPIDIUM

*Lepidium* spp.  (Cress)

**Green Dragon**

Height: 36 in. (91 cm)

Improved strain with flowers covering longer stretch of stems. Fuller, wider, flowers on stems with less foliage. Longer vase life.

LIMONIUM

*Limonium perezii* (Statice)

**Sea Foam**

Height: 24 in. (61 cm)

Graceful stems are topped with lacy violet-lavender florets.

*Limonium sinuata* (Statice)

**QIS Series**

Height: 30 to 35 in. (76 to 89 cm)

- Apricot
- Dark Blue
- Pale Blue
- Rose
- White
- Yellow
- **New Mix Improved** Includes Dark Blue, Pale Blue, Rose, White and Yellow.

**Seeker Series**

Height: 24 to 40 in. (61 to 102 cm)

Unbeatable uniformity in flowering and height. Flowers are true to color.

- Blue
- Light Yellow
- Pastel Blue
- Purple
- Rose Shades
- White
- Yellow
- **Mix** May contain most or all colors in the series.

LISIANTHUS  Also see Potted Plants.

**Eustoma grandiflorum**  (Double-Flowered Lisianthus, Texas Blue Bell)

**NOTE:** 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).

**ABC™ F1 Series**

Height: 36 to 45 in. (91 to 114 cm)

*A PanAmerican Seed® Product.*

Available as Ball Premier Line® seed.

Outstanding double flower form with high petal counts.

- 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 F1 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

**Arosa Series**

Height: 36 in. (91 cm)

Available as Ball Premier Line® seed.

Features beautiful, double rose-shaped flowers on sturdy stems.

- 1 Lilac
- 1 Pink
- 1 Sky Blue
- 1 White
- 2 Green
- 2 Light Pink
- 2 Peach
- 2 Pretty
- 2 Silver Lavender
- 2 Wine
- 2 Yellow
- 3 Angel
- 3 Blue
- 3 Blue Picotee
- 3 Champagne
- 3 Fairy
- 3 Pure White
- 3 Red
- 3 Violet
- 3 Wine Flash
- 4 Blue
- 4 Blue Picotee
- 4 Pure White
- 4 Yellow
Blue Chateau
Height: 30 to 33 in. (76 to 84 cm)
Available as Ball Premier Line® seed.
Distinctive color combined with a mid-size double flower makes an eye-catching bouquet.

Bolero F1 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

Can Can F1 Series
Height: 36 to 45 in. (91 to 114 cm)
A PanAmerican Seed® Product.
Available as Ball Premier Line® seed.
Can Can Lisianthus has medium, double flowers with a top-flowering habit ideal for use in bouquets. It is a group 2-2.5, later-flowering series.
- New Carmine Rose A deep, rich rose.
- Purple

Celeb Series
Height: 30 in. (76 cm)
Available as Ball Premier Line® seed.
Huge blooms with strong, wavy, ruffled petals. Double flowers. Strong stems hold the flowers upright.
- 1 Aurora Pink
- 1 New 1 Beige Neo
- 1 Lavender
- 1 Rouge
- 1 Sakura Pink
- 1 Vanilla
- 1 Violet
- 2 Blue Flash
- 2 Cosmetic
- 2 Crystal
- 2 Extra Pink
- 2 Gold
- 2 Grape
- 2 Green
- 2 Honey Pink
- 2 Lovely Pink
- 2 Madonna
- 2 Metallic Blue
- 2 Milky
- 2 Mint Green
- 2 Misty Pink
- 2 Navy
- 2 Orchid
- 2 Pretty
- 2 Queen
- 2 Snow
- 2 Swan
- 2 Turn Blue
- 2 Turn Red
- 2 White
- 2 Wine
- 2 Yellow
- 3 Green
- 3 Green Max
- 3 Raspberry

Celebrich F1 Series
Height: 31 to 39 in. (79 to 99 cm)
Available as Ball Premier Line® seed.
Large double flowers with fringed, curly petals. Top branching with large flower buds make it superb for bouquet usage. Excellent vase life.
- 2 Delft Blue
- 2 Lavender
- 2 Light Lavender
- 2 Light Pink
- 2 White
- 3 Apricot
- 3 Blue
- 3 Light Pink
- 3 Peach
- 3 Rose
- 3 Yellow

Doublini F1 Series
Height: 26 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
- White

Echo F1 Series
Height: 26 to 34 in. (66 to 86 cm)
Available as Ball Premier Line® seed.
All double, large-flowered lisianthus for cut flower production. Flower stalks are strong and easily support the large flowers.
- Blue
- Champagne Peach center, rose edges.
- Lavender
- Pink
- Pink Picotee
- Pure White
- Purple
- Yellow

Esprit Series
Height: 36 in. (91 cm)
Available as Ball Premier Line® seed.
Medium-sized, double flowers with wavy fringes.
- 1 Green
- 1 Light Pink

Excalibur F1 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

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DOUBLE-FLOWERP LISIANTHUS
continued

Flare F 1 Series
Height: 36 to 45 in. (91 to 114 cm)
Available as Ball Premier Line® seed.
Every stem looks like a bouquet, without
any pinching.
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.
Medium flowering speed.
• Deep Blue
• Deep Rose
• Jade
• White
• Yellow

Grace 1 Lavender
Height: 27 to 33 in. (69 to 84 cm)
Available as Ball Premier Line® seed.
Large-flowered lisianthus makes an
excellent cut flower.

Mariachi F 1 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
• New Light Pink
• Lime Green
• Misty Blue
• White with frosty blue streaks
• Misty Pink
• White with frosty pink streaks
• Pink
• Pink Picotee
• Pure White
• Yellow

Megalo Series
Height: 8 in. (20 cm)
Available as Ball Premier Line® seed.
A compact-growing series with
medium-to-large flowers available in
many colors.
• 1 Blue Flash
• 1 Boy
• 1 Cherry
• 1 Lime
• 1 Pink
• 1 Propose
• 1 Snow
• 1 White
• 1 Yellow
• 2 Blue Picotee
• 2 Champagne
• 2 Deep Orange
• 2 Navel
• 2 Pink Picotee
• 2 White
• 2 Yellow
• 3 Blue Flash
• 3 Blue Picotee
• 3 Blue Picotee Max
• 3 Blue Rim
• 3 Lavender
• 3 Mega White
• 3 Orchid
• 3 Pink Edge
• 3 Pink Flash
• 3 Pink Picotee
• 3 Pink Pop
• 3 Pink Rim
• 3 Snow
• 3 Violet
• 3 Wisteria
• 4 Violet

Pics Series
Height: 28 to 31 in. (71 to 79 cm)
Available as Ball Premier Line® seed.
A tall cut flower with multiple blooms.
• 2 Blue
• 2 Pink
• 2 Red

Prime 3 White
Height: 30 in. (76 cm)
Available as Ball Premier Line® seed.
A tall white cut flower with multiple
bell-shaped blooms.

Purple Flamingo F 1 Series
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 F 1 Series
Height: 36 to 48 in. (91 to 122 cm)
Available as Ball Premier Line® seed.
Very unique flower colors, excellent vase
life and more usable flower buds highlight
this series. Strong flowers with thick petals
and top flowering reduce Botrytis problems
during shipping.
• 1 Black Pearl
• 1 New 2 Green
• 3 Brown

Rosita F 1 Series
Height: 30 to 36 in. (76 to 91 cm)
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
Sabrina Series  
**Height:** 30 to 33 in. (76 to 84 cm)  
Available as Ball Premier Line® seed.  
Medium-sized double blooms in bold colors.  
• 1 Mango  
• 1 Orange  

Super Magic F1 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  

Voyage 2 F1 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  
• **New First Love**  
• Green  
• Lavender  
• Light Apricot  
• Pink  
• White  
• Yellow  

New Voyage 3 Champagne F1 Series  
**Height:** 24 to 36 in. (61 to 91 cm)  
Available as Ball Premier Line® seed.  
Group 3 variety has large, gorgeous champagne blooms with a higher petal count than Voyage 2, and it withstands the rigors of shipping with strong petals.  

Wedding Series  
**Height:** 33 to 37 in. (84 to 94 cm)  
Available as Ball Premier Line® seed.  
Beautiful white flowers with soft fringe.  
• 2 Cake  
• New 2 Kiss  

Little Summer Series  
Available as Ball Premier Line® seed.  
This semi-double, small-flowered series features very sturdy petals and lots of flowers at the top of the stem.  
• 1 Gold  
• 1 Orange  
• 1 Princess  
• 1 Yellow  
• 2 Deep Pink  
• 3 White  

**MARIGOLD (AFRICAN)**  
*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  

**Nosento Limegreen**  
**Height:** 28 in. (71 cm)  
Available as Ball Premier Line® seed.  
The first tall white hybrid marigold specially bred for professional cut flower production.  

**Xochi® Orange**  
**Height:** 24 in. (61 cm)  
*A PanAmerican Seed® product.*  
A great option for Summer and Fall cut flower programs; Xochi delivers stronger stems and richer colors than competing varieties. Xochi means “flower” or “princess of flowers” and is a shortened version of Xochitl, an ancient Aztec word used in Spanish today, most commonly in Mexico. Xochi offers the uniformity, good shipability and durability to meet the increasing consumer demand for Dia de los Muertos and Halloween celebrations; good for use in bouquets and grower bunches.  

Set up recap reports for upcoming orders to help you with planning.
**MATRICARIA**

Tanacetum parthenium (Feverfew)

**Tetra White Wonder**  
**Height:** 28 to 36 in. (71 to 91 cm)  
Fully double blooms uniformly fill the top of the plant, making it a very productive cut flower. Blooms are pure white with citrus-yellow to lime-green centers.

**Vegmo Series**  
**Height:** 28 to 36 in. (71 to 91 cm)  
*A PanAmerican Seed® Product. Available as Ball Premier Line® seed.*  
Fast year-round crop with good uniform stems. Popular filler flower with good post-harvest life.  
- Single  
- Snowball Extra  
- Sunny Ball  
- Yellow

**MATTHIOLA**

Matthiola incana (Stock)

**Canneto White**  
**Height:** 31 to 35 in. (79 to 89 cm)  
About 90% double flowers. Dense flower spikes with sturdy stems. Early flowering.

**Spray Stock Extra-Early Flowering Tunnel Type**

**Chanter Series**  
**Height:** 32 in. (81 cm)  
Well-branched spray stock with strong stems. Slightly later than some other commercial sprays but dense and nicely tapered form of spikes.  
- Apricot  
- Blue  
- Cherry  
- Lavender  
- Pink  
- Pure White  
- White

**Matthiola Extra-Early-Flowering Tunnel Or Field-Grown Type**

**Katz Series**  
**Height:** 32 in. (81 cm)  
*A PanAmerican Seed® Product.*  
Katz Matthiola will produce approximately 50% double-flowering plants. It requires less cold during bud formation.  
- Apricot  
- Blue  
- Bright Rose  
- Cherry Blossom  
- Crimson  
- Lavender Blue  
- Light Lavender  
- Pink  
- Purple  
- Ruby  
- White  
- Yellow

**Katz Hi Double White**  
**Height:** 32 in. (81 cm)  
*A PanAmerican Seed® Product.*  
Katz Hi Double Matthiola will produce approximately 90% double-flowering plants. It requires less cold during bud formation.

**Northern Greenhouse Selectable Type**

**Tosca Series**  
**Height:** 24 to 32 in. (61 to 81 cm)  
*A PanAmerican Seed® Product.*  
Good series to grow in Summer with higher light levels and temperatures.  
- Blue Sea  
- Rose  
- White  
- Yellow
MILLET (ORNAMENTAL) See Annuals.

MOLUCCELLA

Moluccella laevis

Bells of Ireland

Height: 24 to 32 in. (61 to 81 cm)
Unusual spires of green, bell formed blooms can be used fresh or dried, and add interest to mixed bouquets.

NIGELLA

Nigella damascena (Love-in-a-Mist)

Albion Series

Height: 12 to 24 in. (30 to 61 cm)
Long-stemmed. Cut from July to September.
- Black Pod
- Green Pod

Nigella papillosa (Love-in-a-Mist)

Cramers Plum

Height: 18 to 24 in. (46 to 61 cm)
White flowers are followed by beautiful, russet-colored pods that are more of a reddish/purple color when dry.

Miss Jekyll Series

Height: 18 in. (46 cm)
Beautiful and easy to grow.
- Dark Blue
- Rose
- White
- Mix Rose, sky blue, dark blue and crystalline white.

PANICUM

Panicum capillare (Witchgrass)

Frosted Explosion

Height: 24 to 30 in. (61 to 76 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; daylight 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.

PEPPER (ORNAMENTAL)

Also see Potted Plants.

Capsicum annuum

On Top Candles Series

Height: 10 to 15 in. (25 to 38 cm)
Peppers are produced in clusters and ripen at the same time, giving texture to Fall bouquets.
- Black
- Orange
- Orange Medium
- Purple Medium
- Red
- Yellow

PTILOTUS

Ptilotus exaltatus

New Matilda ApeX

Height: 20 to 32 in. (51 to 81 cm)
Available as Ball Premier Line® seed.
Sun and heat-loving beauty has a long vase life.

SCABIOSA

Also see Perennials.

Scabiosa atropurpurea (Old Maid’s Pincushion)

QIS Series

Height: 32 to 36 in. (81 to 91 cm)
Available as Ball Premier Line® seed.
A large-flowered annual with strong stems.
- Black Purple
- Dark Blue
- Deep Red
- Salmon Pink
- Scarlet
- White
- Mix May contain most or all colors in the series.

Scabiosa caucasia (Pincushion Flower)

Fama Series

Height: 20 to 23 in. (51 to 58 cm)
Available as Ball Premier Line® seed.
Large flowers with strong stems and green, textured leaves.
- Deep Blue
- White Non-fading pure white.

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

**Antirrhinum majus**

**Chantilly Series**
Height: 36 to 40 in. (91 to 102 cm)
Vigorous, high-performing plants produce dramatic, sturdy stems of huge, open-face, butterfly-type, lightly scented flowers in designer colors.
- Bronze
- Cream Yellow
- Deep Orange
- Light Pink
- Light Salmon
- Pink
- Purple
- Velvet
- White
- Yellow
- Mix May contain most or all colors in the series.

**Cool F₁ Series**
Height: 39 to 60 in. (99 to 152 cm)
*A PanAmerican Seed® Product.*
Available as Ball Premier Line® seed.
Cool is a group 1 snapdragon best for short daylength, low light intensity and temperatures of 40-50°F (7-10°C).
- Crimson
- Orange
- Orange Bicolor Unique color—orange with yellow bee and white tube.
- Pink
- Rose
- White
- Yellow

**Early Potomac™ F₁ Series**
Height: 39 to 60 in. (99 to 152 cm)
*A PanAmerican Seed® Product.*
Available as Ball Premier Line® seed.
Early Potomac is a group 3 snapdragon best for moderate daylength, moderate to high light levels and temperatures of 55-60°F (13-16°C).
- Orange Light golden bronze.
- Pink
- Rose
- White
- Yellow

**Exquisite Series**
Height: 47 to 55 in. (119 to 140 cm)
Available as Ball Premier Line® seed.
Group 3 series.
- Dark Rose
- Golden Yellow
- Orange
- Orange Sunset Light orange.

**Glorious Series**
Height: 40 to 50 in. (102 to 127 cm)
Available as Ball Premier Line® seed.
Group 1-2 series.
- Coral Bronzy coral pink.
- Dark Red Rich wine red.
- Orange
- Red
- Rose Pink
- White
- Yellow

**Legend F₁ Series**
Height: 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 shippability and vase life.
- Light Pink
- Light Yellow
- Pink
- White
- Yellow

**Madame Butterfly Series**
Height: 26 to 36 in. (66 to 91 cm)
Double petals create full, fluffy blooms with a Victorian look. Excellent cut flower.
- Bronze
- Bronze Cherry
- Bronze White
- Ivory
- Pink
- Red
- Rose
- Yellow
- Mix All colors in the series.
Maryland F₁ Series
Height: 39 to 60 in. (99 to 152 cm)
A PanAmerican Seed® Product.
Maryland is a group 2 snapdragon best for short days, moderate light levels and temperatures of 50-55°F (10-13°C).
• Appleblossom
• Bright Yellow
• Dark Orange
• Flamingo Bright salmon-rose.
• Ivory White
• Lavender
• Orange
• Plum blossom White with light purple.
• Red
• Rose
• Royal
• Shell Pink Clear pink with white tube.
• True Pink
• White
• Yosemite Pink Darker than True Pink.

Monaco F₁ Series
Height: 32 to 60 in. (81 to 152 cm)
A PanAmerican Seed® Product.
Available as Ball Premier Line® seed.
• Baltimore Rose Deep rose.
• Early Bronze III
• Early White III
• Fresh White III/IV
• Lavender III
• New Pink III
• Red III/IV
• White III/IV
• Yellow III

Overture II Series
Height: 39 to 60 in. (99 to 152 cm)
Available as Ball Premier Line® seed.
• Appleblossom III/IV
• Early Bronze III
• Early White III
• Fresh White III/IV
• Lavender III
• New Pink III
• Red III/IV
• White III/IV
• Yellow III

Potomac™ F₁ Series
Height: 39 to 60 in. (99 to 152 cm)
A PanAmerican Seed® Product.
Potomac is a group 4 snapdragon best for long days, high light and temperatures greater than 60°F (16°C).
• Appleblossom White and rose bicolor.
• Cherry Red Darker than Rose.
• Crimson
• Dark Orange
• Dark Pink
• Lavender
• Orange
• Pink
• Red
• Royal
• White
• Yellow

Purple Twist F₁
Height: 39 to 60 in. (99 to 152 cm)
A PanAmerican Seed® Product.
Available as Ball Premier Line® seed.
• Bronze All-America Selections Winner.
• Golden All-America Selections Winner.
• Orchid All-America Selections Winner.
• Pink All-America Selections Winner.
• Rose Shades All-America Selections Winner.
• White All-America Selections Winner.
• Mix May contain most or all colors in the series.

SOLANUM
Solanum integrifolium
(Ornamental Eggplant)

Pumpkin On A Stick
Height: 36 to 48 in. (91 to 122 cm)
A must for Fall decorating! The well-branched, upright plants have strong woody stems and very large leaves that protect the developing clusters of fruit from sun. Pale green fruit appear in late Summer and mature to bright, deep scarlet and finally orange.

STATICE See Limonium.

STOCK
See Matthiola. Also see Annuals.
SUNFLOWER  Also see Annuals.

Helianthus annuus

DWARF SUNFLOWER  See Potted Plants.

INTERMEDIATE SUNFLOWER  (3 TO 6 FT/91 TO 152 CM)

Double Sunking

Height: 48 to 96 in. (122 to 244 cm)
Available exclusively through Ball Seed®.
Available as Ball Premier Line® seed.
Double golden yellow blooms with light faces on branched stems. 70 days.

Marley

Height: 24 to 36 in. (61 to 91 cm)
Available exclusively through Ball Seed®.
Available as Ball Premier Line® seed.
Bicolor purple and orange heads with dark faces on single stems. 55 to 65 days.

Premier F₁ Series

Height: 48 to 60 in. (122 to 152 cm)
Available as Ball Premier Line® seed.
Tall, single stem flowers with dark faces. Extra-early, pollen-free sunflower features attractive flowers with velvety, black centers. Tall, non-branching plant habit allows for more efficient cut flower processing. 45 to 55 days.

• Lemon  Bright yellow.
• Light Yellow  Creamy yellow.
• Orange  Golden orange.

Ruby Eclipse

Height: 48 to 66 in. (122 to 168 cm)
Available as Ball Premier Line® seed.
One of the fastest-flowering varieties. Blooms are a mix of bicolor flowers in shades of cream, dusty-rose and ruby-red. 55 to 66 days.

New Solano Deep Orange F₁

Height: 39 to 71 in. (99 to 180 cm)
Available as Ball Premier Line® seed.
Very large, pollen-free flowers have a strong, intense orange color and deep black center. 56 days.

Sunbright Supreme F₁

Height: 48 to 60 in. (122 to 152 cm)
Available as Ball Premier Line® seed.
Pollenless, bright yellow flowers have a large, dark brown center. Earlier and more uniform than Sunbright. 70 days.

Sunrich F₁ Series

Height: 36 to 60 in. (91 to 152 cm)
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. 60 to 66 days.
• Gold  Green face matures to golden orange.
• Gold 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.
• 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 and long vase life.

Vincent’s F₁ Series

Height: 48 to 60 in. (122 to 152 cm)
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. 55 days.

• Vincent’s Choice  Deep orange petals with a brown center.
• Vincent’s Choice DMR (Reintroduction)  Features downy mildew resistance.
• Vincent’s Fresh  Green center.

Ziggy Yellow Brown Bicolor

Height: 48 in. (122 cm)
Available exclusively through Ball 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.
Knee High Mix F₁
Height: 60 to 75 in. (152 to 190 cm)
Available as Ball Premier Line® seed.
Pollenless, golden yellow blooms with dark brown centers.

Double Quick Orange F₁
Height: 60 in. (152 cm)
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. 63 days.

Full Sun F₁
Height: 72 in. (183 cm)
Available as Ball Premier Line® seed.
Classic, golden yellow blooms are 6 to 8 in. (15 to 20 cm) wide. 65 to 75 days.

Orit F₁
Height: 60 to 75 in. (152 to 190 cm)
Available as Ball Premier Line® seed.
Pollenless, golden yellow petals with dark brown centers. 65 to 80 days.

Pro Cut F₁ Series
Height: 60 to 72 in. (152 to 183 cm)
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.
- Bicolor Red and orange. 50 to 60 days.
- Bicolor DMR Downy mildew resistance. 45 to 50 days.
- Brilliance Unique petal color — yellow on outside intensifies to orange near the dark center. 55 days.
- Gold Lite DMR Features downy mildew resistance. 50 to 55 days.
- Lemon Bright yellow. 55 to 65 days.
- Orange 50 days.
- Orange DMR Features downy mildew resistance. 52 to 62 days.
- Orange Excel Fusion of deep orange color on upright, single-stemmed flowers. 50 days.
- Orange Horizon Upward-facing blooms feature overlapping orange petals and a dark center disk. 50 to 56 days.
- Plum 60 to 65 days.
- Red 55 days.
- Red Lemon Bicolor Red and yellow. 50 to 60 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.

Soleado Max F₁
Height: 60 to 72 in. (152 to 183 cm)
Available as Ball Premier Line® seed. Daylength neutral. Deep orange upfacing flowers and a good vase life. 50 to 60 days.

Sunbright F₁
Height: 66 to 84 in. (168 to 213 cm)
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. 50 days.

Sun-Fill Series
Height: 60 to 72 in. (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. 50 to 55 days.
- Green
- Purple

Sunshine Max F₁
Height: 60 to 72 in. (152 to 183 cm)
Available as Ball Premier Line® seed. Performs well under short days. Deep orange up-facing flowers and a good vase life. 65 to 65 days.

SWEET PEA Also see Annuals.

Lathyrus odoratus

Knee High Mix
Height: 24 to 30 in. (61 to 76 cm)
Colorful bush-type mix is good for cut flower gardens.

Mammoth Series
Height: 60 to 84 in. (152 to 213 cm)
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.

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**

*Tanacetum parthenium*

**Baya White**
- **Height:** 24 to 32 in. (61 to 81 cm)
- **Available as Ball Premier Line® seed.**
- Popular variety joins the lineup to deliver many first-quality, uniform stems with attractive blooms, better disease resistance and the 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.

**Trachelium**

*Trachelium caeruleum (Throatwort)*

**Corine Series**
- **Height:** 30 in. (76 cm)
- **Available as Ball Premier Line® seed.**
- Excellent for greenhouse production in early and late seasons. Also does well outdoors in warm weather.
  - Light Blue
  - Lilac
  - Misty
  - Purple
  - Red
  - White

**New Lake Series**
- **Height:** 30 to 42 in. (76 to 107 cm)
- **A PanAmerican Seed® Product.**
- **Available as Ball Premier Line® seed.**
- The Lake collection from seed offers simplified ordering and production. Lake varieties produce large central flower umbels with small satellites.
  - Lake Forest Purple
  - Lake Michigan Blue
  - Lake Michigan Purple
  - Lake Michigan Violet
  - Lake Michigan White

**New Supreme Early White**
- **Height:** 30 to 36 in. (76 to 91 cm)
- **Available as Ball Premier Line® seed.**
- Stem has a large central cluster of star-shaped flowers surrounded by several smaller umbels on side branches.

**Zinnia**

*Zinnia elegans*

**Benary’s Giant Series**
- **Height:** 40 in. (102 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
  - Coral
  - Deep Red
  - Golden Yellow
  - Lilac
  - Lime
  - Orange
  - Purple
  - Salmon Rose
  - Scarlet
  - White
  - Wine
- **Mix** May contain most or all colors in the series.

**Cut & Come Again Mix**
- **Height:** 18 to 24 in. (46 to 61 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.

**Giant Dahlia Mix**
- **Height:** 36 in. (91 cm)
- Double-flowered, 3.5 to 4 in. (9 to 10-cm) blooms on long, sturdy stems. A mix of yellows, roses, scarlet, green, orange, pink, red, purple and coral.

**Oklahoma Mix**
- **Height:** 30 to 40 in. (76 to 102 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. (46 to 61 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
  - Lime Blotch
  - Lime Red
  - Maroon bicolor — maroon petals tipped with lime green.
  - Pure Orange

**Queeny F1 Series**
- **Height:** 18 to 24 in. (46 to 61 cm)
- **Award-winning, one-of-a-kind color.**
- Show-stopping colors! The long-lasting, 2 to 4 in. (5 to 10-cm), dahlia-like blooms sit atop sturdy, compact plants.
  - New Lemon Peach
  - Lime Orange
  - All-America Selections Winner.

**Zinderella Series**
- **Height:** 24 to 30 in. (61 to 76 cm)
- Scabiosa-flowered, robust plants. Excellent for cutting.
  - Lilac
  - Lavender and pink with a dark eye.
  - Orange
  - Peach
  - Ruby orange with a dark eye.
  - Purple
  - Red
# NEW VEGETABLES

## FOR 2023-2024

### 1 EXCEPTIONAL BALL SEED® EXCLUSIVE

<table>
<thead>
<tr>
<th>Vegetable</th>
<th>Code</th>
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<tbody>
<tr>
<td>Tomato Early Girl Plus</td>
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### 4 AWESOME ALL-AMERICA SELECTIONS WINNERS

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Pepper Quickfire F1</td>
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<tr>
<td>Tomato Pink Delicious</td>
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<tr>
<td>Tomato Purple Zebra F1</td>
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<tr>
<td>Tomato Sunset Torch F1</td>
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### 1 TASTY HERB

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<tbody>
<tr>
<td>Basil Crimson King</td>
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### A PHENOMENAL COLLECTION OF FRESH VEGGIES

<table>
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<tr>
<td>Arugula Dragon's Fire</td>
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<td>Bean Derby</td>
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<tr>
<td>Broccoli Burgundy</td>
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<td>Broccoli Centennial</td>
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<td>Broccoli Dynasty</td>
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<td>Broccoli Empire</td>
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<td>Brussels Sprouts Silvia F1</td>
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<td>Cabbage Stellar Vantage</td>
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<td>Cabbage Xtreme Vantage</td>
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<tr>
<td>Cucumber Mini-Me</td>
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<td>Cucumber Summer Dance</td>
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<td>Cucumber Telegraph Improved</td>
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<tr>
<td>Gourd Birdhouse Martinhouse</td>
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<td>Gourd Hoargarth</td>
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<tr>
<td>Gourd Large Apple</td>
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<td>Gourd Speckled Swan</td>
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<td>Lettuce Regency 2.0</td>
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<tr>
<td>Onion Yosemite</td>
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<tr>
<td>Pepper Aleppo</td>
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<td>Pepper Chaak</td>
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<td>Pepper Lone Ranger</td>
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<td>Pepper Megatron</td>
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<td>Pepper Mercer</td>
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<td>Pepper Mocha Swirl F1</td>
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<td>Pepper Pathfinder</td>
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<td>Pepper Revolution II</td>
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<td>Pepper Spinning Tops</td>
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<tr>
<td>Pepper Trailblazer F1</td>
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<tr>
<td>Pumpkin Big Deal</td>
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<tr>
<td>Pumpkin Hulk</td>
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<tr>
<td>Pumpkin Skidoo Gold</td>
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<tr>
<td>Spinach Countryside F1</td>
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<td>Spinach Darkside</td>
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<td>Squash Chiffon F1</td>
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<tr>
<td>Tomato Indigo™ O.P. Blue Berries</td>
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<td>Tomato Better Boy Plus F1</td>
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<td>Tomato Big Beef Plus F1</td>
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<td>Tomato BlushingStar F1</td>
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<td>Tomato Laguna Red</td>
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<td>Tomato Lemon Boy Plus F1</td>
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<td>Tomato Mountain Man</td>
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<td>Tomato Rambler</td>
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<td>Tomato Raspberry Drop F1</td>
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<td>Tomato Sun Dipper F1</td>
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<tr>
<td>Tomato Thunderbird</td>
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</table>
All varieties supplied as seed are sold by seed count.

- **ARTICHOKE**

<table>
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<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Days Notes</th>
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<tbody>
<tr>
<td>Green Globe</td>
<td>9,900 Perennial</td>
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<td></td>
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<tr>
<td>Imperial Star</td>
<td>10,800</td>
<td>150</td>
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- **ARUGULA**

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<tbody>
<tr>
<td>New Dragon's Fire</td>
<td>1,170,000</td>
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- **ASPARAGUS**

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<tr>
<td>UC 157-F2</td>
<td>25,800 Perennial</td>
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- **BEAN**

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<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Pod Size</th>
<th>Pod Color</th>
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</thead>
<tbody>
<tr>
<td>Blue Lake Bush</td>
<td>1,300 56 6 in. (15 cm)</td>
<td>Green</td>
<td></td>
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</tr>
<tr>
<td>Blue Lake Pole</td>
<td>1,800 60 6 in. (15 cm)</td>
<td>Green</td>
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<td></td>
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<tr>
<td>Caprice</td>
<td>1,800 60 5.5-6 in. (14-15 cm)</td>
<td>Medium-dark green</td>
<td></td>
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<tr>
<td>New Derby</td>
<td>1,300 57 7 in. (18 cm)</td>
<td>Green</td>
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<tr>
<td>Gold 'N Green Mix II</td>
<td>1,800 55 4.5-5.5 in. (11-14 cm)</td>
<td>Green/gold</td>
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<tr>
<td>Kentucky Wonder</td>
<td>1,300 58 8 in. (20 cm)</td>
<td>Green</td>
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<td>Mascotte</td>
<td>3,100 50 6 in. (15 cm)</td>
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<tr>
<td>Outlaw</td>
<td>1,800 57 5.2 in. (13 cm)</td>
<td>Medium-dark green</td>
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<tr>
<td>Serpedor</td>
<td>1,300 65 6 in. (15 cm)</td>
<td>Yellow</td>
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<td>Valentino</td>
<td>1,800 56 5.3 in. (13 cm)</td>
<td>Medium-dark green</td>
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</tbody>
</table>

- **New**

- **Imperial Star**

- **Green Globe**

- **Valentino Bean**

- **Gold 'N Green Mix II**

- **Outlaw Bean**

- **Serpedor Bean**

- **Mascotte**

- **Kentucky Wonder**

- **Blue Lake Bush**

- **Blue Lake Pole**

- **Caprice**

- **New Derby**

- **Gold 'N Green Mix II**

- **Outlaw**

- **Serpedor**

- **Valentino**

- **All vegetable varieties perform best in full-sun conditions.**

- **NEW Dragon’s Fire Arugula**

- **Imperial Star Artichoke**

- **Valentino Bean**

- **Outlaw Bean**

- **Serpedor Bean**
### BEAN continued

<table>
<thead>
<tr>
<th>Variety</th>
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<th>Pod Size</th>
<th>Pod Color</th>
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<tbody>
<tr>
<td>Velero</td>
<td>1,000</td>
<td>56</td>
<td>6 in. (15 cm)</td>
<td>Medium-dark green</td>
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<tr>
<td>Velour</td>
<td>2,700</td>
<td>55</td>
<td>5-6 in. (13-15 cm)</td>
<td>Dark purple</td>
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<tr>
<td>Victor F1</td>
<td>2,200</td>
<td>55</td>
<td>5-6 in. (13-15 cm)</td>
<td>Gold</td>
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### BEET

<table>
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<tr>
<td>Bull’s Blood</td>
<td>27,200</td>
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<tr>
<td>Chioggia Guardsmark</td>
<td>47,000</td>
<td>60</td>
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<tr>
<td>Fresh Start F1</td>
<td>26,300</td>
<td>25-35</td>
</tr>
<tr>
<td>Merlin F1</td>
<td>35,200</td>
<td>85-90</td>
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<tr>
<td>Rainbow Mix II</td>
<td>44,000</td>
<td>55</td>
</tr>
<tr>
<td>Touchstone Gold</td>
<td>49,700</td>
<td>85-90</td>
</tr>
</tbody>
</table>

**Velour Bean**: Romano-type bean sets pods high on upright plants. Plants yield pods with high-quality interiors and excellent flavor. High resistance to bean mosaic virus and curly top virus.

**Velour**: Stringless dwarf French bean has eye-catching purple pods along with great taste and texture. Compact bush habit. Good resistance to common bean diseases.

**Victor F1**: Compact, easy-to-harvest plants produce absolutely stringless, extra-fine, straight pods. High Resistance to bean mosaic virus and Anthracnose.

**Avalanche**: Quick and easy to grow, and a real taste 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 2.75 to 3 in. (7 to 8 cm) and enjoy raw or cooked. Proven less incidence of hollow stem. All-America Selections Winner.

**Bull’s Blood**: Heirloom variety. Harvest dark red-purple foliage in 35 days for baby leaf tops. Best for ornamental use.

**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.

**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.

**Merlin F1**: Higher sugar content (12-15%) 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.

**Rainbow Mix II**: Stunning mix includes 5 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.

**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.
**Artwork 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 Winner.**

**New Burgundy** First-ever whole head purple sprouting broccoli. Completely edible and tender throughout. Very uniform and holds color well.

**New Centennial** Centennial plants are early and medium-sized with large, smooth, small-beaded heads. The stems are long with minimal side shoots. Excellent fresh or frozen.

**Destiny F1** This mid-early, compact, heat-tolerant broccoli variety features medium-small green beads, a smooth dome and a round shape. A flavorful source of Vitamins A and C. Suited for Fall harvest when planted in Summer.

**New Dynasty** Mid-late maturing broccoli variety with smaller, lower leaf attachments to aid with ease of harvests. Medium plant size with smooth, well dome-shaped, medium-green heads that are anthocyanin free. High yielding and harvests uniformly. Excellent fresh or frozen.

**Emerald Crown F1** Medium-maturing, very uniform, heavy-headed, domed variety with small beads on a small-framed plant. Resists purpling.

**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.

**New Empire** A high-domed, smooth head with great weight and deep emerald color. The large, tightly packed heads are best used as whole crowns.

**Green Magic F1** Summer-to-Fall broccoli has semi-domed, tight heads with medium-small beads and good plant habit. Widely adaptable.

**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.

**Marathon** Industry standard is uniform and high-domed with small beads and heavy heads.

**Monflor** Florets separate with just one cut for quick kitchen prep. Bred for a flat, loose head with separated small florets on long stems.

**Waltham** Compact with many side shoots. Best for late Summer/Fall harvest.
### BRUSSELS SPROUTS

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jade Cross F1</td>
<td>118,000</td>
<td>90</td>
<td>Vigorous, extra-early variety produces medium-firm, deep green, 1-in. (3-cm) sprouts with excellent flavor. Tolerates heat stress.</td>
</tr>
<tr>
<td>Long Island Green</td>
<td>146,000</td>
<td>90</td>
<td>Stocky, semi-dwarf plants produce lots of tasty green sprouts on short, self-supporting stems. Heirloom variety.</td>
</tr>
<tr>
<td>New Silvia F1</td>
<td>81,000</td>
<td>100-105</td>
<td>Early maturing compact plants. The green sprouts are tightly packed with 40-50 sprouts per stalk. Excellent roasted, sauteed or steamed.</td>
</tr>
</tbody>
</table>

### HYBRID CABBAGE

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Weight</th>
<th>Color</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Big Flat Head F1</td>
<td>89,000</td>
<td>80-85</td>
<td>5-7 lb.</td>
<td>Green</td>
<td>Flat specialty cabbage produces sweet, tender heads with a very short core and less dense interior for easy slicing and shredding.</td>
</tr>
<tr>
<td>Headstart F1</td>
<td>83,000</td>
<td>60-70</td>
<td>3.5 lb.</td>
<td>Green</td>
<td>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.</td>
</tr>
<tr>
<td>Katarina F1</td>
<td>74,000</td>
<td>59</td>
<td>2-3 lb.</td>
<td>Green</td>
<td>A white cabbage variety in the Golden Ace 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 Winner.</td>
</tr>
<tr>
<td>Platinum Dynasty F1</td>
<td>94,000</td>
<td>75</td>
<td>4.4 lb.</td>
<td>Green</td>
<td>Dome-shaped heads are highly uniform. High Resistance to Fusarium. Long field-holding ability.</td>
</tr>
<tr>
<td>Primo Vantage F1</td>
<td>90,000</td>
<td>75</td>
<td>4-4.5 lb.</td>
<td>Dark green</td>
<td>Excellent uniformity, holding ability and a short core. Mid-early maturity with great flavor. Juicy, tender and sweet. Has performed well in the East, West and Desert Southwest. Resistance to Fusarium yellows race 1.</td>
</tr>
<tr>
<td>Red Jewel F1</td>
<td>108,000</td>
<td>75-80</td>
<td>3-5 lb.</td>
<td>Red</td>
<td>High-yielding variety matures early and uniformly. Round deep red heads have a short core.</td>
</tr>
<tr>
<td>Ruby Ball F1</td>
<td>127,000</td>
<td>65</td>
<td>3-4 lb.</td>
<td>Red</td>
<td>Early-maturing, deep red cabbage is sweet tasting and attractive. Firm, round head resists splitting, tolerates both cold and heat, holds in the field a long time and stores well after harvest. Excellent cooked or raw in salads. All-America Selections Winner.</td>
</tr>
<tr>
<td>Ruby Perfection F1</td>
<td>120,000</td>
<td>80</td>
<td>2-3 lb.</td>
<td>Deep red</td>
<td>Slow to bolt.</td>
</tr>
<tr>
<td>Savoy Ace F1</td>
<td>112,000</td>
<td>80</td>
<td>3.5 lb.</td>
<td>Deep green</td>
<td>Available as Ball Premier Line® seed. Early savoy type has globe-shaped heads with fine leaves. Moderate cold tolerance. Recommended for Fall to Winter harvest. Good holding, widely adapted. All-America Selections Winner.</td>
</tr>
<tr>
<td>Savoy Alcosa F1</td>
<td>75,000</td>
<td>62</td>
<td>2-4 lb.</td>
<td>Blue-green</td>
<td>Earliest savoy makes small, dense, crinkled heads with thin, yellow interior leaves. Compact plants are good in small-space gardens for Spring and early Summer production.</td>
</tr>
<tr>
<td>New Stellar Vantage</td>
<td>124,100</td>
<td>85</td>
<td>4.5 lb.</td>
<td>Green</td>
<td>This variety has mid-late maturity with nice, dense heads and short cores. Resistant to Fusarium yellows race 1 and has Intermediate Resistance to Black Rot.</td>
</tr>
<tr>
<td>Stonehead F1</td>
<td>97,000</td>
<td>50</td>
<td>2-2.2 lb.</td>
<td>Green</td>
<td>Nearly round heads have excellent holding. Yellows resistant. All-America Selections Winner.</td>
</tr>
</tbody>
</table>
**HYBRID CABBAGE** continued

<table>
<thead>
<tr>
<th>Variety</th>
<th>Seed Count/lb.</th>
<th>Days</th>
<th>Weight</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Xtreme Vantage</strong></td>
<td>101,500</td>
<td>75-80</td>
<td>6 lb. (2.7 kg)</td>
<td>Blue-green</td>
</tr>
<tr>
<td><strong>Zenzon F1</strong></td>
<td>104,800</td>
<td>130-135</td>
<td>9-9.5 lb. (4.1-4.3 kg)</td>
<td>Light green</td>
</tr>
</tbody>
</table>

**HYBRID CHINESE CABBAGE**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Seed Count/lb.</th>
<th>Days</th>
<th>Weight</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Blues F1</strong></td>
<td>137,000</td>
<td>57</td>
<td>4.5 lb. (2 kg)</td>
<td>Medium green, white ribs</td>
</tr>
<tr>
<td><strong>China King F1</strong></td>
<td>142,000</td>
<td>55-80</td>
<td>2 lb. (0.9 kg)</td>
<td>Green</td>
</tr>
</tbody>
</table>

**NON-HYBRID CABBAGE**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Seed Count/lb.</th>
<th>Days</th>
<th>Weight</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cheers F1</strong></td>
<td>103,000</td>
<td>75</td>
<td>5 lb. (2.3 kg)</td>
<td>Blue-green</td>
</tr>
<tr>
<td><strong>Early Jersey Wakefield F1</strong></td>
<td>110,000</td>
<td>60-75</td>
<td>2-4 lb. (0.9-1.8 kg)</td>
<td>Dark green</td>
</tr>
<tr>
<td><strong>Fast Vantage</strong></td>
<td>112,000</td>
<td>59</td>
<td>2.5 lb. (1.1 kg)</td>
<td>Medium green</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>
<td>Light green</td>
</tr>
<tr>
<td><strong>Golden Cross F1</strong></td>
<td>97,000</td>
<td>40</td>
<td>2.2 lb. (1 kg)</td>
<td>Blue-green</td>
</tr>
<tr>
<td><strong>Late Flat Dutch F1</strong></td>
<td>130,000</td>
<td>100</td>
<td>10-15 lb. (4.5-6.8 kg)</td>
<td>Blue-green</td>
</tr>
<tr>
<td><strong>Sweet Slaw</strong></td>
<td>157,000</td>
<td>65</td>
<td>2-2.2 lb. (0.9-1 kg)</td>
<td>Green</td>
</tr>
<tr>
<td><strong>Sweet Thang</strong></td>
<td>128,000</td>
<td>65</td>
<td>Non-heading</td>
<td>Green</td>
</tr>
</tbody>
</table>

*Available exclusively through Ball Seed®.*
**CARROT**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Harlequin Mix F1</strong></td>
<td>360,000</td>
<td>70</td>
<td></td>
</tr>
<tr>
<td><strong>Malbec F1</strong></td>
<td>206,000</td>
<td>60-70</td>
<td></td>
</tr>
<tr>
<td><strong>Orangeblaze F1</strong></td>
<td>270,000</td>
<td>68</td>
<td></td>
</tr>
</tbody>
</table>

**Description:**
- **Harlequin Mix F1**: Eye-catching Nantes type produces a mix of colors, including purple, white, orange, and yellow, each with a slightly different flavor.
- **Malbec F1**: Available as Ball Premier Line seed. Red imperator carrot for main season production. Strong, smooth, uniform 10-in. (25-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.
- **Orangeblaze F1**: 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.

**CAULIFLOWER**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Amazing</strong></td>
<td>95,000</td>
<td>75</td>
<td>White</td>
</tr>
<tr>
<td><strong>Cheddar</strong></td>
<td>93,000</td>
<td>80-84</td>
<td>Yellow-orange</td>
</tr>
<tr>
<td><strong>Clementine</strong></td>
<td>132,500</td>
<td>67</td>
<td>Deep Orange</td>
</tr>
<tr>
<td><strong>Depurple</strong></td>
<td>95,300</td>
<td>80-100</td>
<td>Purple</td>
</tr>
<tr>
<td><strong>Flame Star</strong></td>
<td>119,000</td>
<td>55-60</td>
<td>Pastel orange</td>
</tr>
<tr>
<td><strong>Graffiti F1</strong></td>
<td>88,000</td>
<td>80-90</td>
<td>Purple</td>
</tr>
<tr>
<td><strong>Minuteman F1</strong></td>
<td>133,000</td>
<td>65-70</td>
<td>White</td>
</tr>
</tbody>
</table>

**Description:**
- **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.
- **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.
- **Clementine**: Eye-catching deep orange curds have a mild, sweet and nutty flavor. Curds hold their color well when cooked.
- **Depurple**: The lavender-hued curds on this variety bring a unique look to salads and satisfy nutrition seekers with added antioxidants that give Depurple its color.
- **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.
- **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.
- **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.

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

<table>
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<th>Days</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi Head White F₁</td>
<td>114,000</td>
<td>75</td>
<td>White</td>
</tr>
<tr>
<td>Self Blanche</td>
<td>116,000</td>
<td>65</td>
<td>White</td>
</tr>
<tr>
<td>Snow Crown F₁</td>
<td>89,000</td>
<td>70</td>
<td>White</td>
</tr>
<tr>
<td>Steady F₁</td>
<td>113,000</td>
<td>94</td>
<td>White</td>
</tr>
<tr>
<td>Twister F₁</td>
<td>143,000</td>
<td>75-80</td>
<td>White</td>
</tr>
<tr>
<td>Veronica F₁</td>
<td>99,000</td>
<td>77</td>
<td>Lime green</td>
</tr>
</tbody>
</table>

- **Multi Head White F₁**: Easily branches with multiple heads per plant. Small leaves. Never turns bitter in the sun.
- **Self Blanche**: Pure white heads are well-shaped and fine-textured.
- **Snow Crown F₁**: Vigorous grower. Good for fresh/frozen use. All-America Selections Winner.
- **Steady F₁**: 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.
- **Twister F₁**: 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).
- **Veronica F₁**: "Italian" type produces very symmetrical and spiraled, lime green heads with tightly beaded, pointed, 6-in. (15-cm) domes. Useful raw, cooked or pickled, with a milder, sweeter flavor than standard cauliflower. Holds its vibrant color even when cooked. Excellent heat tolerance.

---

**CELERIAC**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rowena</td>
<td>1,098,200</td>
<td>106</td>
</tr>
</tbody>
</table>

- **Rowena Available as Ball Premier Line® seed**: Smooth, round roots have great flavor and texture. Strong, dark green foliage. Stores very well.

---

**CELERY**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tango</td>
<td>1,009,600</td>
<td>80</td>
</tr>
</tbody>
</table>

- **Tango Available as Ball Premier Line® seed**: Early, very heavy yielder with extremely smooth stalks. Excellent eating quality – tender, sweet and not stringy.
COLLARDS

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Flash F1</strong> Early, very uniform Vates-type has smooth, dark green leaves on open, upright plants. Very slow to bolt, with repeated harvests.</td>
<td>79,000</td>
<td>75</td>
<td></td>
</tr>
<tr>
<td><strong>Georgia</strong> Popular high-yielding variety produces tender, moist greens on non-heading, 30 to 36-in. (75 to 90-cm) plants.</td>
<td>133,000</td>
<td>80</td>
<td></td>
</tr>
<tr>
<td><strong>Morris Heading</strong> 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>159,000</td>
<td>75</td>
<td></td>
</tr>
<tr>
<td><strong>Top Bunch 2.0 F1</strong> 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>76,000</td>
<td>71</td>
<td></td>
</tr>
<tr>
<td><strong>Vates</strong> A classic collard with flattened, deep green leaves and a sweet, satisfying flavor.</td>
<td>122,000</td>
<td>75</td>
<td></td>
</tr>
</tbody>
</table>

SWEET CORN

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Length</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>American Dream F1</strong> Offers superb eating quality, a very tender kernel and outstanding flavor. Strong, clean 6-ft. (1.8-m) plants hold their ears at 26 in. (66 cm) and have Intermediate Resistance to Northern Corn Leaf Blight. Isolation required. All-America Selections Winner.</td>
<td>2,700</td>
<td>78</td>
<td>7.5 in. (19 cm)</td>
</tr>
<tr>
<td><strong>Devotion White F1</strong> Ideal option for the grower searching for a high-quality white corn hybrid with both a nice husk package and superb eating quality. Tender and super sweet.</td>
<td>3,600</td>
<td>82</td>
<td>11 in. (28 cm)</td>
</tr>
<tr>
<td><strong>Honey ‘N Pearl F1</strong> Early-maturing, tender bicolor. All-America Selections Winner.</td>
<td>2,700</td>
<td>76</td>
<td>9 in. (23 cm)</td>
</tr>
<tr>
<td><strong>Jubilee F1</strong> Very sweet, large-yielding.</td>
<td>2,200</td>
<td>87</td>
<td>8.5-9 in. (22-23 cm)</td>
</tr>
<tr>
<td><strong>Obsession F1</strong> One of the most tender and delicious bicolor varieties you can grow.</td>
<td>3,500</td>
<td>81</td>
<td>8.5 in. (22 cm)</td>
</tr>
<tr>
<td><strong>Silver Queen F1</strong> Popular late-season variety produces large, 8 to 9 in. (20 to 23-cm) long ears, with 14 to 16 rows of white kernels; plants grow to 8 ft. (2 m).</td>
<td>2,700</td>
<td>92</td>
<td>8-9 in. (20-23 cm)</td>
</tr>
</tbody>
</table>

ORNAMENTAL SWEET CORN

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Length</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Glass Gems</strong> Kernels are in a wide range of translucent, multicolored shades. The ears and stalks are great for ornamental use; the kernels may be used to make popcorn or ground into cornmeal for tortillas.</td>
<td>2,700</td>
<td>110-120</td>
<td>3-8 in. (8-20 cm)</td>
</tr>
</tbody>
</table>
CUCUMBER

Types:
M: Monococious 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>BURPLESS CUCUMBER</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burpless Supreme F1</td>
<td>19,500</td>
<td>55</td>
<td>G</td>
<td>7.5 in. (19 cm)</td>
</tr>
<tr>
<td>New Summer Dance</td>
<td>18,400</td>
<td>55</td>
<td>M</td>
<td>9 in. (23 cm)</td>
</tr>
<tr>
<td>Summer Top</td>
<td>18,600</td>
<td>40</td>
<td>M</td>
<td>8 in. (20 cm)</td>
</tr>
<tr>
<td>Sweet Success F1</td>
<td>13,100</td>
<td>54</td>
<td>G</td>
<td>12 in. (30 cm)</td>
</tr>
<tr>
<td>Tasty Green</td>
<td>15,000</td>
<td>60</td>
<td>M</td>
<td>9 in. (23 cm)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PICKLING CUCUMBER</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bush Pickle</td>
<td>16,300</td>
<td>54</td>
<td>M</td>
<td>4.5 in. (10-13 cm)</td>
</tr>
<tr>
<td>Corentine</td>
<td>17,250</td>
<td>45</td>
<td>M</td>
<td>4.6 in. (10-15 cm)</td>
</tr>
<tr>
<td>Eureka F1</td>
<td>18,600</td>
<td>57</td>
<td>M</td>
<td>3-5 in. (8-13 cm)</td>
</tr>
<tr>
<td>GherKing F1</td>
<td>21,700</td>
<td>55-60</td>
<td>G</td>
<td>3-5 in. (8-13 cm)</td>
</tr>
<tr>
<td>Homemade Pickles</td>
<td>18,100</td>
<td>60-65</td>
<td>M</td>
<td>5-6 in. (13-15 cm)</td>
</tr>
<tr>
<td>Parisian Gherkin</td>
<td>20,400</td>
<td>50</td>
<td>M</td>
<td>2-4 in. (6-10 cm)</td>
</tr>
<tr>
<td>Petipikel F1</td>
<td>15,800</td>
<td>60</td>
<td>M</td>
<td>4-5 in. (10-15 cm)</td>
</tr>
<tr>
<td>Pick A Bushel F1</td>
<td>18,100</td>
<td>50</td>
<td>M</td>
<td>3-6 in. (8-15 cm)</td>
</tr>
</tbody>
</table>

**NEW Summer Dance Cucumber**
Glossy, deep-green 9 in. fruits are packed with sparkling refreshment. Japanese burpless variety grows like crazy, sending out numerous lateral vines for high yields. High Resistance to downy mildew and powdery mildew; tolerant to heat stress.

**Tasty Green Cucumber**
Smooth, dark green fruit. Very compact and productive Japanese-type.
<table>
<thead>
<tr>
<th>Variety</th>
<th>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><strong>Patio Snacker F1</strong></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></td>
<td>17,200</td>
<td>60</td>
<td>M</td>
<td>8 in. (20 cm)</td>
</tr>
<tr>
<td><strong>Salad Bush F1</strong></td>
<td>14,000</td>
<td>57</td>
<td>M</td>
<td>8 in. (20 cm)</td>
</tr>
<tr>
<td><strong>Saladmore Bush F1</strong></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></td>
<td>14,900</td>
<td>63</td>
<td>G</td>
<td>8.5 in. (22 cm)</td>
</tr>
<tr>
<td><strong>Spacemaster</strong></td>
<td>17,700</td>
<td>56</td>
<td>M</td>
<td>8 in. (20 cm)</td>
</tr>
<tr>
<td><strong>Straight Eight</strong></td>
<td>18,100</td>
<td>63</td>
<td>M</td>
<td>7-8 in. (18-20 cm)</td>
</tr>
<tr>
<td><strong>New Telegraph Improved</strong></td>
<td>18,600</td>
<td>60</td>
<td>M</td>
<td>10-18 in. (25-46 cm)</td>
</tr>
</tbody>
</table>
**SPECIALTY 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>Armenian Heirloom</td>
<td>13,600</td>
<td>60</td>
<td>M</td>
<td>12-18 in. (30-46 cm)</td>
</tr>
<tr>
<td>Green Light F1</td>
<td>17,200</td>
<td>37-42</td>
<td>G</td>
<td>3.5 in. (9 cm)</td>
</tr>
<tr>
<td>Mexican Sour Gherkin</td>
<td>169,000</td>
<td>60-70</td>
<td>M</td>
<td>1 in. (3 cm)</td>
</tr>
<tr>
<td>New Mini-Me</td>
<td>24,900</td>
<td>45</td>
<td>M</td>
<td>3-3.5 in. (8-9 cm)</td>
</tr>
</tbody>
</table>

**EDIBLE POTTED PLANTS**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Size</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adobo</td>
<td>4.5 x 1 in.</td>
<td>Light green to red</td>
</tr>
<tr>
<td>Cosmo</td>
<td>2 x 0.75 in.</td>
<td>Purple to red</td>
</tr>
<tr>
<td>Fresh Bites</td>
<td>2.25 x 1.25 in.</td>
<td>Varies by variety</td>
</tr>
<tr>
<td>Hot Burrito</td>
<td>4 x 0.75 in.</td>
<td>Light green to red</td>
</tr>
<tr>
<td>Hot Fajita</td>
<td>4 x 0.5 in.</td>
<td>Light green to red</td>
</tr>
<tr>
<td>Hot Joker</td>
<td>4 x 0.5 in.</td>
<td>Light green to red</td>
</tr>
<tr>
<td>Hot Lemon Zest</td>
<td>1 x 5 in.</td>
<td>Green to yellow</td>
</tr>
<tr>
<td>Piñata</td>
<td>2.25 x 0.3 in.</td>
<td>Light green to red</td>
</tr>
<tr>
<td>Tamale</td>
<td>2 x 0.75 in.</td>
<td>Green to red</td>
</tr>
<tr>
<td>Taquito</td>
<td>1.5 x 0.3 in.</td>
<td>Green to red</td>
</tr>
</tbody>
</table>

The Kitchen Minis® collection includes potted vegetable plants consumers can grow inside on a sunny windowsill or counter without a garden!
EDIBLE POTTED PLANTS continued

<table>
<thead>
<tr>
<th>TOMATO</th>
<th>Size</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocoa F1</td>
<td>A PanAmerican Seed® Product. Best suited to 4 to 6-in. (10 to 15-cm) pots.</td>
<td>0.5-1 x 0.5-1 in. (1-3 x 1-3 cm)</td>
</tr>
<tr>
<td>Red Velvet F1</td>
<td>A PanAmerican Seed® Product. Best suited to 4 to 6-in. (10 to 15-cm) pots.</td>
<td>0.5-1 x 0.5-1 in. (1-3 x 1-3 cm)</td>
</tr>
<tr>
<td>Siam F1</td>
<td>A PanAmerican Seed® Product. Best suited to 6 to 8-in. (15 to 20-cm) pots.</td>
<td>0.5-1 x 0.5-1 in. (1-3 x 1-3 cm)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EGGPLANT</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Fruit Shape</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asian Delite F1</td>
<td>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>50-55</td>
<td>Elongated</td>
</tr>
<tr>
<td>Black Beauty</td>
<td>Available as Ball Premier Line® seed. 24 to 28-in. (61 to 71-cm) plants.</td>
<td>103,000</td>
<td>82</td>
<td>Oval</td>
</tr>
<tr>
<td>Classic F1</td>
<td>Available as Ball Premier Line® seed. Glossy, 8 to 9-in. (20 to 23-cm) fruit. 76 days to maturity; teardrop fruit shape; purple-black color.</td>
<td>112,000</td>
<td>76</td>
<td>Teardrop</td>
</tr>
<tr>
<td>Fairy Tale F1</td>
<td>A PanAmerican Seed® Product. Available as Ball Premier Line® seed. Clusters of 3 to 5, sweet, bitterfree fruit up to 2 weeks earlier than others. 18 to 24-in. (46 to 61-cm) plants; good for small spaces and containers. All-America Selections Winner.</td>
<td>142,000</td>
<td>55</td>
<td>Teardrop</td>
</tr>
<tr>
<td>Gretel F1</td>
<td>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 Winner.</td>
<td>131,000</td>
<td>55-60</td>
<td>Elongated</td>
</tr>
<tr>
<td>Hansel F1</td>
<td>A PanAmerican Seed® Product. Available as Ball Premier Line® seed. Early-maturing, highly productive variety produces clusters of glossy black-purple eggplants. Non-bitter, tender fruit can be used in many culinary recipes. Like white Gretel, the petite, 3-ft. (91-cm) plants can be grown in-ground or in large containers, with or without support. All-America Selections Winner.</td>
<td>150,000</td>
<td>50-55</td>
<td>Elongated</td>
</tr>
<tr>
<td>Little Fingers</td>
<td>Available as Ball Premier Line® seed. Slim, 6 to 8-in. (15 to 20-cm) fruit in clusters of 3 to 6. Spineless for easy picking. 68 days to maturity. Asian fruit shape; dark purple color.</td>
<td>123,000</td>
<td>68</td>
<td>Asian</td>
</tr>
<tr>
<td>Louisiana Long Green</td>
<td>Prolific plants bear 3 by 8-in. (8 x 20-cm) fruit with creamy white flesh and mild sweet flavor.</td>
<td>131,000</td>
<td>100</td>
<td>Asian</td>
</tr>
<tr>
<td>Patio Baby F1</td>
<td>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.</td>
<td>85,000</td>
<td>40-45</td>
<td>Egg</td>
</tr>
<tr>
<td>Pot Black</td>
<td>Small, glossy 2 to 3-oz. (57 to 85-g) fruits are as attractive as they are tasty. Bushy, compact plants are perfect for containers and in-ground gardens.</td>
<td>112,000</td>
<td>58-62</td>
<td>Oval</td>
</tr>
</tbody>
</table>
### 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>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</td>
<td>96,000</td>
<td>50</td>
<td>Oval</td>
<td>Purple-black</td>
</tr>
<tr>
<td>Shikou F1</td>
<td>92,900</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>

### 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>

### GOURD

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Birdhouse Martinhouse</td>
<td>3,600</td>
<td>100</td>
</tr>
<tr>
<td>New Hoargarth</td>
<td>5,300</td>
<td>90</td>
</tr>
<tr>
<td>New Large Apple</td>
<td>2,400</td>
<td>120</td>
</tr>
<tr>
<td>New Speckled Swan</td>
<td>2,200</td>
<td>100</td>
</tr>
</tbody>
</table>

### SIMPLYHERBS™ COLLECTION

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>SimplyHerbs Try Basil (Ocimum basilicum)</td>
<td>8,600</td>
</tr>
<tr>
<td>SimplyHerbs Oregano (Origanum vulgare)</td>
<td>123,000</td>
</tr>
<tr>
<td>SimplyHerbs Rosemary (Rosmarinus officinalis)</td>
<td>5,600</td>
</tr>
<tr>
<td>SimplyHerbs Thyme (Thymus vulgaris)</td>
<td>65,000</td>
</tr>
</tbody>
</table>

---
All herbs are Patio Produce varieties – ideal for use in containers and small-space gardens.

<table>
<thead>
<tr>
<th>Name</th>
<th>Species</th>
<th>Description</th>
<th>Approximate Seed Count/lb.</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basil Aristotle (Ocimum basilicum)</td>
<td>Small leafed, highly aromatic and disease resistant, with a neat, rounded habit – looks as good as it tastes. Performs well even in poor weather.</td>
<td>376,000</td>
<td>10 in. (25 cm)</td>
<td></td>
</tr>
<tr>
<td>Basil Boxwood (Ocimum basilicum)</td>
<td>A Ball Ingenuity™ product, available exclusively through Ball Seed®. Available as Ball Premier Line® seed. This compact, small-leaved herb makes a highly ornamental and fragrant edging or container. It’s great for pesto, too! Extremely bushy and productive, even on the hottest days.</td>
<td>182,000</td>
<td>10-12 in. (25 to 30 cm)</td>
<td></td>
</tr>
<tr>
<td>Basil Cardinal (Ocimum basilicum)</td>
<td>Tightly packed, cardinal red blooms top strong burgundy stems and smooth, dark green leaves. Vigorous. A beautiful ornamental and a tasty culinary herb.</td>
<td>243,000</td>
<td>24-30 in. (61 to 76 cm)</td>
<td></td>
</tr>
<tr>
<td>Basil Cinnamon (Ocimum basilicum)</td>
<td>Sweet cinnamon aroma. Flat dark green leaves, purple stems/flowers. Also a lovely ornamental.</td>
<td>330,000</td>
<td>24-36 in. (61 to 91 cm)</td>
<td></td>
</tr>
<tr>
<td>New Basil Crimson King (Ocimum basilicum)</td>
<td>Red Genovese type basil variety, bred for its uniform leaves and greater vigor than other red varieties. Excellent flavor.</td>
<td>113,600</td>
<td>18 in. (46 cm)</td>
<td></td>
</tr>
<tr>
<td>Basil Dolce Fresca (Ocimum basilicum)</td>
<td>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 Winner.</td>
<td>266,000</td>
<td>12-14 in. (30 to 36 cm)</td>
<td></td>
</tr>
<tr>
<td>Basil Everleaf Emerald Towers (Ocimum basilicum)</td>
<td>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.</td>
<td>178,000</td>
<td>24-36 in. (61 to 91 cm)</td>
<td></td>
</tr>
<tr>
<td>Basil Everleaf Genovese (Ocimum basilicum)</td>
<td>A PanAmerican Seed® Product. Flowers up to 8 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.</td>
<td>186,000</td>
<td>19-24 in. (46 to 61 cm)</td>
<td></td>
</tr>
<tr>
<td>Basil Everleaf Thai Towers (Ocimum basilicum)</td>
<td>A PanAmerican Seed® Product. Aromatic and vibrant licorice flavor complements any dish, especially Thai cuisine. Blends well when cooked in a curry, or chopped fresh on Pad Thai with a full licorice aroma. This well-branched Thai basil variety with huge harvest potential has masses of medium-green leaves with occasional purple flecks and soft purple stems. Makes a beautiful, towering plant that stays tidy in garden beds and containers.</td>
<td>217,400</td>
<td>24-36 in. (61 to 91 cm)</td>
<td></td>
</tr>
<tr>
<td>Basil Floral Spires Series (Ocimum basilicum)</td>
<td>Well-branched plants produce highly ornamental, sagelike flower spikes with a distinct cinnamon Thai basil scent.</td>
<td>Lavender: 307,000</td>
<td>10 in. (25 cm)</td>
<td></td>
</tr>
<tr>
<td>Basil Genovese Emily (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>394,000</td>
<td>12-18 in. (30 to 46 cm)</td>
<td></td>
</tr>
<tr>
<td>Basil Greek (Ocimum basilicum)</td>
<td>Sweet, miniature leaves on dense, mounded plants.</td>
<td>286,000</td>
<td>10 in. (25 cm)</td>
<td></td>
</tr>
<tr>
<td>Basil Italian Large Leaf (Ocimum basilicum)</td>
<td>This is THE authentic Neapolitan Basil for Italian cuisine, especially pesto. You can use it fresh or dried. This plant is a warrior in the garden, where it repels aphids, mites and tomato hornworms.</td>
<td>315,000</td>
<td>24-30 in. (61 to 76 cm)</td>
<td></td>
</tr>
</tbody>
</table>
## ANNUAL HERBS

<table>
<thead>
<tr>
<th>Herb Name</th>
<th>Approximate Seed Count/lb.</th>
<th>Height in Inches/CM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Basil Lettuce-Leafed</strong> (Ocimum basilicum)</td>
<td>265,000</td>
<td>16-20 in. (41 to 51 cm)</td>
</tr>
<tr>
<td><strong>Basil Newton</strong> (Ocimum basilicum)</td>
<td>283,000</td>
<td>12-20 in. (30 to 51 cm)</td>
</tr>
<tr>
<td><strong>Basil Purple Ball</strong> (Ocimum basilicum)</td>
<td>317,000</td>
<td>8-12 in. (20 to 30 cm)</td>
</tr>
<tr>
<td><strong>Basil Purple Ruffles</strong> (Ocimum basilicum)</td>
<td>322,000</td>
<td>18-24 in. (46 to 61 cm)</td>
</tr>
<tr>
<td><strong>Basil Red Rosie</strong> (Ocimum basilicum)</td>
<td>303,000</td>
<td>18 in. (46 cm)</td>
</tr>
<tr>
<td><strong>Basil Red Rubin</strong> (Ocimum basilicum)</td>
<td>322,300</td>
<td>18-24 in. (46 to 61 cm)</td>
</tr>
<tr>
<td><strong>Basil Rutgers DMR Series</strong> (Ocimum basilicum)</td>
<td>Devotion: 306,000 Obsession: 320,000 Passion: 255,000 Thunderstruck: 260,000</td>
<td>26 in. (66 cm)</td>
</tr>
<tr>
<td><strong>Basil Siam Queen</strong> (Ocimum basilicum)</td>
<td>357,000</td>
<td>24-36 in. (61 to 91 cm)</td>
</tr>
<tr>
<td><strong>Basil Spicy Globe</strong> (Ocimum basilicum)</td>
<td>349,000</td>
<td>8-10 in. (20 to 25 cm)</td>
</tr>
<tr>
<td><strong>Basil Super Sweet Genovese</strong> (Ocimum basilicum)</td>
<td>304,000</td>
<td>18-24 in. (46 to 61 cm)</td>
</tr>
<tr>
<td><strong>Basil Sweet Mammoth Ruffled</strong> (Ocimum basilicum)</td>
<td>268,000</td>
<td>18-24 in. (46 to 61 cm)</td>
</tr>
<tr>
<td><strong>Basil Sweet Nufar F1</strong> (Ocimum basilicum)</td>
<td>296,000</td>
<td>24-30 in. (61 to 76 cm)</td>
</tr>
<tr>
<td><strong>Basil Thai</strong> (Ocimum basilicum)</td>
<td>454,000</td>
<td>12-18 in. (30 to 46 cm)</td>
</tr>
<tr>
<td><strong>Borage Herb</strong> (Borago officinalis)</td>
<td>23,100</td>
<td>24 in. (61 cm)</td>
</tr>
</tbody>
</table>
Celery Peppermint Stick (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) stalk shade to green leaves with intense full flavor, and are useful for fresh seasoning all year. Long harvest season; holds color when cooked. Slow to bolt.

1,331,000 10-24 in. (25 to 61 cm)

Cilantro Santo (Coriandrum sativum) Available as Ball Premier Line® seed. One of the most popular fresh herbs, this cilantro is fast growing and slow to bolt, so you can harvest later into the season. Its unmistakable sharp scent and taste have made it the staple herb in salsa and other Mexican dishes.

36,000 12-24 in. (30 to 61 cm)

Coriander (Cilantro) F1 (Coriandrum sativum) Available as Ball Premier Line® seed. Pungent aroma. Use seed dried or ground.

42,000 18-24 in. (46 to 61 cm)

Culantro Ngo gai (Eryngium foetidum) Features a similar flavor to cilantro, although much stronger.

40,000 4-8 in. (10 to 20 cm)

Cumin (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.

135,000 6-12 in. (15 to 30 cm)

Dill Bouquet (Anethum graveolens) This herb has attractive, delicate fernlike foliage and is a multipurpose plant you can grow for seeds or foliage. Dill is a great addition to herb gardens or patio containers deeper than 10 in. (25 cm), in almost any climate. It has a strong flavor used often with fish, lamb, potatoes and even peas. It’s fast-growing and easy to maintain.

283,000 24-36 in. (61 to 91 cm)

Dill Dukat (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.

317,000 30-40 in. (76 to 102 cm)

Dill Fernleaf (Anethum graveolens) A PanAmerican Seed® Product. Excellent in the herb garden, and ideal for windowsill growing. Easy to grow. All-America Selections Winner.

208,000 12-15 in. (30 to 38 cm)

Parsley Forest Green (Petroselinum crispum) Dark green, triple-curled leaves.

308,700 8-12 in. (20 to 30 cm)

Parsley Italian Dark Single (Petroselinum crispum) This herb’s flat, deeply cut, dark green leaves are very flavorful and attractive. It grows well in sun or part shade, and adds texture to mixed containers.

225,000 16-18 in. (38 to 46 cm)

Parsley Italian Giant F1 (Petroselinum crispum) Large, flat, dark green leaves with unique flavor. Strong-stemmed, productive.

240,000 15-18 in. (38 to 46 cm)

Parsley Triple Curled (Petroselinum crispum) Curled, dark green leaves on compact plants.

265,000 12 in. (30 cm)

Savory Summer (Saturea hortensis) Popular for fresh or dried use. Peppery flavor adds spice to dishes.

799,000 12-20 in. (30 to 51 cm)

Stevia Sweet Leaf Available as Ball Premier Line® seed. (Stevia rebaudiana) The incredibly sweet leaves are an herbal alternative to sugar and are 30 times sweeter. Each bushy, high-yielding plant yields up to 0.5 lb. (227 g) of dried leaves. Also enjoyable when used fresh.

1,335,000 18-30 in. (46 to 76 cm)

Sweet Marjoram Available as Ball Premier Line® seed. (Origanum majorana) Use fresh or dried.

1,948,000 12-24 in. (30 to 61 cm)
**PERENNIAL HERBS**

All herbs are *Patio Produce* varieties – ideal for use in containers and small-space gardens.

<table>
<thead>
<tr>
<th>Herb</th>
<th>Approximate Seed Count/lb.</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catnip (<em>Nepeta cataria</em>)</td>
<td>778,000</td>
<td>3-9</td>
<td>36 in. (91 cm)</td>
</tr>
<tr>
<td>Chamomile German (<em>Matricaria chamomilla</em>) Available as Ball Premier Line® seed.</td>
<td>6,922,000</td>
<td>4-9</td>
<td>6-24 in. (15 to 61 cm)</td>
</tr>
<tr>
<td>Chives <em>Trifolium pratense</em></td>
<td>105,000</td>
<td>3-10</td>
<td>14-16 in. (36 to 41 cm)</td>
</tr>
<tr>
<td>Chives Garlic <em>Allium tuberosum</em> Available as Ball Premier Line® seed.</td>
<td>108,000</td>
<td>3-10</td>
<td>24-30 in. (61 to 76 cm)</td>
</tr>
<tr>
<td>Chives Onion Available as Ball Premier Line® seed. <em>Allium schoenoprasum</em></td>
<td>375,000</td>
<td>3-10</td>
<td>12-18 in. (30 to 46 cm)</td>
</tr>
<tr>
<td>Chives Quattro <em>Allium schoenoprasum</em></td>
<td>195,000</td>
<td>5</td>
<td>36 in. (91 cm)</td>
</tr>
<tr>
<td>Chives Staro <em>Allium schoenoprasum</em> Onion chives have a much thicker leaf than finer-leaved choices. Good for freezing, drying and fresh use.</td>
<td>303,000</td>
<td>3-10</td>
<td>12 in. (30 cm)</td>
</tr>
<tr>
<td>Lavender See Perennials, Page 151.</td>
<td>866,200</td>
<td></td>
<td>24 in. (61 cm)</td>
</tr>
<tr>
<td>Lemon Balm <em>Melissa officinalis</em> Compact and mounding plant habit; well-branched with finely lobed light green leaves. Highly aromatic lemon fragrance.</td>
<td>741,000</td>
<td>4-9</td>
<td>13 in. (33 cm)</td>
</tr>
<tr>
<td>Lemon Balm Available as Ball Premier Line® seed. <em>Melissa officinalis</em> Strong, lemon-scented foliage.</td>
<td>1,080,000</td>
<td>8-11</td>
<td>6-10 in. (15 to 25 cm)</td>
</tr>
<tr>
<td>Lemon Grass <em>Cymbopogon citratus</em> Available as Ball Premier Line® seed. 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.</td>
<td>5,002,000</td>
<td>5-9</td>
<td>14-24 in. (36-61 cm)</td>
</tr>
<tr>
<td>Mint Ornamental Mini Mint See Annuals, Page 62.</td>
<td>4,475,000</td>
<td>5-9</td>
<td>18-24 in. (46 to 61 cm)</td>
</tr>
<tr>
<td>Oregano Greek Available as Ball Premier Line® seed. <em>Origanum vulgare hirtum</em> Strong, spicy flavor. Dark green leaves. White flowers.</td>
<td>6,025,000</td>
<td>3-7</td>
<td>24 in. (61 cm)</td>
</tr>
<tr>
<td>Oregano Italian <em>Origanum x majoricum</em> Italian type. Use fresh or dried.</td>
<td>5,976,000</td>
<td>3-7</td>
<td>36 in. (91 cm)</td>
</tr>
<tr>
<td>Peppermint <em>Mentha x piperita</em> Low-growing and vigorous – do not place near slow-growing or weak-habited plants.</td>
<td>107,000</td>
<td>4-9</td>
<td>18-24 in. (46 to 61 cm)</td>
</tr>
<tr>
<td>Spearmint <em>Mentha spicata</em> Spearmint is best harvested as soon as you see it bloom. Use its flavorful leaves with vegetables and in any Summer drink, especially mojitos.</td>
<td>91,000</td>
<td>4-10</td>
<td>10-24 in. (25 to 61 cm)</td>
</tr>
<tr>
<td>Rosemary <em>Rosmarinus officinalis</em> Use leaves for cooking.</td>
<td>91,000</td>
<td>4-10</td>
<td>10-24 in. (25 to 61 cm)</td>
</tr>
<tr>
<td>Rue <em>Ruta graveolens</em> 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.</td>
<td>207,000</td>
<td>4-9</td>
<td>24-36 in. (61 to 91 cm)</td>
</tr>
</tbody>
</table>
**PERENNIAL HERBS continued**

<table>
<thead>
<tr>
<th>Herb</th>
<th>Approximate Seed Count/lb.</th>
<th>USDA Hardiness Zones</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sage</strong> (Salvia officinalis)</td>
<td>54,000</td>
<td>4-8</td>
<td>18-24 in. (46 to 61 cm)</td>
</tr>
<tr>
<td><strong>Tarragon Russian</strong> (Artemisia dracunculoides)</td>
<td>2,890,000</td>
<td>5-9</td>
<td>24 in. (61 cm)</td>
</tr>
<tr>
<td><strong>Thyme Summer</strong> (French) (Thymus vulgaris) Very aromatic, small, gray/green leaves. Tiny lilac flowers. Evergreen. Summer type is spicier than most other thymes.</td>
<td>1,922,000</td>
<td>4-8</td>
<td>12-18 in. (30 to 46 cm)</td>
</tr>
<tr>
<td><strong>Thyme Winter</strong> (English) (Thymus vulgaris) Less aromatic than Summer types. Can be used as a groundcover.</td>
<td>1,752,000</td>
<td>4-8</td>
<td>12-18 in. (30 to 46 cm)</td>
</tr>
</tbody>
</table>

**KALE**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Blue Ridge</strong> F1: 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><strong>Darkibor</strong> F1: Available as Ball Premier Line® seed. 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><strong>Dinosaur</strong> 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><strong>Prizm</strong> F1: 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 Winner.</td>
<td>130,000</td>
<td>50-60</td>
</tr>
<tr>
<td><strong>Red Russian</strong> 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><strong>Redbor</strong> F1: Very deep red-purple, frilly leaves; color/curling are enhanced by cold weather. Edible and ornamental variety. Baby stage: harvest at 28 days.</td>
<td>115,000</td>
<td>55</td>
</tr>
<tr>
<td><strong>Scarletbor</strong> 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</td>
</tr>
<tr>
<td><strong>SimplySalad® Kale Storm Mixture</strong> See Lettuce &amp; Salad Greens.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Snowbor</strong> F1: 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><strong>Starbor</strong> F1: 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><strong>Vates Blue Curled Scotch</strong> Blue-green leaf, finely curled, uniform. Tall, upright habit and sturdy stems. Ornamental edible that can be used as a garnish. Can harvest baby-sized fruit at 25-30 days.</td>
<td>135,000</td>
<td>50-60</td>
</tr>
<tr>
<td><strong>Winterbor</strong> F1: 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>

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All Kale, Flowering Kale, Pepper, Ornamental Pepper and Tomato seed has been tested for seedborne diseases according to the International Seed Health Initiative (ISHI) guidelines.
**KOHLRABI**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb</th>
<th>Days</th>
<th>Notes</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 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 F1</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</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</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>Butter King</td>
<td>497,000</td>
<td>60-65</td>
<td>Butterhead</td>
</tr>
<tr>
<td>Buttercrunch F1</td>
<td>434,000</td>
<td>65</td>
<td>Butterhead/Bibb</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 F1</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>Loosleaf</td>
</tr>
<tr>
<td>Parris Island Cos</td>
<td>420,000</td>
<td>50-80</td>
<td>Romaine</td>
</tr>
<tr>
<td>Raspberry Dressing Rumex</td>
<td>752,000</td>
<td>30</td>
<td>Rumex</td>
</tr>
<tr>
<td>Red Oak Leaf</td>
<td>597,000</td>
<td>50</td>
<td>Loosleaf</td>
</tr>
<tr>
<td>Variety</td>
<td>Approximate Seed Count/lb.</td>
<td>Days</td>
<td>Type</td>
</tr>
<tr>
<td>-------------------------</td>
<td>----------------------------</td>
<td>-------</td>
<td>----------</td>
</tr>
<tr>
<td>Red Salad Bowl</td>
<td>458,000</td>
<td>50</td>
<td>Looseleaf</td>
</tr>
<tr>
<td>New Regency 2.0 Lettuce</td>
<td>434,000</td>
<td>68-74</td>
<td>Iceberg</td>
</tr>
<tr>
<td>Salad Bowl Mix</td>
<td>591,000</td>
<td>45-60</td>
<td>Assorted</td>
</tr>
<tr>
<td>SimplySalad® Series</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Al fresco Mix</td>
<td>19,000</td>
<td>14-28</td>
<td>Assorted</td>
</tr>
<tr>
<td>Arugula</td>
<td>14,500</td>
<td>9,900</td>
<td></td>
</tr>
<tr>
<td>City Garden Mix</td>
<td>21,700</td>
<td>3,600</td>
<td></td>
</tr>
<tr>
<td>Global Gourmet Mix</td>
<td>16,700</td>
<td>3,100</td>
<td></td>
</tr>
<tr>
<td>Kale Storm Mix</td>
<td>19,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wonder Wok Mix</td>
<td>498,000</td>
<td>55</td>
<td>Looseleaf</td>
</tr>
<tr>
<td>Sweet Salad Blend</td>
<td>424,000</td>
<td>45-60</td>
<td>Assorted</td>
</tr>
<tr>
<td>Valley Heart</td>
<td>504,000</td>
<td>75</td>
<td>Romaine</td>
</tr>
</tbody>
</table>

**NEW** Regency 2.0 Lettuce

**SimplySalad™ Series** 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.

- **Alfresco Mix** Red and green leaf lettuces with arugula, endive and radicchio.
- **Arugula** Quick to establish, upright variety with a mix of lobes and smooth shapes – perfect for bunching. Features a mild, nutty flavor.
- **City Garden Mix** Traditional mix of red and green lettuces.
- **Global Gourmet Mix** Red and green leaf lettuces with spicy Asian greens.
- **Kale Storm Mix** 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.
- **Summer Picnic Mix** Heat-tolerant, all-lettuce mix includes red and green varieties.
- **Wonder Wok Mix** Asian greens including mustards, kale and bok choy.

**Simpson Elite Available as Ball Premier Line® seed.** Improved Black-Seeded Simpson; 30 to 40 days later to bolt. Long-holding, non-bitter flavor.

**Sweet Salad Blend** 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. Harvest baby-sized fruit at 28 days.

**Valley Heart** 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.

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

See where your orders are anywhere, anytime with the **FREE** WebTrack To Go® app.
<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ambrosia F1</td>
<td>Distinct peach color and heavy net with light structures. Juicy, tender and extra-sweet tasting.</td>
<td>16,700</td>
<td>80</td>
<td>Muskmelon</td>
<td>4 lb. (1.8 kg)</td>
</tr>
<tr>
<td>Aphrodite F1</td>
<td>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.</td>
<td>17,700</td>
<td>72</td>
<td>Cantaloupe</td>
<td>6.7 lb. (2.7-3.2 kg)</td>
</tr>
<tr>
<td>Atlantis F1</td>
<td>Eastern melon with round-oval shape is firm with dark orange flesh and high sugar content. Finely netted with shallow sutures.</td>
<td>14,500</td>
<td>74</td>
<td>Cantaloupe</td>
<td>4.6 lb. (1.8-2.7 kg)</td>
</tr>
<tr>
<td>Ball 2076 F1</td>
<td>A Ball Ingenuity™ product, available exclusively through Ball Seed®. About 1 week earlier to fruit and more disease resistant, Ball 2076 continues to boast a very sweet flavor; thick, orange flesh; and good performance in all areas. Heavily netted with slight sutures.</td>
<td>22,200</td>
<td>78</td>
<td>Muskmelon</td>
<td>5 lb. (2.3 kg)</td>
</tr>
<tr>
<td>Delicious</td>
<td>Orange fleshed. Roughly textured rind, sparse netting.</td>
<td>17,700</td>
<td>83</td>
<td>Muskmelon</td>
<td>2.5 lb. (1.1 kg)</td>
</tr>
<tr>
<td>Dulce Nectar F1</td>
<td>An early and late-season honeydew with a round-oval shape and dense, light green flesh with a medium-closed cavity.</td>
<td>10,800</td>
<td>70-80</td>
<td>Honeydew</td>
<td>5.6 lb. (2.3-2.7 kg)</td>
</tr>
<tr>
<td>Hale’s Best</td>
<td>Popular heirloom variety. High yields of flavorful, orange-fleshed fruit.</td>
<td>19,000</td>
<td>80</td>
<td>Muskmelon</td>
<td>3 lb. (1.4 kg)</td>
</tr>
<tr>
<td>Sugar Cube F1</td>
<td>Each plant produces multiple 4-in. (10-cm) fruits with very sweet, deep orange flesh. Features outstanding disease resistance and shelf life.</td>
<td>17,700</td>
<td>81</td>
<td>Cantaloupe</td>
<td>2 lb. (0.9 kg)</td>
</tr>
</tbody>
</table>
### MUSTARD

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Florida Broadleaf</td>
<td>Semi-upright, 16 to 22-in. (40 to 55-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.</td>
<td>229,000</td>
<td>40-60</td>
</tr>
<tr>
<td>Mizuna Miz America F1</td>
<td>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. Harvest at 20-25 days from direct sow.</td>
<td>227,000</td>
<td>20-25</td>
</tr>
<tr>
<td>Red Giant</td>
<td>Large, savoy-type leaves are deep purplish-red with white mid-rib. Vigorous plant grows 24 in. (61 cm) tall and wide. Harvest baby-sized fruit at 30 days.</td>
<td>284,000</td>
<td>70</td>
</tr>
<tr>
<td>Red-Streaked Mizuna</td>
<td>Produces very fine, frilled red leaves; dark red at very small stage. Adds a burst of color to any salad blend. Baby: 20 days.</td>
<td>338,000</td>
<td>45</td>
</tr>
<tr>
<td>Savanna F1</td>
<td>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. Harvest baby-sized fruit at 20 days.</td>
<td>168,000</td>
<td>40</td>
</tr>
<tr>
<td>Southern Giant Curled</td>
<td>Large, upright plants with crumpled leaves that have a delicious mustard taste; slow to bolt and very easy to grow.</td>
<td>282,300</td>
<td>50-70</td>
</tr>
</tbody>
</table>

### OKRA

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Candle Fire F1</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 Winner.</td>
<td>8,000</td>
<td>60</td>
</tr>
<tr>
<td>Clemson Spineless</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>
<td>56</td>
</tr>
<tr>
<td>Green Fingers F1</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>
<td>45-50</td>
</tr>
<tr>
<td>Jade</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>
<td>55</td>
</tr>
<tr>
<td>Jambalaya</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>
<td>50</td>
</tr>
</tbody>
</table>
### Bunching Onion

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Green Banner Bunching</strong></td>
<td>102,000</td>
<td>65-70</td>
</tr>
<tr>
<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></td>
<td></td>
</tr>
<tr>
<td><strong>Ishikura Bunching</strong></td>
<td>202,000</td>
<td>40-50</td>
</tr>
<tr>
<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></td>
<td></td>
</tr>
<tr>
<td><strong>Parade Bunching</strong></td>
<td>213,000</td>
<td>70</td>
</tr>
<tr>
<td>Vigorous and uniform, very upright variety is dark green with little or no bulbing and a mild flavor.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Red Baron Bunching</strong></td>
<td>107,000</td>
<td>65</td>
</tr>
<tr>
<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></td>
<td></td>
</tr>
<tr>
<td><strong>White Lisbon Bunching</strong></td>
<td>202,000</td>
<td>60</td>
</tr>
<tr>
<td>Long, mild green onion. Vigorous, easy to grow, day-neutral.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Day-Neutral Onion

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Candy F1</strong></td>
<td>102,000</td>
<td>85</td>
</tr>
<tr>
<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></td>
<td></td>
</tr>
<tr>
<td><strong>Sierra Blanca F1</strong></td>
<td>118,000</td>
<td>95</td>
</tr>
<tr>
<td>Early-maturing jumbo variety makes globe-shaped bulbs with very white and shiny scales; flesh is firm and showy white. Good bolt tolerance, resistant to pink root rot.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Heirloom (Long Day) Onion

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ruby Red</strong></td>
<td>90,000</td>
<td>120</td>
</tr>
<tr>
<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></td>
<td></td>
</tr>
</tbody>
</table>

### Intermediate Day Onion

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Yosemite</strong></td>
<td>88,900</td>
<td>105-110</td>
</tr>
<tr>
<td>This mid-day, globe-shaped onion produces jumbo to colossal-sized bulbs. Its several outer layers of vibrant brown skin provide good protection to the firm, white, single ring centers. Excellent uniformity and grower friendly. Intermediate Resistance to pink root rot.</td>
<td></td>
<td></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><strong>Red Carpet F1</strong></td>
<td>94,000</td>
<td>116</td>
</tr>
<tr>
<td>Deep red onion produces 3 to 4-in. (8 to 10-cm) bulbs with attractive magenta interior rings. Tight bulbs store extremely well.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Walla Walla Sweet</strong></td>
<td>116,000</td>
<td>125</td>
</tr>
<tr>
<td>Brown-skinned, mild, sweet. Grow as a Winter crop in the South; sow late Summer for June harvests.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>White Sweet Spanish</strong></td>
<td>115,000</td>
<td>110</td>
</tr>
<tr>
<td>Large, globe-shaped bulbs with white skin, fine flesh. Excellent flavor.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Yellow Sweet Spanish</strong></td>
<td>116,000</td>
<td>130</td>
</tr>
<tr>
<td>Large bulbs with medium-firm flesh, brownish yellow skin.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
NORTHERN (SHORT DAY) ONION

**White Grano**
Mild-flavored white onions; plants heartily produce large bulbs with low pungency.

Approximate Seed Count/lb. | Days
---|---
131,000 | 100

**Yellow Granex F1**
One of the sweetest, most versatile onions around, these large, yellow globes are packed with flavor.

Approximate Seed Count/lb. | Days
---|---
144,000 | 100

NORTHWEST (LONG DAY) ONION

**Red Nugent F1**
Red Nugent is a red hybrid with high yield potential that is highly adaptable for diverse soil types. It is larger in size and performs better than many other 105-day varieties. Early-maturity, long-day onion bred to perform in the sandy and clay loam soils of the Pacific Northwest of the United States. Good yield potential. Intermediate Resistance to basal rot and pink root.

Approximate Seed Count/lb. | Days
---|---
120,000 | 112

SOUTHEAST (SHORT DAY) ONION

**Red Duke F1**
A main season short-day red onion. Granex shape with early maturity. A deep attractive red color that is semi-resistant to sunburn. Vigorous disease resistant tops with a strong root system. A consistently good performer with pink root resistance and low pungency.

Approximate Seed Count/lb. | Days
---|---
127,000 | 120

PAK CHOI

**Bopak F1**
Great for small-space growing, compact plant matures up to 5 days before other varieties. Tender, dark green leaves and crisp, sweet white stalks are a tasty addition to Oriental recipes; leaves can also be enjoyed raw and hold their flavor even in warm weather. Harvest at baby size or grow to full 1.5 to 2-lb. (0.7 to 0.9-kg) heads. Bonus: it’s an attractive “thriller” for patio planters! All-America Selections Regional Winner.

Approximate Seed Count/lb. | Days
---|---
133,000 | 45

**Toy Choy**
Dwarf Chinese cabbage. Tiny bunches of crisp, white, 4 to 5-in. (10 to 13-cm) tall stalks with tender green leaves. Easy to harvest.

Approximate Seed Count/lb. | Days
---|---
231,000 | 30

**White F1**
Thick, pure white petioles with smooth, round leaves. Good for stir-fry and soup. Grows well in warmer climates.

Approximate Seed Count/lb. | Days
---|---
211,000 | 60

PEAS

**Snak Hero**
Slender pods have the straight and elongated appearance of a succulent green bean but the surprising taste and texture of a stringless snap pea. All-America Selections Winner.

Approximate Seed Count/lb. | Days
---|---
2,200 | 65

**Snow Max**
Produces an abundance of sweet, flat, semi-stringless snow pea pods. Resistance to downy mildew, powdery mildew and Fusarium.

Approximate Seed Count/lb. | Days
---|---
1,800 | 70

**Sugar Snap**
Sweet, 3-in. (8-cm) x 0.5-in. (1-cm) pods for fresh use/cooking. 6-ft. (1.8-m) vines are high yielding for long periods in both cool and hot weather.

Approximate Seed Count/lb. | Days
---|---
1,800 | 62
**Sweet Bell Pepper**

Approximate Seed Count/lb. | Days | Color* | Size (LxW) | Disease Resistance
---|---|---|---|---
**Aristotle** | 59,000 | 72-74 | Dark green/red | 5 x 4.5 in. (13 x 11 cm) HR: BLS0-3, 7, 8, TMV

**Baron F1** Available as Ball Premier Line® seed. Early, prolific variety bears very sweet, thick-walled, 4-lobed fruit. This smooth, blocky fruit has excellent adaptability in northern and central California. | 58,000 | 68 | Green/red | 4 x 3.5 in. (10 x 9 cm) IR: TMV

**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. | 61,000 | 75 | Green/red | 4 x 4.5 in. (10 x 11 cm) HR: BLS0 IR: PC

**Big Bertha F1** Available as Ball Premier Line® seed. Dark green-leafed plants keep fruit under good cover. Produces sweet, thick-walled, 3 to 4-lobed peppers. | 55,000 | 70-73 | Green/red | 7 x 4 in. (18 x 10 cm) TMV

**California Wonder** Available as Ball Premier Line® seed. Blocky, good for stuffing. | 62,000 | 75 | Green/red | 4 x 4 in. (10 x 10 cm) –

**California Wonderful F1** This new hybrid is priced like an open-pollinated pepper! A uniform green to red main-season variety whose blocky fruits are very nearly square. The 3 to 4-lobed fruits are thick-walled, crisp and firm, even when matured fully red. | 55,000 | 75-77 | Green/red | 3.5 x 3.5 in. (9 x 9 cm) IR: BLS0-3, 7, 8

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*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
- **TSVV:** Tomato spotted wilt virus
- **PVY:** Potato virus Y
- **TEV:** Tobacco etch virus
- **TMV:** Tobacco mosaic virus
- **ToMV:** Tomato mosaic virus
- **TSVV:** Tomato spotted wilt virus
- **PVY:** Potato virus Y
- **TEV:** Tobacco etch virus
- **TMV:** Tobacco mosaic virus
- **ToMV:** Tomato mosaic virus
- **TSVV:** Tomato spotted wilt virus

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**PEPPER**

**Aristotle Pepper**

Better Belle IV Pepper

**Baron Pepper**

**Big Bertha Pepper**

**California Wonderful Pepper**

**Dragonfly Pepper**
### SWEET BELL PEPPER continued

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (LxW)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chili Pie F₁</strong></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><em>This variety shows strong vigor and fruit-setting ability. It produces truly edible bell peppers with a hint of heat. Fruit is crisp and tasty, with a cute heart-shaped appearance and thick flesh. Compact growth habit means it can be grown in pots and is especially suitable for small gardens. All-America Selections Winner.</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Confetti F₁</strong></td>
<td>74,000</td>
<td>45-70</td>
<td>Green/red</td>
<td>2.25 x 1.25-1.75 in. (5.5-6 x 3.5-4 cm)</td>
<td>-</td>
</tr>
<tr>
<td><em>Mini bell pepper has unique, eye-catching variegated foliage. Its mounded plant habit will hold up in a vegetable garden or container. Fruit ripens from light green to bright red, with a sweet, crunchy flavor that is perfect for fresh eating at any stage of ripeness. Best for container or in-ground, with or without support.</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dragonfly (Reintroduction)</strong></td>
<td>59,400</td>
<td>75</td>
<td>Purple/red</td>
<td>3.5 x 3.5 in. (9 x 9 cm)</td>
<td>IR: TMV</td>
</tr>
<tr>
<td><em>Thick-walled, juicy purple bell has better eating qualities than others on the market. Holds purple stage for a long time, so it has a good harvest window when purple which continues on through ripening to red.</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Early Summer F₁</strong></td>
<td>65,000</td>
<td>70-75</td>
<td>Dark green/yellow</td>
<td>4.5 x 4-4.5 in. (11-13 x 10-11 cm)</td>
<td>HR: BLS0-5, 7-9, TMV, IR: TSWV</td>
</tr>
<tr>
<td><em>Available as Ball Premier Line® seed. Strong plants produce many high-quality, extra-large peppers that are firm and glossy with thick walls and uniform blocky shape.</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Flavorburst Hybrid</strong></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><em>Available as Ball Premier Line® seed. Easy-to-grow plants produce a big harvest of crisp, juicy, golden peppers with plenty of sweet flavor.</em></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>Golden California Wonder</strong></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><em>Available as Ball Premier Line® seed. Smooth, blocky, blunt-ended peppers are 4-lobed and thick-walled with sweet, mild flavor. Sturdy plants set continuously.</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Keystone Giant Resistant</strong></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><em>Available as Ball Premier Line® seed. Thick-walled fruits are perfect for stuffing.</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>King Arthur F₁</strong></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: BLS0, 2, 5, PVY0, TEV</td>
</tr>
<tr>
<td><em>High yields of large, blocky sweet bell peppers. Mid-season variety is widely adaptable.</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>King of the North</strong></td>
<td>66,700</td>
<td>70</td>
<td>Green/red</td>
<td>6 x 4 in. (15 x 10 cm)</td>
<td>-</td>
</tr>
<tr>
<td><em>Short-season variety is a very reliable choice for northern gardeners. Sturdy plants produce high yields of blocky, thick-walled, 3 to 4-lobed peppers.</em></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td><strong>Lady Bell F₁</strong></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><em>A Ball Ingenuity™ product, available exclusively through Ball Seed®. Available as Ball Premier Line® seed. 3 to 4-lobed.</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>New Mercer F₁</strong></td>
<td>55,300</td>
<td>72-78</td>
<td>Green/red</td>
<td>4.45 x 3.5-4 in. (11-10 x 9-10 cm), 5-6.5 oz. (142-184 g)</td>
<td>HR: BLS0-1, 4, 8, 9, IR: BLS0, PM</td>
</tr>
<tr>
<td><em>Firm, dark green bell pepper matures to a very attractive deep red. Delivers high yields, good cover, and firm, thick-walled fruit. Large, disease resistant plants are well-adapted to many growing regions.</em></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>New Ace F₁</strong></td>
<td>74,000</td>
<td>70</td>
<td>Green/red</td>
<td>4 x 3 in. (10 x 8 cm)</td>
<td>IR: TMV, ToMV</td>
</tr>
<tr>
<td><em>Available as Ball Premier Line® seed. Early-maturing plant produces heavy yields of sweet peppers. Plant has green stems, green leaves and white flowers and grows to 3 to 4 ft. (0.9 to 1.2 m) tall. One of the best bell peppers for areas with short or cool Summers, even Alaska.</em></td>
<td></td>
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</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 (LxW)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Liberty Belle</strong></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><strong>Majestic Red</strong></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: BLSD-3, 5, 7, 8, TMV IR: PC</td>
</tr>
<tr>
<td><strong>Ninja S10 F1</strong></td>
<td>50,000</td>
<td>72-77</td>
<td>Green/red</td>
<td>4-4.5 x 3.5-4 in. (10-11 x 9-10 cm)</td>
<td>HR: TMV IR: BLSD, BLSD-9</td>
</tr>
<tr>
<td><strong>Orange Blaze F1</strong></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>HR: BLSD-3, 7, 8, TM0</td>
</tr>
<tr>
<td><strong>Purple Beauty Available as Ball Premier Line® seed.</strong></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><strong>Red Bull F1 Available as Ball Premier Line® seed.</strong></td>
<td>54,000</td>
<td>85-95</td>
<td>Green/red</td>
<td>4.5-5 x 4.5 in. (11-13 x 10-11 cm)</td>
<td>HR: BLSD-3, 7, 8, TMV</td>
</tr>
<tr>
<td><strong>Red Knight F1 Available as Ball Premier Line® seed.</strong></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>HR: BLSD-3, 8, 9, PVYO</td>
</tr>
<tr>
<td><strong>New Revolution II Available as Ball Premier Line® seed.</strong></td>
<td>78,500</td>
<td>73</td>
<td>Green to red</td>
<td>5 x 4.5 in. (13 x 11 cm)</td>
<td>HR: BLS1-3, PVYO, PVY1, TM0 IR: CMV</td>
</tr>
</tbody>
</table>

*Fighting off bacterial leaf spot while producing extra large-to-jumbo fruit. The plants are widely adapted with very high yields of high-quality, firm, glossy fruit that hold well before and after harvest. The plants are strong and vigorous with good fruit setting ability.*

*Available as Ball Premier Line® seed.

*All-America Selections Winner.*

*Naturally dwarf plants are ideal for small spaces, including patio containers. Produces heavy sets of beautiful yellow sweet bell peppers. Foliage stays green and healthy even with ripe fruit.*

*Nearly idiot-proof gardening at its best.*

*Blocky, thick-walled peppers with sweet, mild flavor. Easy to grow.*

*Vigorous, early-maturing variety is widely adapted throughout the northeastern U.S. Large to extra-large, thick-walled fruits.*

*Vigorous, early-maturing variety is widely adapted throughout the northeastern U.S. Large to extra-large, thick-walled fruits.*

*Liberty Belle Pepper* Naturally dwarf plants are ideal for small spaces, including patio containers. Produces heavy sets of beautiful yellow sweet bell peppers. Foliage stays green and healthy even with ripe fruit.

*Majestic Red* Sets a new standard for home garden bell peppers. The huge, smooth fruit have a thick wall and crunchy texture. Fruit are blocky, firm and heavy for their size and set quickly to ensure a good yield. The early-maturing plants are medium to large, have good cover, and are widely adapted to most regions of the U.S.

*Ninja S10 F1* Fights off bacterial leaf spot while producing extra large-to-jumbo fruit. The plants are widely adapted with very high yields of high-quality, firm, glossy fruit that hold well before and after harvest. The plants are strong and vigorous with good fruit setting ability.

*Orange Blaze F1 Available as Ball Premier Line® seed. Gorgeous 2 to 3-lobed fruits that mature early and boast very sweet flavor. Excellent disease resistance. All-America Selections Winner.*

*Purple Beauty Available as Ball Premier Line® seed. Blocky, thick-walled peppers with sweet, mild flavor. Easy to grow.*

*Red Bull F1 Available as Ball Premier Line® seed. Blocky, 4-lobed fruit has thick walls, smooth skin. Strong canopy for excellent protection.*

*Red Knight F1 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.*

*New Revolution II Available as Ball Premier Line® seed. Large to extra-large blocky fruit has a smooth, glossy deep green color that turns to red. Very uniform fruit shape with an excellent disease package, including Intermediate Resistance to Phytophthora.*
### SWEET BELL PEPPER continued

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (LxW)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Snackabelle Red F1</td>
<td>74,000</td>
<td>55-75</td>
<td>Green/red</td>
<td>2.25 x 2.25 in. (5.7 cm)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5.6 x 5.6 cm</td>
<td></td>
</tr>
<tr>
<td>Sweetie Pie F1</td>
<td>59,000</td>
<td>60-70</td>
<td>Green/red</td>
<td>2.5 x 3 in. (6.4 cm)</td>
<td>-</td>
</tr>
<tr>
<td>Touchdown F1</td>
<td>57,000</td>
<td>72-75</td>
<td>Green/red</td>
<td>3.75-4 x 3.75-4 in. (9.5 x 9.5 cm)</td>
<td>HR: BLS0-5, 7-9, TMV</td>
</tr>
<tr>
<td>New Trailblazer F1</td>
<td>69,900</td>
<td>70-75</td>
<td>Green to yellow</td>
<td>3.5-3.75 x 3.25-3.5 in. (8.9 x 8.9 cm)</td>
<td>HR: BLS1-3, 7, 8</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>8 oz. (227 g)</td>
<td></td>
</tr>
<tr>
<td>Yolo Wonder</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>

### SWEET NON BELL PEPPER

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (LxW)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aconcagua</td>
<td>73,000</td>
<td>70</td>
<td>Green/red</td>
<td>11.12 x 3 in. (28.3 x 8 cm)</td>
<td>-</td>
</tr>
<tr>
<td>Candy Cane Chocolate Cherry F1</td>
<td>58,100</td>
<td>70-75</td>
<td>Green/white/chocolate/cherry</td>
<td>3.5-3.75 x 2.75 in. (9-10 x 7 cm)</td>
<td>-</td>
</tr>
<tr>
<td>Candy Cane Red F1</td>
<td>69,000</td>
<td>60-65</td>
<td>Green/red</td>
<td>3.5 x 1.25-1.75 in. (8.9 x 4 cm)</td>
<td>-</td>
</tr>
<tr>
<td>Cherry Pick F1</td>
<td>64,000</td>
<td>82-85</td>
<td>Dark green/red</td>
<td>1.5 in. (4 cm)</td>
<td>TMV</td>
</tr>
</tbody>
</table>
SWEET NON BELL PEPPER continued

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (LxW)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Giant Marconi F1</td>
<td>74,000</td>
<td>63</td>
<td>Green/red</td>
<td>8 x 3 in. (20 x 8 cm)</td>
<td>PVY0, TMV</td>
</tr>
<tr>
<td>Gold Fortune F1</td>
<td>49,900</td>
<td>80-90</td>
<td>Green/yellow</td>
<td>6 x 3-4 in. (15 x 8-10 cm)</td>
<td>HR, PVY0, IR, TSWV</td>
</tr>
<tr>
<td>Greek Pepperoncini F1</td>
<td>72,000</td>
<td>65</td>
<td>Light green</td>
<td>4 x 1 in. (10 x 3 cm)</td>
<td>-</td>
</tr>
<tr>
<td>Gypsy F1</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>HR, TMV</td>
</tr>
<tr>
<td>Hungarian Cheese Pepper F1 Series</td>
<td>Orange You Sweet: 59,000</td>
<td>65-68</td>
<td>See variety</td>
<td>2 x 2.5 in. (5 x 6 cm)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Right on Red: 71,000</td>
<td></td>
<td>Green/orange</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Yes to Yellow!: 49,000</td>
<td></td>
<td>Green/yellow</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jimmy Nardello’s F1</td>
<td>75,000</td>
<td>80-90</td>
<td>Green/red</td>
<td>6 x 4 in. (15 x 10 cm)</td>
<td>-</td>
</tr>
<tr>
<td>Just Sweet F1</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>Lola F1</td>
<td>59,000</td>
<td>65-70</td>
<td>Yellow/red</td>
<td>7-8 x 1.75 in. (19-20 x 4 cm)</td>
<td>HR, BL5-0-3, 7, 8, IR, TSWV</td>
</tr>
<tr>
<td>Meltrose F1</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>New Mocha Swirl F1</td>
<td>62,100</td>
<td>80-85</td>
<td>Green and white to chocolate and red</td>
<td>4-4.5 x 1.5-2 in. (10-11 x 4-6 cm)</td>
<td>-</td>
</tr>
<tr>
<td>SWEET NON-BELL PEPPER continued</td>
<td>Approximate Seed Count/lb.</td>
<td>Days</td>
<td>Color*</td>
<td>Size (LxW)</td>
<td>Disease Resistance</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>---------------------------</td>
<td>------</td>
<td>--------</td>
<td>------------</td>
<td>-------------------</td>
</tr>
<tr>
<td><strong>Mohawk F1</strong></td>
<td>Sweet, orange pepper has a spreading, cascading habit that is good for hanging baskets and patio planters. Green to orange 4-5 in. (10-13 cm) long fruit.</td>
<td>88,000</td>
<td>75</td>
<td>Green/orange</td>
<td>4-5 in. (10-13 cm)</td>
</tr>
<tr>
<td><strong>PeppiGrande Red Seedless F1</strong></td>
<td>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.</td>
<td>82,000</td>
<td>80-85</td>
<td>Green/red</td>
<td>5-6 x 1.5-2 in. (13-15 x 4-6 cm)</td>
</tr>
<tr>
<td><strong>Peppi Comissimo F1</strong></td>
<td>A PanAmerican Seed® Product. Extra-large corno-shaped fruit ripens from green to red, with outstanding thick walls, rich flavor and more sweetness than most large-fruited peppers. To produce seedless fruit, grow in isolation from other (non-seedless) pepper varieties. If not isolated, it will produce larger, great-tasting fruit with just a few seeds.</td>
<td>64,400</td>
<td>95-100</td>
<td>Green/red</td>
<td>6-7 x 2.5 in. (15-18 x 6 cm)</td>
</tr>
<tr>
<td><strong>Peppi Red and Yellow F1</strong></td>
<td>A PanAmerican Seed® Product. These small, pointed fruits offer incredible sweetness and rich flavor. The fruit are often seedless and are great for snacking fresh off the plant.</td>
<td>Red: 68,500/ Yellow: 59,900</td>
<td>75-80</td>
<td>Varies by variety</td>
<td>3-4.5 x 1.75 in. (9-11 x 4 cm)</td>
</tr>
<tr>
<td><strong>Pillar F1 Series</strong></td>
<td>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 • Sweet Yellow</td>
<td>Sweet Red: 75,000</td>
<td>84-98</td>
<td>Varies by variety</td>
<td>2-2.75 x .75-1 in. (5-7 x 2-3 cm)</td>
</tr>
<tr>
<td><strong>Pimiento Elite F1</strong></td>
<td>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.</td>
<td>54,000</td>
<td>72-75</td>
<td>Green/red</td>
<td>3 x 3.5 in. (8 x 9 cm)</td>
</tr>
<tr>
<td><strong>Shishito</strong></td>
<td>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.</td>
<td>71,700</td>
<td>55-60</td>
<td>Green</td>
<td>3 in. (8 cm)</td>
</tr>
<tr>
<td><strong>Sweet Banana Available as Ball Premier Line® seed</strong></td>
<td>Medium-thick walls. Banana type.</td>
<td>69,000</td>
<td>65-70</td>
<td>Yellow/red</td>
<td>6 x 1.5 in. (15 x 4 cm)</td>
</tr>
<tr>
<td><strong>Sweet Sunset F1</strong></td>
<td>Plant produces long and tapered sweet banana peppers perfect for frying, pickling and fresh eating. All-America Selections Regional Winner.</td>
<td>62,000</td>
<td>85</td>
<td>Yellow/red</td>
<td>8 x 1.5 in. (20 x 4 cm)</td>
</tr>
<tr>
<td><strong>Takara</strong></td>
<td>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.</td>
<td>78,000</td>
<td>60</td>
<td>Green/red</td>
<td>3.5 x 1 in. (9 x 3 cm)</td>
</tr>
<tr>
<td><strong>Yellow Sparkler F1</strong></td>
<td>Elongated mini-peppers are sweet, firm and crisp – perfect for fresh snacking. The 20 to 24 in. (50 to 60 cm) plants work well in containers as well as beds.</td>
<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>
</tr>
</tbody>
</table>
### Anaheim Pepper

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
<th>Size (LxW)</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>
</tr>
<tr>
<td>Biggie Chile 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>
</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>
</tr>
<tr>
<td>Spitfire</td>
<td>62,000</td>
<td>85-90</td>
<td>Green/red</td>
<td>8-12 x 2-2.5 in. (20-30 x 5-6 cm)</td>
</tr>
</tbody>
</table>

### Ancho/Passion Pepper

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color</th>
<th>Size (LxW)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alteno</td>
<td>40,400</td>
<td>80-85</td>
<td>Dark green to red</td>
<td>6.5-7 x 2.25-2.75 in. (17-18 x 5-6 cm)</td>
</tr>
<tr>
<td>Carranza</td>
<td>55,000</td>
<td>72</td>
<td>Dark green/red</td>
<td>6-7 x 3 in. (15-18 x 8 cm)</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>
</tr>
</tbody>
</table>
# CHILI PEPPER

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (LxW)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Aleppo</strong> Pepper</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>65,800</td>
<td>80-85</td>
<td>Green to red</td>
<td>2.25 x 1-1.25 in. (5.6 x 3 cm)</td>
<td>-</td>
</tr>
<tr>
<td><strong>Alter Ego</strong> Pepper</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>76,000</td>
<td>85-95</td>
<td>Lime green/red</td>
<td>4.5 x 1 in. (11.5 x 3 cm)</td>
<td>IR: TMV</td>
</tr>
<tr>
<td><strong>Arapaho</strong> Pepper</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64,000</td>
<td>65</td>
<td>Green/red</td>
<td>8.5 in. (21.5 cm)</td>
<td>-</td>
</tr>
<tr>
<td><strong>Atomic</strong> Pepper</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>78,000</td>
<td>85-95</td>
<td>Deep purple/red</td>
<td>3.5 x 1 in. (9 x 3 cm)</td>
<td>IR: TMV</td>
</tr>
<tr>
<td><strong>Basket Of Fire</strong> Pepper</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>111,000</td>
<td>85-95</td>
<td>Cream/purple/red</td>
<td>2 in. (5 cm)</td>
<td>-</td>
</tr>
</tbody>
</table>

- New Aleppo peppers have a sweet taste with a nice kick of heat on the back end. This very thin-skinned and thin-walled pepper is native to Syria and Turkey. Mainly used dried or crushed. The taste is slightly smoky, salty, sweet, and warming, with the heat of 10,000 Scovilles.

- 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.
<table>
<thead>
<tr>
<th>CHILI PEPPER continued</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (LxW)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<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 x 3 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)</td>
<td>-</td>
</tr>
<tr>
<td>Golden Cayenne</td>
<td>67,000</td>
<td>85-90</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</td>
<td>Green/red</td>
<td>6-9 x 1 in. (15-23 x 3 cm)</td>
<td>-</td>
</tr>
<tr>
<td>Spicy Jane F1</td>
<td>91,200</td>
<td>70-94</td>
<td>Green/red</td>
<td>2 in. (5 cm)</td>
<td>-</td>
</tr>
<tr>
<td>Super Chili F1</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</td>
<td>69,000</td>
<td>55-60</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>
<tr>
<td>Trinidad Scorpion</td>
<td>89,000</td>
<td>90</td>
<td>Green/red</td>
<td>2 x 1.5 in. (5 x 4 cm)</td>
<td>BLS0, TMV, Pepper Mild Mottles Mosaic</td>
</tr>
</tbody>
</table>

- The original from India! Recently recognized as one of the hottest chilies 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.
- 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 Winner.
- 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.
- A trailing-type pepper plant with bright, red, spicy fruit with a heat level of 30,000 Scovilles. The leaves have a beautiful shine and their structure secures low water use.
- Very productive, semi-compact plants produce upward-facing, cone-shaped chili peppers with a spicy flavor. Also good for ornamental use.
- A trailing pepper with wrinkled, lantern-shaped fruit matures to deep red. (Moruga Strain)
CUBANELLE PEPPER

<table>
<thead>
<tr>
<th>Varietal Name</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (LxW)</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>

ETHNIC HOT PEPPER

<table>
<thead>
<tr>
<th>Varietal Name</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (LxW)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apache F1</td>
<td>107,000</td>
<td>85-90</td>
<td>Green/red</td>
<td>2-3 in. (5-8 cm)</td>
<td>-</td>
</tr>
<tr>
<td>Cheyenne F1</td>
<td>86,000</td>
<td>85-90</td>
<td>Green/orange</td>
<td>3-4 in. (8-10 cm)</td>
<td>-</td>
</tr>
<tr>
<td>Flaming Flare F1</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>
</tbody>
</table>

**How Hot Is Hot?**

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.

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**PEPPER 231**
**ETHNIC HOT PEPPER** continued

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (LxW)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Gong Bao F1</strong></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 1.91 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Hot Portugal</strong></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 red</td>
<td>6.7 in. (15.7 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Hungarian Hot Wax Available as Ball Premier Line® seed.</strong></td>
<td>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><strong>Mariachi F1</strong></td>
<td>Improved Santa Fe Grande type. Early, high-yielding. Mild, thick flesh is good fresh, roasted, pickled. All-America Selections Winner.</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>
<tr>
<td><strong>Red Cherry Hot Available as Ball Premier Line® seed.</strong></td>
<td>Round fruit.</td>
<td>87,000</td>
<td>75-80</td>
<td>Green/red</td>
<td>1.25 x 1.5 in. (3.12 x 3.81 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Salsa Garden F1 Available as Ball Premier Line® seed.</strong></td>
<td>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. (22.6 x 2.54 cm)</td>
<td>HR: PVY-1, TMV</td>
</tr>
<tr>
<td><strong>Tabasco Available as Ball Premier Line® seed.</strong></td>
<td>Green-leaf strain is best for the South/East.</td>
<td>113,000</td>
<td>80</td>
<td>Green/yellow</td>
<td>2 x 0.5 in. (5 x 1.27 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Time Bomb</strong></td>
<td>Produces red hot cherry peppers with a light, smoky flavor and about 1,000 Scoville units.</td>
<td>68,000</td>
<td>65-70</td>
<td>Green/red</td>
<td>1.5 in. (3.8 cm)</td>
<td>HR: TMV</td>
</tr>
</tbody>
</table>

**HABANERO PEPPER** continued

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (LxW)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Burning Bush F1</strong></td>
<td>Wrinkled, lantern-shaped 'Chichen Itza'-type peppers are produced on early-maturing, sturdy and productive plants. Produces fruit with approximately 15,000-20,000 Scoville units. Matures 15 to 25 days earlier than O.P. Bananeros.</td>
<td>91,000</td>
<td>85</td>
<td>Green/orange</td>
<td>3 x 1.5 in. (7.62 x 3.81 cm)</td>
<td>IR: TMV</td>
</tr>
<tr>
<td><strong>New Chaak</strong></td>
<td>Early hybrid habanero matures from green to beautiful orange color. High yielding and heavy, large, thick-walled fruits with good shelf life after harvest. 200,000 Scovilles.</td>
<td>99,800</td>
<td>75-85</td>
<td>Green/orange</td>
<td>2.5 in. (6.35 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Habanero Orange Available as Ball Premier Line® seed.</strong></td>
<td>One of the hottest peppers available. Thin-walled fruit wrinkles at maturity.</td>
<td>106,000</td>
<td>95-100</td>
<td>Light green/orange</td>
<td>1 x 1.5 in. (3.81 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Habanero Red F1 Available as Ball Premier Line® seed.</strong></td>
<td>Short, wrinkled green fruits on 14 to 18-in. (36 to 46-cm) plants turn red when mature and pack a searing heat.</td>
<td>112,000</td>
<td>95-100</td>
<td>Green/red</td>
<td>1.5 x 1 in. (3.81 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Primero Red F1 A PanAmerican Seed® Product.</strong></td>
<td>One of the earliest ripening habaneros on the market, with fruit ready to harvest and enjoy as early as bell peppers! Produces huge yields of peppers that are larger than other habaneros with just about one-third the Heat.</td>
<td>163,000</td>
<td>60-80</td>
<td>Green/red</td>
<td>2.75-3 x 1.25-1.5 in. (7.0 x 3.81 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Roulette F1</strong></td>
<td>With all the aromatic qualities of traditional habaneros, Roulette has almost none of the heat. Mildly pungent and smoky, Roulette produces fruit with about 100 Scoville units, making it a welcome addition to mild salsas with extra character. High yield potential. All-America Selections Winner.</td>
<td>102,000</td>
<td>60-80</td>
<td>Green/red</td>
<td>3 x 1.5 in. (7.62 x 3.81 cm)</td>
<td></td>
</tr>
</tbody>
</table>
# JALAPEÑO PEPPER

<table>
<thead>
<tr>
<th>Name</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (LxW)</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>Available as Ball Premier Line® seed.</strong></td>
<td>Early, thick-walled peppers on very productive plants.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Felicity F₁</strong></td>
<td>59,000</td>
<td>72</td>
<td>Green/red</td>
<td>4 x .75 in. (10 x 2 cm)</td>
<td>-</td>
</tr>
<tr>
<td><strong>A Jalapeño-type hybrid that is heatless, this medium-early variety has a continuous fruit set that results in potentially high yields with large fruit. Plant habit is semi-upright and medium strong. Large fruit has a thick wall and no pungency.</strong></td>
<td></td>
<td></td>
<td></td>
<td></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: BLS0-3, 7, 8, PVY1</td>
</tr>
<tr>
<td><strong>Large, strong plants bear super-pungent peppers (4,000 to 6,000 Scovilles). Extra-long length is suited to growing conditions that can cause fruit to shorten.</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></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>Available as Ball Premier Line® seed.</strong></td>
<td>Pungent, sweet-hot peppers deliver flavor and heat! Thick-walled fruits grow on vigorous, 26-in. (65-cm) plants.</td>
<td></td>
<td></td>
<td></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 x 3-4 cm)</td>
<td>IR: BLS1-3, TMV</td>
</tr>
<tr>
<td><strong>A PanAmerican Seed® Product.</strong></td>
<td>Performs like original La Bomba, bearing very large jalapeños with little to no checking. Best in containers or in-ground.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>New Megatron</strong></td>
<td>48,100</td>
<td>65</td>
<td>Green</td>
<td>4.5 in. (11 cm)</td>
<td>HR: BLS0-1, 4, 8, 9</td>
</tr>
<tr>
<td><strong>Megatron is an exciting hybrid jalapeño that boasts dense, extra large fruit. This variety has good shelf life and a nice green color. Other benefits include extreme earliness and high yield potential.</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Pot-a-peño F₁</strong></td>
<td>84,400</td>
<td>60-65</td>
<td>Green/red</td>
<td>3.4 x 1.25 in. (8-10 x 3 cm)</td>
<td>-</td>
</tr>
<tr>
<td><strong>A PanAmerican Seed® Product.</strong></td>
<td>Unique cascading habit is perfect for a hanging basket or container – an ideal addition to any patio or small-space garden. Early maturing means this will be one of the first peppers to fruit in the garden. Tons of jalapeño fruit grow under a dense canopy of small, dark green leaves.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Spicy Slice F₁</strong></td>
<td>61,000</td>
<td>65</td>
<td>Green</td>
<td>4.4-7.5 x .75-1 in. (10-12 x 2.3 cm)</td>
<td>HR: BLS0-3, 7, 8, IR. TEV</td>
</tr>
<tr>
<td><strong>Available as Ball Premier Line® seed.</strong></td>
<td>Extra-large peppers are good for cutting into uniform, bite-sized rings with good flavor and medium pungency. Vigorous, prolific plants have good cover and are widely adaptable.</td>
<td></td>
<td></td>
<td></td>
<td></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>A Ball Ingenuity® product, available exclusively through Ball Seed®. Available as Ball Premier Line® seed.</strong></td>
<td>This pepper tops out at about 2,300-2,500 Scovilles. Large and firm, uniformly dark green pepper has beautiful smooth skin and a thick wall. Has a long shelf life and good heat content.</td>
<td></td>
<td></td>
<td></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>BLS0-3, 7, 8</td>
</tr>
<tr>
<td><strong>Meet the no-heat jalapeño! Great for blending with hot varieties to customize the heat level in hot sauces and salsas.</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
NEW Quickfire Pepper

NEW Lone Ranger Pepper

NEW Pathfinder Pepper

Aji Rico Pepper

**ORNAMENTAL EDIBLE PEPPER**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (LxW)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demon Red</td>
<td>310,000</td>
<td>75</td>
<td>Green/red</td>
<td>0.75-1 x 0.8 in. (2-3 x 2 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>SERRANO PEPPER</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Lone Ranger</td>
<td>273,200</td>
<td>50-65</td>
<td>Green/red</td>
<td>1.7 in. (4 cm), 0.7 oz. (20 g)</td>
<td></td>
</tr>
<tr>
<td>Serrano</td>
<td>Available as Ball Premier Line® seed. Large 2 to 3 ft. (61 to 91 cm) plants are loaded with hundreds of fruits that ripen from green to red. Very versatile – can be used for salsas, chili sauce, drying, pickling and soups.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SPECIALTY HOT PEPPER</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aji Rico F1</td>
<td>83,000</td>
<td>70-75</td>
<td>Green/red</td>
<td>3-4 x 1.25-1.75 in. (3-4 cm)</td>
<td></td>
</tr>
</tbody>
</table>
### Durango Pepper
- SPECIALTY HOT PEPPER
- **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.
  - Approximate Seed Count/lb.: 70,000
  - Days: 60-70
  - Color*: Dark green/red
  - Size (LxW): 4-5 in. (10-13 cm)

- **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.
  - Approximate Seed Count/lb.: 58,000
  - Days: 70-80
  - Color*: Green/dark red
  - Size (LxW): 6.5-7 x 1.5 in. (17-18 x 4 cm)
  - Disease Resistance: HR: TMV IR: PC

- **Mad Hatter F1**
  - 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 Winner.
  - Approximate Seed Count/lb.: 74,000
  - Days: 85-90
  - Color*: Green/red
  - Size (LxW): 2-3.5 x 2-2.5 in. (5-9 x 5-6 cm)

- **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.
  - Approximate Seed Count/lb.: 77,000
  - Days: 84-98
  - Color*: Black/red
  - Size (LxW): -

### New Spinning Tops Pepper
- This hot pepper has an unusual shape that bears fruit all season long. Measuring at 30,000 Scovilles, it has a hot, yet fruity flavor. Great for pickling or crushed up as a sauce for meat, fish or poultry.
- Approximate Seed Count/lb.: 118,000
- Days: 90-100
- Size (LxW): 1.25 x 0.75 in. (3 x 2 cm)
- Disease Resistance: -

### Physalis
- **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.
  - Approximate Seed Count/lb.: 715,000
  - Days: 70
  - Weight: 0.25-0.35 oz. (7-10 g)
**PUMPKIN**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Baby Bear</strong></td>
<td>3,600</td>
<td>105</td>
<td>1.5-2.5 lb. (0.7-1.1 kg)</td>
</tr>
<tr>
<td><strong>New Big Deal</strong></td>
<td>2,200</td>
<td>100</td>
<td>25-30 lb. (11.3-13.6 kg)</td>
</tr>
<tr>
<td><strong>Big Max</strong></td>
<td>1,300</td>
<td>120</td>
<td>100 lb. (45.4 kg)</td>
</tr>
<tr>
<td><strong>Cinderella's Carriage F1</strong></td>
<td>1,800</td>
<td>100</td>
<td>25-36 lb. (11.3-15.9 kg)</td>
</tr>
<tr>
<td><strong>Fairytale</strong></td>
<td>3,600</td>
<td>115</td>
<td>15-18 lb. (6.8-8.2 kg)</td>
</tr>
<tr>
<td><strong>Hijinks</strong></td>
<td>3,600</td>
<td>100</td>
<td>7.9 lb. (3.2-4.1 kg)</td>
</tr>
<tr>
<td><strong>Howden</strong></td>
<td>2,700</td>
<td>115</td>
<td>20-30 lb. (9.1-13.6 kg)</td>
</tr>
<tr>
<td><strong>New Hulk</strong></td>
<td>2,700</td>
<td>100</td>
<td>30 lb. (13.6 kg)</td>
</tr>
<tr>
<td><strong>Jack Be Little</strong></td>
<td>6,800</td>
<td>95</td>
<td>8 oz. (226 g)</td>
</tr>
<tr>
<td><strong>Jack Sprat F1</strong></td>
<td>5,400</td>
<td>100</td>
<td>3 lb. (1.4 kg)</td>
</tr>
<tr>
<td><strong>Kandy Korn Plus</strong></td>
<td>4,500</td>
<td>90</td>
<td>1 lb. (0.5 kg)</td>
</tr>
</tbody>
</table>

*All-America Selections Winner.*
### 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><em>Large Marge F1</em></td>
<td>2,800</td>
<td>105</td>
<td>30-40 lb. (13.6-18.1 kg)</td>
</tr>
<tr>
<td><em>Long Island Cheese</em></td>
<td>3,630</td>
<td>105</td>
<td>6-10 lb. (2.7-4.5 kg)</td>
</tr>
<tr>
<td><em>Magic Lantern F1</em></td>
<td>2,200</td>
<td>115</td>
<td>16-24 lb. (7.3-10.9 kg)</td>
</tr>
<tr>
<td><em>Mini Harvest Blend F1</em></td>
<td>5,900</td>
<td>90-100</td>
<td>4-6 oz. (113-170 g)</td>
</tr>
<tr>
<td><em>Mrs. Wrinkles F1</em></td>
<td>2,700</td>
<td>100</td>
<td>14-18 lb. (6.4-8.1 kg)</td>
</tr>
<tr>
<td><em>New Skidoo Gold</em></td>
<td>3,600</td>
<td>90</td>
<td>12-15 lb. (5.4-6.8 kg)</td>
</tr>
<tr>
<td><em>Small Sugar</em></td>
<td>3,600</td>
<td>100</td>
<td>5-8 lb. (2.3-3.6 kg)</td>
</tr>
<tr>
<td><em>Super Moon F1</em></td>
<td>1,800</td>
<td>90</td>
<td>25-30 lb. (11.3-13.6 kg)</td>
</tr>
<tr>
<td><em>Warty Goblin F1</em></td>
<td>4,000</td>
<td>105</td>
<td>8-20 lb. (3.6-9.1 kg)</td>
</tr>
<tr>
<td><em>Wee-B-Little</em></td>
<td>5,900</td>
<td>120</td>
<td>0.5-1 lb. (0.2-0.5 kg)</td>
</tr>
<tr>
<td><em>White Flat Boer Ford</em></td>
<td>1,800</td>
<td>100-110</td>
<td>10-15 lb. (4.5-6.8 kg)</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><em>Easter Egg Mix II</em></td>
<td>47,000</td>
<td>28</td>
</tr>
<tr>
<td><em>Rainbow Mix II</em></td>
<td>50,000</td>
<td>28</td>
</tr>
<tr>
<td><em>Starburst</em></td>
<td>60,000</td>
<td>60</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><em>Victoria</em></td>
<td></td>
<td>31,700</td>
</tr>
</tbody>
</table>

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SPINACH

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bloomsdale</strong></td>
<td>35,400</td>
<td>48</td>
<td></td>
</tr>
<tr>
<td><strong>New Countryside F1</strong></td>
<td>45,200</td>
<td>23-27</td>
<td></td>
</tr>
<tr>
<td><strong>New Darkside</strong></td>
<td>42,500</td>
<td>27-32</td>
<td></td>
</tr>
<tr>
<td><strong>Green Beret F1</strong></td>
<td>33,500</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td><strong>Imperial Beach F1</strong></td>
<td>50,300</td>
<td>35-40</td>
<td></td>
</tr>
<tr>
<td><strong>Imperial Valley F1</strong></td>
<td>25,400</td>
<td>30-40</td>
<td></td>
</tr>
<tr>
<td><strong>Olympia</strong></td>
<td>41,000</td>
<td>45-50</td>
<td></td>
</tr>
<tr>
<td><strong>Seaside F1</strong></td>
<td>41,000</td>
<td>25-30</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><strong>Ball’s Zucchini II</strong></td>
<td>2,700</td>
<td>48</td>
<td>Zucchini</td>
<td>7-8 in. (18-20 cm)</td>
</tr>
<tr>
<td><strong>Bossa Nova</strong></td>
<td>3,100</td>
<td>30-45</td>
<td>Caserta zucchini</td>
<td>3.5-6 in. (9-15 cm)</td>
</tr>
</tbody>
</table>
**NEW Chiffon F₁** Fine, white flesh is velvety smooth and tasty. High yields from midsummer until frost. The extremely tender, uniform fruit has a flavor as delicate as its buttery, yellow color. Compact, bush habit makes it easy for picking.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,990</td>
<td>42</td>
<td>Zucchini</td>
<td>6-8 in. (15-20 cm)</td>
</tr>
</tbody>
</table>

**Dixie F₁** Available as Ball Premier Line® seed. Shiny, lemon yellow, strongly tapered fruit is produced on early, highly productive and vigorous plants.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>5,400</td>
<td>45</td>
<td>Crookneck</td>
<td>5-6 in. (13-15 cm)</td>
</tr>
</tbody>
</table>

**Early Summer Crookneck** Smooth, bright yellow curved-neck fruits mature to orange-yellow. Meaty, flavorful interior.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>5,900</td>
<td>45</td>
<td>Crookneck</td>
<td>8-10 in. (20-25 cm)</td>
</tr>
</tbody>
</table>

**Easy Pick Gold II F₁** A PanAmerican Seed® Product. Fast-growing plants have an open habit and few prickles on the petioles. Continuous yields of slender, “twist to harvest” fruits make this traditional zucchini easy to market. Gold II offers improved disease resistance to ZYMV (Zucchini Yellow Mosaic Virus), WMV (Watermelon Mosaic Virus) and PRSV (Papaya Ring Spot Virus).

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>5,900</td>
<td>40-45</td>
<td>Zucchini</td>
<td>10 in. (25 cm)</td>
</tr>
</tbody>
</table>

**Eight Ball F₁** Uniform, shiny, round fruit are dark green and speckled. Matures several days earlier than others. Vigorous bushes are easy to harvest. All-America Selections Winner.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>3,600</td>
<td>35</td>
<td>Zucchini</td>
<td>3 in. (8 cm)</td>
</tr>
</tbody>
</table>

**Endeavor F₁** Large, glossy, dark green squash is small-spined. Nice, open habit makes harvesting easy.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,700</td>
<td>45</td>
<td>Zucchini</td>
<td>7 in. (18 cm)</td>
</tr>
</tbody>
</table>

**Golden Zebra F₁** Straight, blocky and cylindrical fruit is bright golden yellow, with very crisp and flavorful flesh.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,000</td>
<td>50</td>
<td>Zucchini</td>
<td>7-8 in. (18-20 cm)</td>
</tr>
</tbody>
</table>

**Goldy F₁** Big yields of long, slender fruits with bright yellow skin, white flesh and contrasting green stems. An open habit with few spines makes harvesting easy.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>3,600</td>
<td>55</td>
<td>Zucchini</td>
<td>8-10 in. (20-25 cm)</td>
</tr>
</tbody>
</table>

**Lemon Sun F₁** A PanAmerican Seed® Product. Vigorous and strong bush plant habit produces exceptional yields of uniform, yellow, scalloped, disc-shaped fruit with no green on the blossom end; sweet and tender patty pan squash can be harvested from baby with the flower attached to full size.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>5,900</td>
<td>40-45</td>
<td>Scallop</td>
<td>4-5 in. (10-13 cm)</td>
</tr>
</tbody>
</table>

**Multipik F₁** A Ball Ingenuity™ product, available exclusively through Ball Seed®. Golden yellow fruit on early, very prolific plants.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>5,000</td>
<td>50</td>
<td>Straightneck</td>
<td>7.5-8 in. (19-20 cm)</td>
</tr>
</tbody>
</table>

**Noche F₁** 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.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>3,100</td>
<td>45</td>
<td>Zucchini</td>
<td>7-8 in. (18-20 cm)</td>
</tr>
</tbody>
</table>

**Scallop Blend** Colorful blend of 5 hybrid scallop types offers gardeners a tasty and beautiful harvest of Summer squash. Best picked small.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>5,400</td>
<td>45-48</td>
<td>Scallop</td>
<td>2-3 in. (5-8 cm)</td>
</tr>
</tbody>
</table>

**Spineless Perfection F₁** 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.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,700</td>
<td>42</td>
<td>Zucchini</td>
<td>7-8 in. (18-20 cm)</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>Summer Surprise Mix F1</td>
<td>3,600</td>
<td>45-48</td>
<td>Assorted</td>
<td>Varies by variety</td>
</tr>
<tr>
<td><strong>Description</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dark green/black, lighter green and golden yellow types of traditional zucchini, plus a unique Caserta type and flavorful Lebanese type. All varieties produce early, uniform and heavy yields of quality fruit.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sunny Delight F1</td>
<td>7,200</td>
<td>45</td>
<td>Scallop</td>
<td>2.5-3 in. (6-8 cm)</td>
</tr>
<tr>
<td><strong>Description</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<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></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Superpik</td>
<td>4,900</td>
<td>55</td>
<td>Straightneck</td>
<td>7 in. (18 cm)</td>
</tr>
<tr>
<td><strong>Description</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Excellent uniformity and vigor, with high, early yields of sweet, yellow fruit that are longer than standard varieties.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yellow Straight Neck</td>
<td>4,900</td>
<td>55</td>
<td>Straightneck</td>
<td>10-14 x 3 in. (25-36 x 8 cm)</td>
</tr>
<tr>
<td><strong>Description</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uniform yellow fruit on semi-open, bushy plants.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zucchini Dark Green</td>
<td>3,100</td>
<td>45-65</td>
<td>Zucchini</td>
<td>6-8 in. (15-20 cm)</td>
</tr>
<tr>
<td><strong>Description</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Early, vigorous zucchini squash bears abundant yields of 6 to 8-in. (15 to 20-cm) fruits. Straight, smooth, dark green-mottled zucchini with pale greenish-white, firm flesh and bush habit.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### WINTER 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>Atlas F1</td>
<td>4,500</td>
<td>100-110</td>
<td>Butternut</td>
<td>5-7 lb. (2.3-3.2 kg)</td>
</tr>
<tr>
<td><strong>Description</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<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></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Autumn Acorn Blend F1</td>
<td>4,900</td>
<td>70-105</td>
<td>Acorn</td>
<td>4-5 in. (10-13 cm)</td>
</tr>
<tr>
<td><strong>Description</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The best of all worlds! Includes Table Princess, Table Gold, White Ace and Mardi Gras for a colorful, tasty harvest.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Autumn Frost F1</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><strong>Description</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<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></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Butterbaby F1</td>
<td>6,800</td>
<td>100-105</td>
<td>Butternut</td>
<td>4-6 x 3-4 in. (10-15 x 8-10 cm)</td>
</tr>
<tr>
<td><strong>Description</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A PanAmerican Seed® Product. Produces an abundance of sweet, personal-size mini butternuts with classic light tan skin color. Restricted vines will not take over the garden like traditional butternuts; can be grown on a trellis to save even more space. Excellent storage quality – will last up to 4 months or more after harvest. Intermediate Resistance to powdery mildew.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Buttercup Space Station F1</td>
<td>2,700</td>
<td>90</td>
<td>Buttercup</td>
<td>7 x 4 in. (18 x 10 cm)</td>
</tr>
<tr>
<td><strong>Description</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Semi-bush habit is ideal for small spaces. Nearly black skin and pale yellow, sweet, dry flesh.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Butternut Canesi</td>
<td>4,540</td>
<td>80-85</td>
<td>Butternut</td>
<td>10-12 in. (25-30 cm)</td>
</tr>
<tr>
<td><strong>Description</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The earliest butternut squash to date. Smooth, tan-skinned fruits are large for an early variety. The seed cavity is small, so you get more flesh per fruit. Great-tasting, bright yellow interior is sweet, fine-textured and smooth.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Butternut Waltham</td>
<td>4,900</td>
<td>90</td>
<td>Butternut</td>
<td>9 x 4-5 in. (23 x 10-13 cm)</td>
</tr>
<tr>
<td><strong>Description</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exceptional yields and nutty flavor. Great for baking, cooks up sweet and tender. All-America Selections Winner.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Butterscotch F1</td>
<td>6,300</td>
<td>85</td>
<td>Butternut</td>
<td>6 x 3 in. (15 x 8 cm)</td>
</tr>
<tr>
<td><strong>Description</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Produces single-serving. 1.25-lb. (0.6-kg) butternut squash with a rich, very sweet and nutty flavor. The small, 1 to 2-lb. (0.5 to 0.9-kg) fruits mature early with short, space-saving vines producing 3 to 4 per plant. Can be grown in a container. Resists powdery mildew. All-America Selections Winner.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
WINTER SQUASH continued

<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>Delicata</td>
<td>6,800</td>
<td>90-100</td>
<td>Specialty Round</td>
<td>16-32 oz. (454-907 g)</td>
</tr>
<tr>
<td>Early Butternut F1</td>
<td>5,400</td>
<td>82</td>
<td>Butternut</td>
<td>10-12 in. (25-30 cm)</td>
</tr>
<tr>
<td>Goldilocks F1</td>
<td>5,400</td>
<td>85</td>
<td>Acon</td>
<td>5 in. (13 cm)</td>
</tr>
<tr>
<td>Honeybaby F1</td>
<td>5,900</td>
<td>90</td>
<td>Butternut</td>
<td>4-8 oz. (113-227 g)</td>
</tr>
<tr>
<td>Honeynut A PanAmerican Seed® Product</td>
<td>5,900</td>
<td>105-110</td>
<td>Butternut</td>
<td>4-5 in. (10-13 cm)</td>
</tr>
<tr>
<td>Kurihomare F1</td>
<td>3,100</td>
<td>100</td>
<td>Kabocha</td>
<td>4.5-5.5 lb. (2-2.5 kg)</td>
</tr>
<tr>
<td>Primavera F1</td>
<td>3,600</td>
<td>90-95</td>
<td>Spaghetti</td>
<td>5.5 x 10 in. (14 x 25 cm)</td>
</tr>
<tr>
<td>Sweet Mama F1</td>
<td>3,600</td>
<td>45-50</td>
<td>Kabocha</td>
<td>4-4.5 lb. (1.8-2 kg)</td>
</tr>
<tr>
<td>Table Ace</td>
<td>4,500</td>
<td>70</td>
<td>Acon</td>
<td>4.5-5.5 in. (11-14 cm)</td>
</tr>
<tr>
<td>Taybelle F1</td>
<td>4,500</td>
<td>72</td>
<td>Acon</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>
<td>9.5 in. (24 cm)</td>
</tr>
<tr>
<td>Vegetable Spaghetti F1</td>
<td>3,100</td>
<td>100</td>
<td>Spaghetti</td>
<td>8-12 x 5-6 in. (20-30 x 13-15 cm)</td>
</tr>
</tbody>
</table>

WINTER SQUASH

Delicata Unlike most winter squash that need a few weeks to “cure” before eating, Delicata is ready to use straight out of the garden. Fruits weigh 1 to 2 lbs. (0.5 to 0.9 kg), a perfect single-serving size.

Early Butternut F1 Gold, smooth-skinned fruit has a strong, blocky shape and sweet-tasting, orange flesh. Early-maturing variety. Compact, semi-bush variety. All-America Selections Winner.

Goldilocks F1 Bright orange, bush-type acorn squash has High Resistance to powdery mildew. All-America Selections Winner.

Honeybaby F1 Another great patio planter choice – the super-compact, semi-bush plants are perfect for container growing! Short, 6 to 7-in. (15 to 18 cm) fruits with sweet, nutty flavor and meaty interior are produced on the 2 to 3 ft. (61 to 91 cm) vines; yields 8 to 9 fruit per plant. All-America Selections Regional Winner.

Honeynut A PanAmerican Seed® Product. First widely available small-fruited butternut squash in a high-germinating uniform strain. Higher yielding than traditional butternuts, with sweet, individual-size squash.

Kurihomare F1 Large, dark green Kabocha squash has bright yellow flesh with an exceptional, “nutty” taste. Vigorous vine and strong plant habit assure good growth even in cold conditions. Good fruit setting with high yields.

Primavera F1 Restricted vine-type is ideal for home gardens, delivers high yields of uniform, 3-lb. (1.4-kg) fruits with delicious, light-colored flesh.

Sweet Mama A favorite for home gardeners and small growers. Early-maturing, bush-type squash takes less space to grow compared to other Kabochas. Produces large fruit with dark green skin and bright yellow flesh that is very sweet with a nutty flavor. Its characteristics and storage capabilities are similar to a winter squash; however, it grows and sets fruit similar to a summer squash in the U.S.

Table Ace Semi-bush plants yield large black-green fruit with excellent flavor.

Taybelle 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.

Tivoli F1 The 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 Winner.

Vegetable Spaghetti F1 Oblong, mid-size yellow fruits. Tasty, pasta-like interior. Harvested in late Summer/Fall, can be stored several months in a cool/dry location.
### EARLY/COMPACT STRAWBERRY

<table>
<thead>
<tr>
<th>Berries Galore® F1 Series</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>USDA Hardiness Zones</th>
<th>Uses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pink: 375,000 Rose: 360,000 White: 358,000</td>
<td>75-85</td>
<td>5</td>
<td>Containers, Gardens</td>
<td></td>
</tr>
</tbody>
</table>

**Uses:** Berries Galore® F1 Series 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.

- Pink (Merlan)
- Rose (Tristan)
- White (Loran)

### HANGING BASKET STRAWBERRY

<table>
<thead>
<tr>
<th>Beltran F1</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>USDA Hardiness Zones</th>
<th>Uses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appleblossom: 823,500 Hot Pink: 384,000 Ruby Ann: 357,000 White: 358,000</td>
<td>75-85</td>
<td>4</td>
<td>Hanging Baskets, Strawberry Pots</td>
<td></td>
</tr>
</tbody>
</table>

**Uses:** Beltran F1 Vigorous plant produces abundant aromatic, deep red berries throughout Summer.

### LARGE FLOWERED STRAWBERRY

<table>
<thead>
<tr>
<th>Berries Hill F1 Series</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>USDA Hardiness Zones</th>
<th>Uses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gasana: 367,000 Montana: 407,000 Toscana: 389,000</td>
<td>80-85</td>
<td>4</td>
<td>Containers, Gardens, Hanging Baskets</td>
<td></td>
</tr>
</tbody>
</table>

**Uses:** Berries Hill F1 Series Medium-vigor runner series is a great choice for hanging baskets.

- Gasana Deep pink flowers and bright red berries.
- Montana Snow white blooms.
- Toscana Deep rose flowers.

### OPEN POLLENATED STRAWBERRY

<table>
<thead>
<tr>
<th>Mignonette</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>USDA Hardiness Zones</th>
<th>Uses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,400,000</td>
<td>80</td>
<td>3</td>
<td>Containers, Hanging Baskets</td>
<td></td>
</tr>
</tbody>
</table>

**Uses:** Mignonette 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.

### SEMI DOUBLE STRAWBERRY

<table>
<thead>
<tr>
<th>Summer Breeze F1 Series</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>USDA Hardiness Zones</th>
<th>Uses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cherry Blossom: 768,600 Rose: 451,000 Snow: 451,000</td>
<td>100</td>
<td>3-11</td>
<td>Gardens, Hanging Baskets, Strawberry Pots</td>
<td></td>
</tr>
</tbody>
</table>

**Uses:** Summer Breeze F1 Series Available as Ball Premier Line® seed. Plants produce beautiful rose-shaped double flowers and delicious, juicy, bright red berries. The unique semi-double flowers hold on to their petals for lots of color on the plant.

- Cherry Blossom Bright pink flowers.
- Rose Deep pink flowers.
- Snow Bright white flowers.

### SNACKING STRAWBERRY

<table>
<thead>
<tr>
<th>Delizz</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>USDA Hardiness Zones</th>
<th>Uses</th>
</tr>
</thead>
<tbody>
<tr>
<td>441,000</td>
<td>120</td>
<td>3</td>
<td>Containers, Gardens, Hanging Baskets</td>
<td></td>
</tr>
</tbody>
</table>

**Uses:** Delizz 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. All-America Selections Winner.
**SWISS CHARD**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bright Lights</td>
<td>26,300</td>
<td>60</td>
</tr>
<tr>
<td>Celebration</td>
<td>25,800</td>
<td>55</td>
</tr>
<tr>
<td>Eldorado</td>
<td>16,700</td>
<td>55-60</td>
</tr>
<tr>
<td>Fire Fresh</td>
<td>29,900</td>
<td>25-35</td>
</tr>
<tr>
<td>Fordhook Giant</td>
<td>24,900</td>
<td>60</td>
</tr>
<tr>
<td>Northern Lights Mix</td>
<td>28,600</td>
<td>59</td>
</tr>
<tr>
<td>Peppermint</td>
<td>24,900</td>
<td>58-63</td>
</tr>
<tr>
<td>Rhubarb</td>
<td>27,200</td>
<td>55-60</td>
</tr>
<tr>
<td>Silverado</td>
<td>30,000</td>
<td>60</td>
</tr>
</tbody>
</table>

**TOMATILLO**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Super Verde F1</td>
<td>246,000</td>
<td>75</td>
</tr>
<tr>
<td>Tamayo F1</td>
<td>321,000</td>
<td>65</td>
</tr>
</tbody>
</table>
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>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>Beefmaster F1</td>
<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>
<tr>
<td>Beefsteak</td>
<td>172,000</td>
<td>85</td>
<td>Red</td>
<td>16-32 oz. (454-907 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td>New Big Beef Plus F1</td>
<td>161,600</td>
<td>75-80</td>
<td>Red</td>
<td>8-10 oz. (227-283 g)</td>
<td>I</td>
<td>A, F1, N, ST, TSWV, V</td>
</tr>
</tbody>
</table>

**New Big Beef Plus F1 Available as Ball Premier Line® seed.** It has a desirable, rich-looking crimson interior with a classic tomato flavor. Gardeners will fall in love with the colossal fruit size and added disease resistance of Big Beef Plus. Offers greater yield potential, along with improved disease resistance.

### Big Brandy F1
**A PanAmerican Seed® product.**

<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>194,000</td>
<td>82-89</td>
<td>Red</td>
<td>10.5-14 oz. (298-397 g)</td>
<td>D</td>
<td>-</td>
</tr>
<tr>
<td>Bobestock</td>
<td>135,200</td>
<td>70-75</td>
<td>Pink</td>
<td>2.25-2.5 x 3.75-4 in. (6 x 10 cm), 12-16 oz. (340-454 g)</td>
<td>I</td>
<td>HR: LB</td>
</tr>
<tr>
<td>Buffalosteak F1</td>
<td>166,000</td>
<td>75</td>
<td>Red</td>
<td>6 oz. (170 g)</td>
<td>I</td>
<td>HR: F1, F1, ToMV, V IR: N</td>
</tr>
</tbody>
</table>

**New BlushingStar F1** **A PanAmerican Seed® product.** Upgrade your garden with heirloom tomato flavor and modern hybrid tomato performance. Early-maturing, pink beefsteak fruit are sweet and savory, with higher yield potential and fewer blemishes than most heirlooms.

**Buffalosteak F1** **Large size with especially meaty flesh, few seeds. Early in its category. Productive and easy to grow. Good disease resistance.**

See Heirloom Marriage™ Collection, page 260.
<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>Buffalosun F1</strong></td>
<td>150,000</td>
<td>70</td>
<td>Yellow/red/orange</td>
<td>1.1-1.5 lb. (510-680 g)</td>
<td>I</td>
<td>HR: F1&amp;2, V, IR: LB, TSWV</td>
</tr>
<tr>
<td><strong>Carolina Gold F1</strong></td>
<td>179,000</td>
<td>75</td>
<td>Gold</td>
<td>7.5-10 oz. (213-283 g)</td>
<td>D</td>
<td>F1&amp;2, V</td>
</tr>
<tr>
<td><strong>Cherokee Carbon F1</strong></td>
<td>142,100</td>
<td>73</td>
<td>Pink</td>
<td>12 oz. (340 g)</td>
<td>I</td>
<td>HR: V, IR: LB, N</td>
</tr>
<tr>
<td><strong>Damsel F1</strong></td>
<td>159,800</td>
<td>70-75</td>
<td>Purple</td>
<td>2.25 x 3.25 in. (5.6 x 8 cm)</td>
<td>I</td>
<td>LB, V</td>
</tr>
<tr>
<td><strong>DarkStar F1</strong></td>
<td>91,300</td>
<td>75</td>
<td>Red</td>
<td>12 oz. (340 g)</td>
<td>D</td>
<td>HR: F1&amp;2, S, V, IR: LB, N, TSWV</td>
</tr>
<tr>
<td><strong>Galahad F1</strong></td>
<td>205,000</td>
<td>85-90</td>
<td>Pink</td>
<td>32 oz. (907 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td><strong>Henderson’s Pink Ponderosa</strong></td>
<td>197,300</td>
<td>73</td>
<td>Red</td>
<td>8.5 oz. (241 g)</td>
<td>D</td>
<td>HR: F1&amp;2, TSWV</td>
</tr>
<tr>
<td><strong>Jamestown F1</strong></td>
<td>160,000</td>
<td>73</td>
<td>Red</td>
<td>12-14 oz. (340-397 g)</td>
<td>I</td>
<td>HR: F1, N, V, IR: LB</td>
</tr>
<tr>
<td><strong>New Mountain Man</strong></td>
<td>160,700</td>
<td>84</td>
<td>Pink</td>
<td>10-12 oz. (283-340 g)</td>
<td>I</td>
<td>S, ToMV, V</td>
</tr>
<tr>
<td><strong>Mountain Rouge F1</strong></td>
<td>159,000</td>
<td>80</td>
<td>Red</td>
<td>32 oz. (907 g)</td>
<td>I</td>
<td>IR: F1, N, V, V</td>
</tr>
<tr>
<td>SLICER TOMATO</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>
<td>------</td>
<td>--------</td>
<td>-------------------</td>
</tr>
<tr>
<td><strong>Bella Rosa F₁</strong></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, V, IR: S, TSWV</td>
</tr>
<tr>
<td><strong>New Better Boy Plus F₁</strong></td>
<td>138,000</td>
<td>75-80</td>
<td>Red</td>
<td>6-8 oz. (170-227 g)</td>
<td>I</td>
<td>HR: A, F₁, St, ToMV, TSWV, V, IR: N</td>
</tr>
<tr>
<td><strong>Better Bush F₁</strong></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><strong>Biltmore F₁</strong></td>
<td>148,000</td>
<td>80-90</td>
<td>Red</td>
<td>8-10 oz. (227-283 g)</td>
<td>I</td>
<td>HR: A, F₁&amp;₂, S, V</td>
</tr>
<tr>
<td><strong>Burpee’s Big Boy®</strong></td>
<td>168,000</td>
<td>78</td>
<td>Red</td>
<td>8-9 oz. (227-255 g)</td>
<td>I</td>
<td>HR: A</td>
</tr>
<tr>
<td><strong>Bush Champion II F₁</strong></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, V</td>
</tr>
<tr>
<td><strong>Bush Early Girl F₁</strong></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>HR: A, F₁&amp;₂, S, ToMV, V</td>
</tr>
<tr>
<td><strong>Camaro</strong></td>
<td>169,000</td>
<td>72-75</td>
<td>Crimson</td>
<td>7-9 oz. (198-255 g)</td>
<td>D</td>
<td>HR: A, F₁&amp;₂, V, IR: LB, S</td>
</tr>
<tr>
<td><strong>Carmello F₁</strong></td>
<td>140,000</td>
<td>75</td>
<td>Red</td>
<td>10-12 oz. (283-340 g)</td>
<td>I</td>
<td>HR: F₁, S, ToMV, V, IR: N</td>
</tr>
</tbody>
</table>

**Bella Rosa F₁**: High-quality determinate salad variety features a combination of very good heat setting ability. It has large firm, smooth-shouldered fruit with good flavor. Suited for both mature green and vine-ripened markets. The plants are medium-tall and benefit from light to no pruning. Concentrated set and high yield potential.

**New Better Boy Plus F₁**: Better Boy Plus has all the great characteristics of the classic Better Boy, plus more flavor, disease resistance and adaptability! This bright red hybrid is unbelievably juicy and packs an unbeatable 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.

**Biltmore F₁**: Mid-season variety produces a high yield of large, uniform, firm fruit with smooth skin and excellent flavor.

**Burpee’s Big Boy®**: 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. Intermediate Resistance to Tomato yellow leaf curl.

**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.
**NEW Early Girl Plus Tomato**

**SLICER TOMATO continued**

<table>
<thead>
<tr>
<th></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>New Celebrity Plus F1</strong> Available as Ball Premier Line® seed. This tomato is everything you loved about the original, plus added disease resistance. Celebrity Plus produces large, smooth fruit with outstanding flavor perfect for slicing fresh or cooking in sauces.</td>
<td>179,700</td>
<td>72-76</td>
<td>Red</td>
<td>7.5-9.5 oz. (213-269 g)</td>
<td>D</td>
<td>F1, F1&amp;2, N, TMV, TSWV, 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. (170-227 g)</td>
<td>I</td>
<td>HR: A, F1, ToMV, V IR: N</td>
</tr>
<tr>
<td><strong>New Early Girl Plus F1</strong> A Ball Ingenuity™ product, available exclusively through Ball Seed®. Available as Ball Premier Line® seed. One of the best-selling early varieties on the market just got better. Same great taste, with a great disease package to help gardeners have great success. Enjoy more fruit per yield.</td>
<td>139,300</td>
<td>65-70</td>
<td>Red</td>
<td>4-6 oz. (113-170 g)</td>
<td>I</td>
<td>A, F1, F1&amp;2, St, TSWV, V</td>
</tr>
<tr>
<td><strong>Early Resilience F1</strong> 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. All-America Selections Winner.</td>
<td>185,000</td>
<td>70</td>
<td>Red</td>
<td>3-3.5 oz. (85-99 g)</td>
<td>D</td>
<td>IR: A, St, V</td>
</tr>
<tr>
<td><strong>Florida 91 Hybrid F1</strong> Produces extra large, 10-oz. (283-g), smooth, round tomatoes. Strong, healthy vines are determinate and have heat-set capabilities.</td>
<td>217,400</td>
<td>72</td>
<td>Red</td>
<td>10 oz. (283 g)</td>
<td>D</td>
<td>HR: A, F1, S, V</td>
</tr>
<tr>
<td><strong>Genuwine F1</strong> A PanAmerican Seed® product. See Heirloom Marriage™ Collection, page 260.</td>
<td>332,000</td>
<td>75</td>
<td>Red</td>
<td>7 oz. (198 g)</td>
<td>D</td>
<td>HR: A, F1, S, ToMV, V IR: N</td>
</tr>
</tbody>
</table>

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
### 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>Homeslice F1</strong></td>
<td>A PanAmerican Seed® Product.</td>
<td>142,000</td>
<td>60-65</td>
<td>Red</td>
<td>5-6 oz. (142-170 g)</td>
<td>D</td>
</tr>
<tr>
<td><strong>Husky Red F1</strong></td>
<td>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>
</tr>
<tr>
<td><strong>Jet Star F1</strong></td>
<td>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>
</tr>
<tr>
<td><strong>New Lemon Boy Plus F1</strong></td>
<td>Available as Ball Premier Line® seed. Lemon Boy Plus has all the best qualities of the original, plus added flavor and disease resistance. This tomato has a unique yellow color and a sweet, tangy flavor.</td>
<td>163,800</td>
<td>75-80</td>
<td>Yellow</td>
<td>6-8 oz. (170-227 g)</td>
<td>I</td>
</tr>
<tr>
<td><strong>Little Sicily F1</strong></td>
<td>A PanAmerican Seed® Product. Companion to Little Bing and Little Napoli, the compact, sturdy plants produce the majority of ripened fruit over a few weeks for a large harvest. Abundant, good-tasting, small red slicer tomatoes are great eaten fresh or used in recipes. Keeps its tidy shape in containers; grow with or without a trellis.</td>
<td>156,000</td>
<td>60-65</td>
<td>Red</td>
<td>3-4 oz. (85-113 g)</td>
<td>Compact D</td>
</tr>
<tr>
<td><strong>Loki F1</strong></td>
<td>A PanAmerican Seed® product. Huge tomato flavor and performance. Early-maturing, round, red slicer fruit has high yield potential.</td>
<td>128,000</td>
<td>70-75</td>
<td>Red</td>
<td>6 oz. (170 g)</td>
<td>I</td>
</tr>
</tbody>
</table>

**NEW Lemon Boy Plus Tomato**
<table>
<thead>
<tr>
<th>SLICER TOMATO continued</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>Mountain Merit F&lt;sub&gt;1&lt;/sub&gt;</td>
<td>A nice all-around tomato. Compact, uniform plants produce dark red, 3 to 3.5 in. (8 to 9 cm), juicy and mildly flavored fruit perfect for slicing and sandwiches. Offers a 4 to 5-week harvest window. All-America Selections Regional Winner.</td>
<td>167,000</td>
<td>75</td>
<td>Red</td>
<td>10-12 oz. (283-340 g)</td>
<td>D</td>
</tr>
<tr>
<td>Patio F&lt;sub&gt;1&lt;/sub&gt;</td>
<td>Available as Ball Premier Line&lt;sup&gt;®&lt;/sup&gt; seed. Great for containers, the dwarf plants produce deeply oblate, green-shouldered fruit.</td>
<td>161,000</td>
<td>70</td>
<td>Red</td>
<td>4 oz. (113 g)</td>
<td>D</td>
</tr>
<tr>
<td>Pink Girl F&lt;sub&gt;1&lt;/sub&gt;</td>
<td>Available as Ball Premier Line&lt;sup&gt;®&lt;/sup&gt; seed. Smooth-skinned pink tomatoes resist cracking. Pink, deep oblate, green-shouldered and jointed fruit.</td>
<td>141,000</td>
<td>76</td>
<td>Pink</td>
<td>8 oz. (227 g)</td>
<td>I</td>
</tr>
<tr>
<td>Premio F&lt;sub&gt;1&lt;/sub&gt;</td>
<td>Excellent replacement variety for Sweet Cluster tomatoes. Produces good yields in clusters of 6 to 8 fruit with good shelf-life after harvest. The clusters of fruit ripen uniformly, have a good red color and a uniform, round shape. Staking is recommended for best overall yield and fruit quality.</td>
<td>161,000</td>
<td>68</td>
<td>Red</td>
<td>4 oz. (113 g)</td>
<td>I</td>
</tr>
<tr>
<td>Purple Boy F&lt;sub&gt;1&lt;/sub&gt;</td>
<td>A tomato hybrid with a sweet taste and beautiful color. Strong, semi-determinate plant provides ample fruit with traditional heirloom flavor.</td>
<td>157,000</td>
<td>80</td>
<td>Purple/red</td>
<td>6.5 oz. (184 g)</td>
<td>I</td>
</tr>
<tr>
<td>Stellar F&lt;sub&gt;1&lt;/sub&gt;</td>
<td>A PanAmerican Seed&lt;sup&gt;®&lt;/sup&gt; 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.</td>
<td>155,000</td>
<td>70-75</td>
<td>Red</td>
<td>5-7 oz. (142-198 g)</td>
<td>Compact</td>
</tr>
<tr>
<td>Super Fantastic F&lt;sub&gt;1&lt;/sub&gt;</td>
<td>A Ball Ingenuity™ product, available exclusively through Ball Seed&lt;sup&gt;®&lt;/sup&gt;. Available as Ball Premier Line&lt;sup&gt;®&lt;/sup&gt; seed. Produces high yields of solid, meaty, smooth-skinned fruit all Summer.</td>
<td>140,000</td>
<td>70</td>
<td>Red</td>
<td>10 oz. (283 g)</td>
<td>I</td>
</tr>
<tr>
<td>Supersonic F&lt;sub&gt;1&lt;/sub&gt;</td>
<td>A Ball Ingenuity™ product, available exclusively through Ball Seed&lt;sup&gt;®&lt;/sup&gt;. Available as Ball Premier Line&lt;sup&gt;®&lt;/sup&gt; seed. Heavy yields of great-tasting fruit.</td>
<td>170,000</td>
<td>70</td>
<td>Red</td>
<td>6-8 oz. (170-227 g)</td>
<td>I</td>
</tr>
<tr>
<td>Wisconsin 55</td>
<td>Large deep red fruits ripen evenly and have strong skin and solid flesh.</td>
<td>231,000</td>
<td>75</td>
<td>Red</td>
<td>6-8 oz. (170-227 g)</td>
<td>Semi D</td>
</tr>
</tbody>
</table>

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
<table>
<thead>
<tr>
<th>SALADETTE/SAUCE 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>Bellatrix F1</strong></td>
<td>147,500</td>
<td>65-70</td>
<td>Red</td>
<td>4.5-5 oz.   (128-142 g)</td>
<td>D</td>
<td>HR: F1&amp;2, LB, TMV, ToMV</td>
</tr>
<tr>
<td>A PanAmerican Seed® product. Roma/paste tomatoes ripen in a short period of time, allowing for a large harvest for cooking sauce or making salsa.</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Invincible F1</strong></td>
<td>188,000</td>
<td>65-70</td>
<td>Red</td>
<td>4.6 oz.     (113-170 g)</td>
<td>D</td>
<td>LB</td>
</tr>
<tr>
<td>Stands up to Summer heat and rain, maturing early and continuing to set uniform fruit throughout the season on vigorous, mid-size, determinate plants.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>La Roma III Red F1</strong></td>
<td>151,000</td>
<td>76</td>
<td>Red</td>
<td>5-8 oz.     (142-227 g)</td>
<td>D</td>
<td>HR: A, F1, S, V IR: A, S</td>
</tr>
<tr>
<td>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: Trail ing is recommended in areas with short growing season; maturity and yield may be adversely affected under some conditions compared to the original.</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>High-quality, determinate salad variety well suited for cool season production. Attractive red, very firm and smooth-shouldered fruit with good flavor. Medium tall plants benefit from light pruning.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Little Napoli F1</strong></td>
<td>163,000</td>
<td>60-65</td>
<td>Red</td>
<td>2-2.5 oz.   (57-71 g)</td>
<td>Compact D</td>
<td>IR: F1, V</td>
</tr>
<tr>
<td>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. Enough can be harvested at one time for a batch of salsa or sauce. Well-suited to patio planters.</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Mariana F1</strong></td>
<td>139,300</td>
<td>72-74</td>
<td>Red</td>
<td>4-9 oz.     (113-255 g)</td>
<td>D</td>
<td>HR: F1&amp;2, V IR: A, S</td>
</tr>
<tr>
<td>Determinate plants are strong, medium compact and produce high yields of smooth extra-large and large, high-quality saladette fruit with very good uniformity, firmness and shelf life.</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
### SALADETTE/SAUCE 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>Marzinera F1</td>
<td>83,800</td>
<td>68-72</td>
<td>Red</td>
<td>8-12 oz. (227-340 g)</td>
<td>D</td>
<td>HR: F1&amp;2, V IR: S, TSWV</td>
</tr>
<tr>
<td>Perfect Flame F1</td>
<td>185,000</td>
<td>78</td>
<td>Red</td>
<td>2 oz. (57 g)</td>
<td>D</td>
<td>-</td>
</tr>
<tr>
<td>New Rambler</td>
<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>
<tr>
<td>Roma VF</td>
<td>167,000</td>
<td>55-60</td>
<td>Orange</td>
<td>3-4 oz. (85-113 g)</td>
<td>D</td>
<td>IR: F1, V</td>
</tr>
<tr>
<td>San Marzano</td>
<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&amp;2, N, V IR: TSWV</td>
</tr>
<tr>
<td>Sunrise Sauce F1</td>
<td>330,000</td>
<td>70</td>
<td>Red/yellow-striped</td>
<td>1.5 oz. (43 g)</td>
<td>D</td>
<td>-</td>
</tr>
<tr>
<td>Supremo F1</td>
<td>159,500</td>
<td>72-75</td>
<td>Red</td>
<td>8-12 oz. (227-340 g)</td>
<td>D</td>
<td>HR: A, F1&amp;2, V IR: S</td>
</tr>
<tr>
<td>Sweet Casady F1</td>
<td>200,000</td>
<td>70-75</td>
<td>Red</td>
<td>4-5 oz. (113-142 g)</td>
<td>Compact</td>
<td>HR: A, F1, F1&amp;2, V IR: TSWV</td>
</tr>
<tr>
<td>Yaqui</td>
<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, Bacterial speck, F1&amp;2, S, V, IR: N</td>
</tr>
</tbody>
</table>

*New* Rambler Tomato

*New* Sunrise Sauce Tomato

*New* San Marzano Tomato

*New* Sweet Casady Tomato

*New* NEW Thunderbird Tomato

*NEW* Venti Salad Tomato

*NEW* Yaqui Tomato

**Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370**
INDIGO™ SMALL-FRUITED COLLECTION

<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>Kumquat F₁</strong></td>
<td>222,000</td>
<td>75</td>
<td>Orange</td>
<td>1.1-1.5 oz. (28-43 g)</td>
<td>Semi-D</td>
<td>–</td>
</tr>
<tr>
<td><strong>Ruby F₁</strong></td>
<td>220,000</td>
<td>80</td>
<td>Red</td>
<td>2-2.5 oz. (57-71 g)</td>
<td>D</td>
<td>–</td>
</tr>
<tr>
<td><strong>Sun F₁</strong></td>
<td>235,000</td>
<td>72</td>
<td>Yellow</td>
<td>0.75-1.0 oz. (21-28 g)</td>
<td>Semi-D</td>
<td>–</td>
</tr>
<tr>
<td><strong>OP Series</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blue Berries</td>
<td>240,000</td>
<td>65-80</td>
<td></td>
<td>1-2 oz. (28-57 g)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td>Cherry Drops</td>
<td>228,000</td>
<td></td>
<td></td>
<td>Rose 2-2.5 oz. (55-71 g)</td>
<td>I</td>
<td>–</td>
</tr>
<tr>
<td>Rose</td>
<td>235,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SMALL-FRUITED TOMATO

<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>Artemis F₁</strong></td>
<td>256,000</td>
<td>50-55</td>
<td>Red</td>
<td>0.3-0.5 oz. (9-14 g)</td>
<td>I</td>
<td>HR: Leaf mold, N, S, TMV, ToMV</td>
</tr>
<tr>
<td><strong>Braveheart</strong></td>
<td>249,000</td>
<td>60</td>
<td>Red</td>
<td>1 oz. (28 g)</td>
<td>I</td>
<td>HR: F1&amp;2, Leaf mold, ToMV IR: S</td>
</tr>
<tr>
<td><strong>Bumble Bee F₁ Series</strong></td>
<td>307,000, 262,000, 310,000</td>
<td>70</td>
<td></td>
<td>Varies by variety</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td><strong>Candyland Red</strong></td>
<td>475,000</td>
<td>55-60</td>
<td>Red</td>
<td>0.5 x 0.5 in. (1 x 1 cm)</td>
<td>I</td>
<td>-</td>
</tr>
</tbody>
</table>

Indigo varieties are exceptionally high in anthocyanins, noted by the indigo pigmentation on the tomatoes. INDIGO is a trademark of Oregon State University.

**Kumquat F₁**: Oblong grape tomatoes are tangerine-orange with full purple cap.

**Ruby F₁**: Red cherry with intense pigmentation on top hemisphere.

**Sun F₁**: Yellow cherry with purple coloring on shoulders and around crown.

**OP Series**: Cherry tomatoes with strong acidic flavor. • New Blue Berries: Yellow with purple shoulders. • Cherry Drops: Red with black shoulders. • Rose: Red with purple shoulders.

**Artemis F₁**: A PanAmerican Seed® Product. One bite of these super-sweet, rich, red cherry tomatoes will have you craving more; the unique, crisp, firm texture is great in a salad or for sauce.

**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.

**Bumble Bee F₁ Series**: 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.

**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 Winner.
<table>
<thead>
<tr>
<th><strong>SMALL-FRUITED TOMATO continued</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>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>
<td>LB</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>
<td>IR: F1, N, TMV</td>
</tr>
<tr>
<td><strong>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>
<td>HR: F1, Leaf mold, TMV IR: Bacterial speck, LB, N</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>
<td>HR: A, F1, S, IR: Bacterial speck</td>
</tr>
<tr>
<td><strong>Fantastico F1</strong></td>
<td>231,000</td>
<td>50</td>
<td>Red</td>
<td>0.5 oz. (14 g)</td>
<td>D</td>
<td>HR: LB</td>
</tr>
<tr>
<td><strong>Gold Spark F1</strong></td>
<td>200,000</td>
<td>65-70</td>
<td>Gold/yellow</td>
<td>0.4-0.5 oz. (11-14 g)</td>
<td>I</td>
<td>ToMV</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. (28-37 g)</td>
<td>I</td>
<td>-</td>
</tr>
</tbody>
</table>
**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>Heartbreakers F1 Series</strong> 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 • Dora • Vallery</td>
<td>Dora: 261,500 Vallery: 252,000</td>
<td>55/75</td>
<td>Red</td>
<td>0.75-1 oz. (21-28 g)</td>
<td>D</td>
<td>-</td>
</tr>
<tr>
<td><strong>Helix F1</strong></td>
<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. (9-14 g)</td>
<td>I</td>
</tr>
<tr>
<td><strong>Juliet F1</strong> 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 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>
<tr>
<td><strong>Lemon Cherry F1</strong> 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>
<tr>
<td><strong>Little Bing F1</strong> 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 cm)</td>
<td>D</td>
<td>HR: F1&amp;2, V</td>
</tr>
<tr>
<td><strong>Marzito F1</strong> A PanAmerican Seed® product. Specialty small-fruited tomato has an elongated shape reminiscent of a small Roma tomato. Firm texture and sweet, rich flavor mean it can be eaten fresh. Great disease resistance, too.</td>
<td>324,100</td>
<td>50-55</td>
<td>Red</td>
<td>2.25 x 0.75 in. (5.6 x 2 cm)</td>
<td>I</td>
<td>HR: F1, LM, N, TMV, ToMV</td>
</tr>
<tr>
<td><strong>Micro Tom</strong> A PanAmerican Seed® Product. Best suited to 4 to 6-in. (10 to 15-cm) pots.</td>
<td>205,000</td>
<td>50</td>
<td>Red</td>
<td>0.5-0.75 in. (1-2 cm), 0.8 oz. (23 g)</td>
<td>Compact D</td>
<td>-</td>
</tr>
<tr>
<td>Tomato Name</td>
<td>Type</td>
<td>Days</td>
<td>Color</td>
<td>Size</td>
<td>Growth</td>
<td>Disease Resistance</td>
</tr>
<tr>
<td>-------------</td>
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</tr>
<tr>
<td>Midnight Snack F1</td>
<td>A PanAmerican Seed® Product</td>
<td>65-70</td>
<td>Black/purple/red</td>
<td>1.5 in. (4 cm)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td>Mountain Magic</td>
<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>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>Orange Zinger F1</td>
<td>A PanAmerican Seed® Product. 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>60</td>
<td>Orange</td>
<td>0.75-1 oz. (21-28 g)</td>
<td>I</td>
<td>F1, TMV</td>
</tr>
<tr>
<td>Pillar Catch Red F1</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>70-84</td>
<td>Red</td>
<td>0.7 oz. (20 g)</td>
<td>D</td>
<td>-</td>
</tr>
<tr>
<td>New Purple Zebra F1</td>
<td>Fruits are rich with complex flavors and moderately firm texture. Delicious, dark red tomatoes have green stripes and a deep mahogany red interior. All-America Selections Winner.</td>
<td>75-80</td>
<td>Red/green striped</td>
<td>3-4 oz. (85-113 g)</td>
<td>I</td>
<td>HR: F1, LB, ToMV, V IR: TSWV</td>
</tr>
<tr>
<td>Rapunzel F1</td>
<td>A Ball Ingenuity™ product, available exclusively through Ball Seed®. Unique, long-cascading trusses hold up to 40 very sweet, bright red cherry tomatoes per truss.</td>
<td>68-70</td>
<td>Red</td>
<td>0.75-0.9 oz. (21-26 g)</td>
<td>I</td>
<td>IR: F1&amp;2, ToMV</td>
</tr>
<tr>
<td>New Raspberry Drop F1</td>
<td>Large, dark pink cherry/grape tomatoes with excellent flavor. Fruit matures moderately early on an indeterminate vine.</td>
<td>75</td>
<td>Dark pink</td>
<td>0.5-0.7 oz. (14-20 g)</td>
<td>I</td>
<td>HR: ToMV, V IR: F1&amp;2, TSWV</td>
</tr>
<tr>
<td>Red Cherry Large 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>70-80</td>
<td>Red</td>
<td>1 in. (3 cm)</td>
<td>I</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Red Grape F1</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>75</td>
<td>Red</td>
<td>0.75 oz. (21 g)</td>
<td>I</td>
<td>HR: F1&amp;2, N, TMV</td>
</tr>
</tbody>
</table>

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>Red Pear</strong></td>
<td>257,800</td>
<td>70-75</td>
<td>Red</td>
<td>1 oz. (28 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td><strong>Red Profusion F1</strong></td>
<td>198,000</td>
<td>52</td>
<td>Red</td>
<td>.9 oz. (26 g)</td>
<td>D</td>
<td>-</td>
</tr>
<tr>
<td><strong>Red Racer F1</strong></td>
<td>125,000</td>
<td>57</td>
<td>Red</td>
<td>2 oz. (57 g)</td>
<td>D</td>
<td>HR: F1&amp;2, S, ToMV, V IR: N</td>
</tr>
<tr>
<td><strong>Red Robin</strong></td>
<td>246,000</td>
<td>55</td>
<td>Red</td>
<td>2 oz. (57 g)</td>
<td>D</td>
<td>IR: F1&amp;2, N, S, TMV, V</td>
</tr>
<tr>
<td><strong>Red Torch F1</strong></td>
<td>178,000</td>
<td>60-70</td>
<td>Red/yellow striped</td>
<td>1.5 oz. (43 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td><strong>Rosy Finch</strong></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><strong>Ruby Crush</strong></td>
<td>195,000</td>
<td>65-70</td>
<td>Crimson</td>
<td>4-5 oz. (11-14 g)</td>
<td>D</td>
<td>HR: F1&amp;2, ToMV IR: S</td>
</tr>
<tr>
<td><strong>Sparky XSL F1</strong></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><strong>Sugar Rush F1</strong></td>
<td>212,000</td>
<td>50-55</td>
<td>Red</td>
<td>0.75-1.25 in. (2-3 cm)</td>
<td>I</td>
<td>IR: F1, TMV, ToMV</td>
</tr>
</tbody>
</table>

---

**Red Torch** Tomato

**Rosy Finch** Tomato

**Red Racer** Tomato

**Ruby Crush** Tomato

**Sugar Rush** Tomato

**Sparky XSL** Tomato
<table>
<thead>
<tr>
<th>Small-Fructed Tomato continued</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>Sugargloss F1</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 Available as Ball Premier Line® seed.</td>
<td>178,000</td>
<td>85</td>
<td>Red</td>
<td>.5 oz. (14 g)</td>
<td>Semi-D</td>
<td>IR: F1</td>
</tr>
<tr>
<td>Summerlast</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>New Sun Dipper F1 PanaAmerican Seed® Product.</td>
<td>308,200</td>
<td>60-65</td>
<td>Orange</td>
<td>2.25 x 0.5-0.7 in. (5-6 x 1-2 cm)</td>
<td>I</td>
<td>HR: F1, N, TMV</td>
</tr>
<tr>
<td>Sungold F1 Available as Ball Premier Line® seed.</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>New Sunset Torch F1</td>
<td>192,400</td>
<td>75</td>
<td>Red/orange stripe</td>
<td>1 oz. (28 g)</td>
<td>I</td>
<td>HR: F1 &amp;2, ToMV, Virus</td>
</tr>
<tr>
<td>Sunssugar F1 Available as Ball Premier Line® seed.</td>
<td>250,000</td>
<td>62</td>
<td>Orange</td>
<td>1 oz. (28 g)</td>
<td>I</td>
<td>HR: F1, ToMV</td>
</tr>
<tr>
<td>Super Sweet 100 F1 Available as Ball Premier Line® seed.</td>
<td>276,000</td>
<td>57-62</td>
<td>Red</td>
<td>1 oz. (28 g)</td>
<td>I</td>
<td>A, F1, TMV, Virus</td>
</tr>
<tr>
<td>Sweet 100 F1 Available as Ball Premier Line® seed.</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>
</tr>
<tr>
<td>Small-fruited 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>
<td>------</td>
<td>--------</td>
<td>--------------------</td>
</tr>
<tr>
<td><strong>Sweet ‘N Neat F1 Series</strong> Available in two fruit-color choices, these tomato plants are small in size but big in taste. Continuous-fruiting plant will produce an impressive amount of sweet and firm cherry tomatoes on an 8 to 10-in. (20 to 25-cm) plant – great for instant container gardening. • Scarlet • Yellow</td>
<td>Scarlet: 227,000; Yellow: 295,000</td>
<td>50</td>
<td>Varies by variety</td>
<td>1 oz. (28 g)</td>
<td>D</td>
<td>-</td>
</tr>
<tr>
<td><strong>Sweet Elite F1</strong> High yields of big, deep red grape tomatoes with good flavor. Sets well in cooler conditions.</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>IR; S, F1&amp;2, Leaf mold, ToMV</td>
</tr>
<tr>
<td><strong>Sweet Million F1</strong> Available as Ball Premier Line® seed. Early-maturing, round cherry tomato with very uniform fruit. Compared with other varieties of similar habit and sweetness, Sweet Million is less likely to crack and has an improved balanced flavor. Easy to grow, with strong vigor and high yields of firm fruit with an average shelf life.</td>
<td>282,000</td>
<td>60-62</td>
<td>Red</td>
<td>4-5 oz. (11-14 g)</td>
<td>I</td>
<td>HR; F1, ToMV</td>
</tr>
<tr>
<td><strong>Sweet Sturdy Jo F1</strong> Sweet cocktail tomato has extra-soft skin, sweet flavor and bright red color. Plants have excellent vigor, with fruit displayed on top. Good for containers, growing to 32 in. (81 cm) tall.</td>
<td>186,000</td>
<td>65-75</td>
<td>Red</td>
<td>.4 oz. (11 g)</td>
<td>D</td>
<td>-</td>
</tr>
<tr>
<td><strong>Sweet Treats F1</strong> Unique, large-fruited cherry tomato has deep pink skin, smooth texture and excellent flavor and aroma. Crisp, crack-resistant fruit is produced in clusters of 12 to 15 tomatoes.</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, N</td>
</tr>
<tr>
<td><strong>Sweet Zen F1</strong> Red grape tomato offering early maturity and bright red fruit with good Brix and heat tolerance. Firm fruit ship well. Sweet Zen is an extended-harvest type.</td>
<td>320,000</td>
<td>62</td>
<td>Red</td>
<td>0.5-1.5 oz. (14-43 g)</td>
<td>D</td>
<td>-</td>
</tr>
<tr>
<td><strong>Tidy Treats F1</strong> 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.</td>
<td>382,000</td>
<td>50-55</td>
<td>Red</td>
<td>0.75-1 in. (2-3 cm)</td>
<td>Compact</td>
<td>HR; F1, V</td>
</tr>
</tbody>
</table>
## SMALL-FRUITED 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>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 F₁</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>Tutti Frutti F₁ Series</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cherry</td>
<td>206,000</td>
<td>100-105</td>
<td>Variates by variety</td>
<td>0.7 oz. (20 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td>Mandarin</td>
<td>168,000</td>
<td>100-105</td>
<td>Variates by variety</td>
<td>0.7 oz. (20 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td>Melon</td>
<td>252,000</td>
<td>100-105</td>
<td>Variates by variety</td>
<td>0.7 oz. (20 g)</td>
<td>I</td>
<td>-</td>
</tr>
</tbody>
</table>

| **Yellow Canary**        | 272,000                   | 55   | Yellow | 1 in. (3 cm)  | D      | -                 |

Tonymato, T_romatober Garden Tomato, Topsy Tom Tomato, Tumbler F₁, Tumbling Tom Yellow F₁, Tutti Frutti F₁ Series, Yellow Canary
<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>Amish Paste</strong></td>
<td>211,000</td>
<td>80-85</td>
<td>Red</td>
<td>8-12 oz.</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td><strong>Big Brandy F1</strong></td>
<td>138,000</td>
<td>75-80</td>
<td>Pink</td>
<td>12-15 oz. (340-425 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td><strong>Cherokee Carbon F1</strong></td>
<td>158,000</td>
<td>75-80</td>
<td>Purple</td>
<td>10-12 oz. (283-340 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td><strong>Genuwine F1</strong></td>
<td>143,000</td>
<td>70-75</td>
<td>Red</td>
<td>10.5-11.5 oz. (298-326 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td><strong>Jersey Boy F1</strong></td>
<td>140,000</td>
<td>70-75</td>
<td>Red</td>
<td>10-15 oz. (283-425 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td><strong>Marzinera F1</strong></td>
<td>157,000</td>
<td>70-75</td>
<td>Red</td>
<td>3-4 oz. (85-113 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td><strong>Perfect Flame F1</strong></td>
<td>133,000</td>
<td>70-75</td>
<td>Orange</td>
<td>2-3 oz. (57-85 g)</td>
<td>I</td>
<td>-</td>
</tr>
</tbody>
</table>

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.
HEIRLOOM 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>Big Rainbow</strong></td>
<td>224,000</td>
<td>80-102</td>
<td>Gold/pink striped</td>
<td>32 oz. (907 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td><strong>Black Krim</strong></td>
<td>182,000</td>
<td>69-90</td>
<td>Dark red</td>
<td>8-12 oz. (227-340 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td><strong>Black Prince</strong></td>
<td>171,000</td>
<td>74</td>
<td>Dark red</td>
<td>3-5 oz. (85-142 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td><strong>Brandywine Pink Potato Leaf</strong></td>
<td>155,000</td>
<td>88</td>
<td>Red/pink</td>
<td>1-2 lb. (0.5-0.9 kg)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td><strong>Brandywine Red Potato Leaf</strong></td>
<td>150,000</td>
<td>75-80</td>
<td>Red</td>
<td>10-16 oz. (283-454 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td><strong>Cherokee Purple</strong></td>
<td>172,000</td>
<td>72-90</td>
<td>Dark purple/red</td>
<td>10-12 oz. (283-340 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td><strong>Delicious</strong></td>
<td>167,000</td>
<td>77</td>
<td>Red</td>
<td>16 oz. (454 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td><strong>German Johnson</strong></td>
<td>168,000</td>
<td>76-80</td>
<td>Pink</td>
<td>16-32 oz. (454-907 g)</td>
<td>I</td>
<td>-</td>
</tr>
</tbody>
</table>

- Big Rainbow Tomato: 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 Tomato: Available as Ball Premier Line® seed. Flattened, dark red-purple fruit with delicate skin, green shoulders. Very juicy, green-tinted flesh. Must be staked or caged.
- Brandywine Pink Potato Leaf: 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 Tomato: Available as Ball Premier Line® seed. Produces dusky pink-skinned fruit with dark shoulders on short vines. Flavorful flesh ranges from purple to brown to green.
- Delicious Tomato: Available as Ball Premier Line® seed. Produces huge, oblate-shaped tomatoes with delicious flavor. Smooth and crack-resistant.
- German Johnson Tomato: 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.
<table>
<thead>
<tr>
<th>HEIRLOOM 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>Gold Medal Tomato Also known as Ruby Gold, this classic yellow and red bicolor is a gourmet delight.</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>Great White Tomato Meaty, creamy textured fruit has few seeds and a mild, non-acidic taste. Less &quot;viney&quot; and earlier than other whites.</td>
<td>180,000</td>
<td>75-85</td>
<td>Light yellow</td>
<td>10-12 oz. (283-340 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td>Heirloom Rainbow Blend Tomato Available as Ball Premier Line® seed. Eight popular heirloom varieties in a range of fruit colors/shapes/sizes. Includes Mortgage Lifter (pink), Red Brandywine, 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>Jubilee Tomato Available as Ball Premier Line® seed. Round, smooth, golden orange fruit is meaty with few seeds, mild flavor and low acidity.</td>
<td>167,000</td>
<td>80</td>
<td>Gold/orange</td>
<td>8 oz. (227 g)</td>
<td>I</td>
<td>A</td>
</tr>
<tr>
<td>Manitoba Tomato Available as Ball Premier Line® seed. 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>Mortgage Lifter Tomato Available as Ball Premier Line® seed. 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>Old German Tomato Yellow fruit with red exterior and interior center. Outstanding flavor, few seeds.</td>
<td>170,000</td>
<td>75</td>
<td>Red</td>
<td>16 oz. (454 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td>Pineapple Tomato Available as Ball Premier Line® seed. 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>32 oz. (907 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td>Pruden’s Purple Tomato 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>188,000</td>
<td>80</td>
<td>Dark pink</td>
<td>10-16 oz. (283-454 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td>Rutgers Select Tomato Available as Ball Premier Line® seed. Mid-size plants.</td>
<td>187,000</td>
<td>82</td>
<td>Red</td>
<td>5 oz. (142 g)</td>
<td>D</td>
<td>-</td>
</tr>
<tr>
<td>Striped German Tomato Flat, ribbed tomatoes are yellow/red shades with marbled interior. Great-looking slicer with complex flavor and smooth texture.</td>
<td>167,000</td>
<td>78</td>
<td>Yellow/red striped</td>
<td>16 oz. (454 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td>Yellow Pear Tomato Available as Ball Premier Line® seed. 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>
### TURNIP
- **Royal Crown F1**: 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.

### WATERMELON

<table>
<thead>
<tr>
<th>Variety</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cal Sweet Bush</strong></td>
<td>15,400</td>
<td>90</td>
<td>10-12 lb.</td>
</tr>
<tr>
<td>(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>(4.5-5.4 kg)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Crimson Sweet</strong></td>
<td>10,400</td>
<td>85-90</td>
<td>15-25 lb.</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>(6.8-11.3 kg)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Mambo F1</strong></td>
<td>4,500</td>
<td>75</td>
<td>11 lb.</td>
</tr>
<tr>
<td>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. All-America Selections Winner.</td>
<td>(5 kg)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Mini Love F1</strong></td>
<td>10,400</td>
<td>70-80</td>
<td>7-9 lb.</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 Winner.</td>
<td>(3.2-4.1 kg)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sugar Baby</strong></td>
<td>10,400</td>
<td>70-80</td>
<td>8-10 lb.</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 dependable productive.</td>
<td>(3.6-4.5 kg)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sunsugar</strong></td>
<td>10,400</td>
<td>85</td>
<td>18-21 lb.</td>
</tr>
<tr>
<td>Very productive, all-sweet type produces shorter, blockier, classic-sized, 18 to 21 lb. (8.2 to 9.5 kg) fruits. Vigorous vines protect developing fruit from sunburn.</td>
<td>(8.2-9.5 kg)</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. Our quality plants are trialed across North America to ensure our varieties will grow well in any region. Among our best-tasting and top-performing vegetables, fruits and herbs, you’ll find new and unique varieties for foodies, new edibles for hanging baskets and small spaces, and disease-resistant varieties that can stand up to tough conditions and keep producing large harvests.

Our goal is to keep gardeners excited by pairing new, unique varieties and tried-and-true vegetables, fruits, flowers and herbs that consumers know and love. New products that will grab attention at retail include our hanging basket varieties: sweet Peppers from Heaven, available in red, orange and yellow, and the very early-fruiting Jalapeño Pot-a-peño Hot Pepper. Keep gardeners and foodies engaged with Pepper Aleppo, Pepper Spinning Tops and Eggplant Asian Delite.

We work hard to make Burpee the easiest brand for our customers and consumers to choose. Color-coded tags and POP make merchandising and shopping a breeze and will provide a tidy and uniform look at retail.

As always, Burpee provides this POP for FREE. In addition to our new tomato and pepper banners, you will find a brand-new assortment of benchcards highlighting our veggies by class.

Visit burpeehomegardensbrand.com to find out more about the Burpee branded program, and see all the great-tasting, top-performing varieties available from Burpee plants.
Inspire consumers with these enticing 2023 introductions that are bursting with flavor, superior performance and outstanding traits.

Look in the next few pages at our varieties that are Exclusively Burpee!, which means they are unique varieties that you can only get from us.

These buzzworthy products are always top sellers.
appeal to shoppers with indoor herbs displayed in eye-catching plastic sleeves.

2023 vegetables program

bean
blue lake bush
broccoli
destiny f1
brussels sprouts
redarling f1
cabbage
big flat head
fast vantage
sweet slaw
sweet thang
cauliflower
snow crown
cucumber – picking
fresh pickles f1*
gherking f1*
homemade pickles
mexican sour gherkin
cucumber – slicing
burpee hybrid ii
bush champion f1*
patio snacker f1*
tasty green
new telegraph improved

eggplant
new asian delite f1*
better belle f1*
black beauty
early midnight f1*
patio baby f1*

kale
prizm f1*
simplysalad® kale storm mixture

lettuce
buttercrunch
gourmet blend*
heatwave blend*
little caesar*
salad bowl mix

multi-seed pellet lettuce
city garden mix
boost™ healing hands*

melon
ambrosia
sugar cube f1*
okra
baby bubbba*

onion
yellow sweet spanish
peas
masterpiece f1*

pepper – hot
new aleppo
alteno
arnageddon*
basket of fire
big guy jalapeno*
cajun belle
donner red
desperado f1*
dragon rotil
habanero burning bush
habanero orange
hot lemon*
hungarian hot wax
jalapeno gigante ii*
new pot-a-pepa f1*
ristra cayenne ii*
new spining tops
sinracha
boost™ sir
sweet heat f1*
tabasco

pepper – sweet
bananarama*
baton
better belle iv
big daddy hybrid*
california wonder
cherry stuffer f1*
confetti f1*
costa rican sweet hybrid
flavorburst hybrid
new peppers from heaven
orange, red & yellow f1*
giant marconi

goerl standard ii f1*
great stuff hybrid*
jalapeno sweet poppers*
jungle parrot*
mandi grass fun series f1*
new mocha swirl f1*
red standard ii f1*
routlette
thunderbolt f1*

pumpkin
howden

spinach
bloomsdale

squash – summer
burpee golden
burpee hybrid f1*
cupcake*
goldy
lemon drop*
primavera f1*
zucchini dark green

squash – winter
burpee’s bush table queen*
burpee’s butterbush*

strawberry
all star (vegetative)
beni basket® white
berries galore® pink,
rose & white
seascape (vegetative)
sweet kiss® (vegetative)

swiss chard
bright lights

tomato – combos
take 2 action*
take 2 blockbuster*
take 2 camera*

tomato – beefsteak
atlas
beefsteak
new big beef plus
new blushingstar f1*
brandy boy hybrid*
bushsteak f1*
new darkstar f1*
oh happy day f1*
steakhouse hybrid*
supersteak hybrid*

tomato – slicer
new better boy plus
big daddy hybrid*
big pink*
burpee’s big boy*
bush champion ii
bush early girl
new celebrity plus
champion ii
cloudy day f1*
new early girl plus
fourth of july*
homeslice f1*
jet star
new lemon boy plus
steak sandwich hybrid*
boost™ tasti-lee*

red standard ii f1*
sweet bell pepper

2023 vegetables program
2023 HERBS PROGRAM

**Tomato – Paste & Saladette**
- Big Mama Hybrid®
- Fresh Salsa Hybrid
- Gladiator F.
- Juliet F.
- Little Napoli F.
- Patio Delight F.
- SuperSauce F.

**Tomato – Small-Fruited**
- Baby Boomer F.
- Chocolate Sprinkles F.
- Fantastico
- BOOST™ Mighty Sweet F.
- Napa Grape Hybrid
- Orange Zinger F.
- Red Grape
- Shimmer F.
- Sungold
- Sweet 100
- Sweetheart of the Patio
- BOOST™ Tasti-Wee®
- Tidy Treats F.

**Basil**
- Boxwood
- Dolce Fresca
- Everleaf Emerald Towers
- Everleaf Thai Towers
- Nufar
- Pesto Party®
- Pesto Perpetuo
- Rutgers DMR Obsession
- Super Sweet Genovese
- Sweet Italian Large Leaf
- Sweet Mammoth Ruffled
- Try Basil

**Dill**
- Bouquet
- Femleaf
- Ellagance Purple
- Lemon Balm
- Lemongrass

**Mint**
- Apple
- Chocolate
- NEW Mojito
- Pineapple Variegated
- Spearmint

**Oregano**
- Greek
- Hot & Spicy
- Italian
- Variegated

**Parsley**
- Italian Dark Single
- Italian Giant
- Triple Curled

**Rosemary**
- Arp
- Barbecue
- Common
- Officinalis
- Spice Island

**Sage**
- Berggarten
- Common
- Icterina
- Tricolor

**Stevia**
- Summer

**Sweet Marjoram**
- Tarragon
- French

**Thyme**
- English
- Hi-Lo Silver
- Lemon
- Orange Scented
- Summer

*Exclusively Burpee!

Inspire gardeners with FREE retail POP. These promotional tools will help you create effective, standout displays to attract consumers.
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></th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Redarling F1</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>81,000</td>
<td>140-145</td>
<td></td>
</tr>
</tbody>
</table>

### CABBAGE

<table>
<thead>
<tr>
<th></th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Weight</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sweet Slaw</strong></td>
<td></td>
<td>157,000</td>
<td>65</td>
<td>32-35.2 oz.</td>
</tr>
<tr>
<td><strong>Sweet Thang</strong></td>
<td></td>
<td>128,000</td>
<td>65</td>
<td>Non-heading</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.

#### PICKLING CUCUMBER

<table>
<thead>
<tr>
<th></th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fresh Pickles F1</strong></td>
<td></td>
<td>16,300</td>
<td>45-50</td>
<td>M</td>
</tr>
</tbody>
</table>

#### SLICING CUCUMBER

<table>
<thead>
<tr>
<th></th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bush Champion</strong></td>
<td></td>
<td>17,200</td>
<td>55</td>
<td>M</td>
</tr>
<tr>
<td><strong>Gold Standard</strong></td>
<td></td>
<td>14,000</td>
<td>49</td>
<td>M</td>
</tr>
</tbody>
</table>

*Based on cucumbers grown under our trial conditions, harvested when ready to eat and peeled. Actual harvest results may vary.

### EGGPLANT

<table>
<thead>
<tr>
<th></th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Fruit Shape</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Early Midnight</strong></td>
<td></td>
<td>98,000</td>
<td>55</td>
<td>Oval</td>
</tr>
</tbody>
</table>

*Very early, mid-size fruit is tasty and nearly seedless...even if left on the vine too long!* The 6-in. (15-cm) fruits have creamy white flesh with light, gourmet flavor.
**ANNUAL HERBS**

**Basil Pesto Party** *(Ocimum basilicum)*  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.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>186,000</td>
<td>18 to 24 in. (46 to 61 cm)</td>
</tr>
</tbody>
</table>

**LETTUCE & SALAD GREENS**

**Gourmet Blend**  Flavorful mix includes Grand Rapids, Royal Oak Leaf, Red Salad Bowl, Salad Bowl and Ruby. Fast-growing, performs best in cool weather.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>504,000</td>
<td>45</td>
<td>Assorted</td>
</tr>
</tbody>
</table>

**Healing Hands Salad Mix**  Part of the BOOST Antioxidant Collection. 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.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>17,700</td>
<td>42</td>
<td>Assorted</td>
</tr>
</tbody>
</table>

**Heatwave Blend**  Heat-loving blend includes green and purple-red crispy types, romaines, oak-leafed, crisped-frilled, looseleaf and fern-leafed lettuces.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>501,000</td>
<td>50-60</td>
<td>Assorted</td>
</tr>
</tbody>
</table>

**Little Caesar**  Tall heads with sweet, crisp leaves are perfect for Caesar salads. Features green outer leaves and golden blanched inner leaves.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>470,000</td>
<td>70</td>
<td>Romaine</td>
</tr>
</tbody>
</table>

**OKRA**

**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.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>6,800</td>
<td>53</td>
</tr>
</tbody>
</table>

**PEAS**

**Masterpiece F**  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. 60 days to pod harvest.

<table>
<thead>
<tr>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,200</td>
<td>24</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
- NV: Nematodes
- Ph: Phytophthora blight
- PM: Powdery mildew
- PBL: 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 (LxW)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cherry Stuffer F1</strong></td>
<td>54,000</td>
<td>73</td>
<td>Green/red</td>
<td>2 x 2 in. (5 x 5 cm)</td>
<td>IR: TMV</td>
</tr>
<tr>
<td><strong>Confetti F1</strong></td>
<td>74,000</td>
<td>45-70</td>
<td>Green/red</td>
<td>2-2.5 x 1.25-1.75 in. (5-6 x 3-4 cm)</td>
<td>-</td>
</tr>
<tr>
<td><strong>New Gold Standard II F1</strong></td>
<td>65,800</td>
<td>75-80</td>
<td>Green to gold</td>
<td>4.25-4.5 x 4-4.25 in. (11 x 10-11 cm)</td>
<td>BLS0-9, PVY0, TMV, TSWV</td>
</tr>
<tr>
<td><strong>Great Stuff Hybrid</strong></td>
<td>51,000</td>
<td>75</td>
<td>Green/dark red</td>
<td>7 x 5 in. (18 x 13 cm)</td>
<td>IR: TSWV</td>
</tr>
<tr>
<td><strong>Jungle Parrot</strong></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>IR: N, PM, PVY0, TEV</td>
</tr>
<tr>
<td><strong>New Red Standard II F1</strong></td>
<td>68,500</td>
<td>75-80</td>
<td>Green to red</td>
<td>3.75-4.25 x 3.75-4.5 in. (10-11 x 10-11 cm)</td>
<td>BLS0-9, N</td>
</tr>
</tbody>
</table>
## SWEET NON-BELL PEPPER

<table>
<thead>
<tr>
<th>Pepper Type</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (LxW)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bananarama (Big, meaty banana peppers on smaller plants. Peppers start yellow and mature to orange-red; can be picked at any time.)</td>
<td>67,000</td>
<td>70</td>
<td>Yellow/orange-red</td>
<td>8 x 1.25 in. (20 x 3 cm)</td>
<td>-</td>
</tr>
<tr>
<td>Big Daddy Hybrid (Produces jumbo yellow Marconi peppers that are great grilled, sautéed, stir-fried, roasted or stuffed.)</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 (Ruby red peppers are easy to grow and have more flavor than most sweet bell varieties.)</td>
<td>59,000</td>
<td>70</td>
<td>Green/red</td>
<td>6 x 2/3 in. (15 x 5-8 cm)</td>
<td>-</td>
</tr>
<tr>
<td>Jalapeño Sweet Poppers (No-heat jalapeños give you all the flavor without the burn! These peppers are earlier to fruit and produce high yields with well-drained, nutrient-rich soil.)</td>
<td>59,000</td>
<td>65-85</td>
<td>Green/red</td>
<td>3.7-4 x 1.1-3 in. (9-10 x 3 cm)</td>
<td>-</td>
</tr>
<tr>
<td>Mardi Gras Fun F1 Series (The perfect snack-sized peppers feature eye-catching colors that beg to be eaten; all colors can be grown together in one large container for a fun patio display.)</td>
<td>Orange: 72,000, Purple: 67,000, Red: 75,000, Yellow: 61,000</td>
<td>65-80</td>
<td>Varies by variety</td>
<td>3.5 x 1.5 in. (9 x 4 cm)</td>
<td>-</td>
</tr>
<tr>
<td>New Peppers from Heaven F1 Series (Offers consumers a new way to grow sweet peppers. Attractive mounding/trailing habit makes it perfect for hanging baskets. Lots of fleshy fruit turn from green to glossy colors. Compact plants bear fruit all season long with pollinators.)</td>
<td>Orange: 74,900, Red &amp; Yellow: 87,600</td>
<td>70-80</td>
<td>Varies by variety</td>
<td>2.5-3.5 x 0.75-1.25 in. (6-9 x 2-3 cm)</td>
<td>-</td>
</tr>
<tr>
<td>Thunderbolt F1 (Huge Marconi peppers have good flavor and texture, thick walls and satisfying crunch. High-yielding plants work in large containers, gardens.)</td>
<td>67,000</td>
<td>65-80</td>
<td>Green/red</td>
<td>13 x 4 in. (33 x 10 cm)</td>
<td>IR: TMV, TSWV</td>
</tr>
</tbody>
</table>

## CHILI PEPPER

<table>
<thead>
<tr>
<th>Pepper Type</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (LxW)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.)</td>
<td>90,000</td>
<td>95-100</td>
<td>Green/red</td>
<td>1-2 x 1.2-1.6 in. (4-5 x 3-4 cm)</td>
<td>-</td>
</tr>
<tr>
<td>Hot Lemon (Heirloom pepper from Ecuador is as hot as any Cayenne, but with a unique flavor and aroma. Flavorful when green or ripe, best used fresh in sauces or dried.)</td>
<td>95,000</td>
<td>75-80</td>
<td>Green/yellow</td>
<td>3.4 x 0.75 in. (8-10 x 2 cm)</td>
<td>-</td>
</tr>
<tr>
<td>Ristra Cayenne II (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.)</td>
<td>54,000</td>
<td>75-90</td>
<td>Green/red</td>
<td>9-12 x 1.5 in. (23-30 x 4 cm)</td>
<td>-</td>
</tr>
</tbody>
</table>
**ETHNIC HOT PEPPER**

<table>
<thead>
<tr>
<th>Name</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (LxW)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dragon Roll</td>
<td>71,000</td>
<td>67</td>
<td>Green</td>
<td>3-5 in. (8-13 cm)</td>
<td></td>
</tr>
</tbody>
</table>

*Culinary Shishito peppers are on menus and at farmers markets across the nation. These 3 to 5 in. (8 to 13 cm) peppers top out at about 200 Scovilles, making them more mild than jalapeño peppers, but letting you know you got some heat. Best when picked green.*

**JALAPEÑO PEPPER**

<table>
<thead>
<tr>
<th>Name</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Color*</th>
<th>Size (LxW)</th>
<th>Disease Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Big Guy</td>
<td>54,000</td>
<td>69</td>
<td>Green</td>
<td>5 x 1 in. (13 x 3 cm)</td>
<td>IR, PVY, TMV</td>
</tr>
<tr>
<td>Jalapeño Gigante II</td>
<td>70,000</td>
<td>80</td>
<td>Green/red</td>
<td>5 x 1 in. (13 x 3 cm)</td>
<td></td>
</tr>
</tbody>
</table>

*One of the biggest jalapeños in our offering, perfect for pickling, stuffing and slicing. Big, delicious peppers for salsa or stuffing. Easy to grow and harvest throughout the Summer, when they’re green or red.*

**SUMMER SQUASH**

<table>
<thead>
<tr>
<th>Name</th>
<th>Approximate Seed Count/lb.</th>
<th>Days</th>
<th>Type</th>
<th>Size</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)</td>
</tr>
<tr>
<td>Burpee Hybrid</td>
<td>2,700</td>
<td>50</td>
<td>Zucchini</td>
<td>6-8 in. (15-20 cm)</td>
</tr>
<tr>
<td>Cupcake</td>
<td>2,700</td>
<td>30</td>
<td>Patty Pan</td>
<td>2 x 5 in. (5 x 13 cm)</td>
</tr>
<tr>
<td>Lemon Drop</td>
<td>6,800</td>
<td>55-60</td>
<td>Specialty Round</td>
<td>3 x 2 in. (8 x 5 cm)</td>
</tr>
</tbody>
</table>

*Medium-long, bright yellow zucchini are ready to harvest in less than two months. Vigorous, compact, bush-type plants with early, large yields of medium green, tender-skinned fruits. The soft, edible skin of a zucchini with the delicate, sweet flavor of a patty pan squash. Very high-yielding variety will intrigue foodies looking for something unique. Small, lemon-shaped fruits bring a new look and flavor to the table! Unique, creamy yellow squash can be picked at a very young stage. Ideal for fresh eating, sautéed or grilled. Perfect for patio containers and small gardens, bush-shaped plants produce abundant fruit.*

**WINTER SQUASH**

<table>
<thead>
<tr>
<th>Name</th>
<th>Approximate Seed Count/lb.</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>80</td>
<td>Acorn</td>
<td>5 in. (13 cm)</td>
</tr>
<tr>
<td>Burpee’s Butterbush</td>
<td>5,900</td>
<td>75</td>
<td>Butternut</td>
<td>7 x 8 in. (18 x 20 cm)</td>
</tr>
</tbody>
</table>

*Space-saving plants grow about 4 ft. (1.2 m) wide, with each plant producing five 1 to 1.5-lb. (0.5 to 0.7-kg) fruits.*

---

**ALL VARIETIES ARE EXCLUSIVELY BURPEE!**
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 continue to fruit several times in the Summer.

Disease Resistance:
- **HR:** High Resistance
- **IR:** Intermediate Resistance
- **A:** Alternaria stem canker
- **BLS:** Bacterial Leaf Spot
- **EB:** Early blight
- **TMV:** Tobacco Mosaic Virus
- **ToMV:** Tomato Mosaic Virus
- **V:** Verticillium
- **S:** Gray leaf spot
- **St:** Stemphylium
- **F1:** Fusarium Wilt Race 1
- **F1&2:** Fusarium Wilt Races 1 & 2
- **LB:** Late blight
- **N:** Nematodes
- **ToMV:** Tomato Mosaic Virus
- **TSWV:** Tomato Spotted Wilt Virus
- **LB:** Late blight
- **V:** Verticillium
- **N:** Nematodes
- **TSWV:** Tomato Spotted Wilt Virus

**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>Atlas</strong> This determinate beefsteak tomato is well suited for containers or in-ground production. With a big yield of extra-large tomatoes and good disease resistance, Atlas will surely delight any space-saving gardener.</td>
<td>152,000</td>
<td>65</td>
<td>Red</td>
<td>12 oz. (340 g)</td>
<td>D</td>
</tr>
<tr>
<td><strong>Brandy Boy Hybrid</strong> Hybrid of the classic Brandywine has the incredible taste and thin skin of an heirloom without typical heirloom drawbacks. Produces loads of large pink fruits.</td>
<td>152,000</td>
<td>78</td>
<td>Pink</td>
<td>7 to 10 oz. (198 to 283 g)</td>
<td>I</td>
</tr>
<tr>
<td><strong>BushSteak F1</strong> A beefsteak that can be grown in a container! Compact plant produces big, flavorful and meaty tomatoes that mature early. Works in small gardens, too.</td>
<td>146,000</td>
<td>65</td>
<td>Red</td>
<td>8 to 12 oz. (227 to 340 g)</td>
<td>Semi-D</td>
</tr>
<tr>
<td><strong>Oh Happy Day F1</strong> Bred in England like Cloudy Day and suitable for areas with cooler Springs. Produces an outstanding crop of beefsteak tomatoes in clusters of 3 to 7 fruit, with a flavor that’s top notch! Quick to harvest; fruits snap off easily from the stem.</td>
<td>193,000</td>
<td>67</td>
<td>Red</td>
<td>5 to 6 oz. (142 to 170 g)</td>
<td>I</td>
</tr>
<tr>
<td><strong>SteakHouse</strong> One of the world’s largest beefsteaks bears high yields of broad-shouldered tomatoes loaded with true heirloom flavor and wonderful fragrance. NOTE: Support required.</td>
<td>156,000</td>
<td>75-80</td>
<td>Red</td>
<td>1.5 to 4 lb. (680 to 1814 g)</td>
<td>I</td>
</tr>
</tbody>
</table>

All Kale, Flowering Kale, Pepper, Ornamental Pepper and Tomato seed has been tested for seedborne diseases according to the International Seed Health Initiative (ISHI) guidelines.

Order at ballseed.com/webtrack, 800 879-BALL or fax: 800 234-0370
### 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><strong>Big Daddy Hybrid</strong></td>
<td>124,000</td>
<td>78</td>
<td>Ruby red</td>
<td>16 oz. (425 g)</td>
<td>I</td>
<td>IR: F1, V</td>
</tr>
<tr>
<td><strong>Cloudy Day F1</strong></td>
<td>159,000</td>
<td>70</td>
<td>Red</td>
<td>5 oz. (142 g)</td>
<td>I</td>
<td>IR: EB, F1, LB, V</td>
</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><strong>Grand Slam F1</strong></td>
<td>161,000</td>
<td>74</td>
<td>Red</td>
<td>10 to 12 oz. (283 to 340 g)</td>
<td>D</td>
<td>IR: F1, N, TSWV, V</td>
</tr>
<tr>
<td><strong>Steak Sandwich Hybrid</strong></td>
<td>183,000</td>
<td>70</td>
<td>Red</td>
<td>10 oz. (283 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td><strong>Tasti-Lee® F1</strong></td>
<td>187,000</td>
<td>75</td>
<td>Deep red</td>
<td>6 to 8 oz. (170 to 227 g)</td>
<td>D</td>
<td>IR: F1&amp;2, V</td>
</tr>
</tbody>
</table>

**Big Daddy Hybrid** Game-changing breakthroughs in taste, size, disease resistance and yield. Produces a long harvest of meaty, ruby red fruits.

**Cloudy Day F1** 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.

**Fourth Of July F1** Available as Ball Premier Line™ seed. One of the earliest-producing varieties available, yielding small, luscious fruits until late Summer or early Fall.

**Grand Slam F1** Grand Slam hits it out of the park, producing high yields of large, great-tasting slicer tomatoes all Summer long.

**Steak Sandwich Hybrid** Compact, vigorous plants yield dozens of large fruits at a time. Harvest Summer through Fall.

**Tasti-Lee® F1** 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.*

*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.
## SMALL-FRUITED 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>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>IR: F1, V</td>
</tr>
<tr>
<td><strong>Cherry Punch</strong></td>
<td>74,400</td>
<td>48</td>
<td>Red</td>
<td>0.4 oz. (11 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td><strong>Mighty Sweet F1</strong></td>
<td>255,000</td>
<td>65</td>
<td>Red</td>
<td>1.5 oz. (43 g)</td>
<td>Semi-D</td>
<td>IR: ToMV</td>
</tr>
</tbody>
</table>

*Based on vegetables grown under our trial conditions and harvested when ripe. Actual harvest results may vary.

---

## 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 to 6 oz. (113 to 170 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td><strong>Fresh Salsa Hybrid</strong></td>
<td>152,000</td>
<td>65-75</td>
<td>Red</td>
<td>4 oz. (113 g)</td>
<td>D</td>
<td>IR: 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><strong>Patio Delight F1</strong></td>
<td>218,800</td>
<td>55</td>
<td>Red</td>
<td>3 to 4 oz. (85 to 113 g)</td>
<td>Compact D</td>
<td>-</td>
</tr>
<tr>
<td><strong>SuperSauce F1</strong></td>
<td>152,000</td>
<td>70</td>
<td>Red</td>
<td>32 oz. (907 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.
**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>Napa Grape Hybrid</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></td>
<td>97,600</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></td>
<td>236,000</td>
<td>70</td>
<td>Green/gold/burgundy</td>
<td>1.5 oz. (43 g)</td>
<td>I</td>
<td>IR: F1, N, St, TMV, Bacterial speck, BLS</td>
</tr>
<tr>
<td><strong>Solar Power</strong></td>
<td>78,500</td>
<td>63</td>
<td>Orange</td>
<td>2.5 oz. (71 g)</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td><strong>Sweetheart of the Patio</strong></td>
<td>231,000</td>
<td>68</td>
<td>Red</td>
<td>1 oz. (28 g)</td>
<td>Semi-D</td>
<td>IR: LB</td>
</tr>
<tr>
<td><strong>Tasti-Wee</strong></td>
<td>201,000</td>
<td>76</td>
<td>Red</td>
<td>1 oz. (28 g)</td>
<td>Compact</td>
<td>IR: F1&amp;2, TSW, V</td>
</tr>
</tbody>
</table>

*Takes 2 COMBOS (components must be ordered separately)*

- **Action** BushSteak Beefsteak & Baby Boomer Small-Fruited Tomatoes
- **Blockbuster** BushSteak Beefsteak & Indigo™ Fireball Small-Fruited Tomatoes
- **Camera** Homeslice Slicer & Sweetheart of the Patio Small-Fruited Tomatoes

**ALL VARIETIES ARE EXCLUSIVELY BURPEE!**
PETUNIA
P. x hybrid
Paparazzi® Series
Height: 10 to 15 in. (25 to 38 cm)
Spread: 10 to 15 in. (25 to 38 cm)
Available as Ball Premier Line® seed.
Gardeners 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.
- Glamour Pink
- Glitz Yellow
- Midnight Blue
- Palladium Purple
- White Diamonds

ZINNIA
Medium Z. elegans
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.

WEBTRACK®
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BURPEE 277
### Discontinued varieties for 2023

#### ANNUALS

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<th>Recommended Replacement</th>
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</thead>
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<td>Abutilon Bella Select Mix</td>
<td>–</td>
</tr>
<tr>
<td>Ageratum High Tide White</td>
<td>–</td>
</tr>
<tr>
<td>Begonia Topspin Pink</td>
<td>Prelude Plus Pink</td>
</tr>
<tr>
<td>Begonia Topspin Rose</td>
<td>Prelude Plus Rose</td>
</tr>
<tr>
<td>Begonia Topspin Scarlet</td>
<td>Prelude Plus Scarlet</td>
</tr>
<tr>
<td>Begonia Topspin White</td>
<td>Prelude Plus White</td>
</tr>
<tr>
<td>Begonia Topspin Mix</td>
<td>Prelude Plus Mix</td>
</tr>
<tr>
<td>Canna Cannova Lemon</td>
<td>Cannova Yellow</td>
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<tr>
<td>Eschscholzia Chiffon Mix</td>
<td>–</td>
</tr>
<tr>
<td>Flowering Kale Osaka Pink</td>
<td>Osaka IQ Pink Bicolor</td>
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<tr>
<td>Gazania Kiss Orange Flame</td>
<td>Kiss Golden Flame</td>
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<td>Impatiens Dazzler Coral</td>
<td>Beacon Coral</td>
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<tr>
<td>Impatiens Super Elfin XP Coral</td>
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<tr>
<td>Marigold Gem Golden</td>
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<tr>
<td>Marigold Gem Paprika</td>
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<tr>
<td>Marigold Gem Tangerine</td>
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<td>Akila Mix</td>
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<td>Pansy Delta Citrus Mix</td>
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<td>Pansy Delta Premium Persian Medley</td>
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<td>Pansy Matrix Lemon</td>
<td>Spring Matrix Lemon</td>
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<td>Pansy Matrix Purple Blotch</td>
<td>Matrix Deep Blue Blotch</td>
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<tr>
<td>Pansy Majestic Giants II Sherry Blotch</td>
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<tr>
<td>Pansy Panama XP Fire</td>
<td>Pansy Delta Fire</td>
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<td>Pansy Whiskers Yellow</td>
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<td>Petunia Combo Blue</td>
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<td>Petunia Double Madness Red White</td>
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<td>Petunia Paparazzi Fashion Cherry</td>
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<tr>
<td>Petunia Success 360° Salmon Vein</td>
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<tr>
<td>Petunia Trilogy Salmon Morn</td>
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</tr>
<tr>
<td>Petunia Double Picotee Purple</td>
<td>–</td>
</tr>
<tr>
<td>Petunia Double Picotee Red</td>
<td>–</td>
</tr>
<tr>
<td>Phlox Grammy Pink &amp; White</td>
<td>–</td>
</tr>
<tr>
<td>Rudbeckia Arana</td>
<td>–</td>
</tr>
<tr>
<td>Rudbeckia Kokardia</td>
<td>–</td>
</tr>
<tr>
<td>Ruellia Southern Star White</td>
<td>–</td>
</tr>
<tr>
<td>Snapdragon Snapshot Plumblossom</td>
<td>Show Lilac</td>
</tr>
<tr>
<td>Snapdragon Solstice Burgundy</td>
<td>Speedy Sonnet Crimson</td>
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<tr>
<td>Snapdragon Solstice Lavender</td>
<td>–</td>
</tr>
<tr>
<td>Snapdragon Solstice Orange Tricolor</td>
<td>Speedy Sonnet Bronze</td>
</tr>
<tr>
<td>Snapdragon Solstice Pink</td>
<td>Speedy Sonnet Pink</td>
</tr>
<tr>
<td>Snapdragon Solstice Purple</td>
<td>Speedy Sonnet Purple</td>
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<tr>
<td>Snapdragon Solstice Red</td>
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</tr>
<tr>
<td>Snapdragon Solstice Rose</td>
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</tr>
<tr>
<td>Snapdragon Solstice White</td>
<td>Speedy Sonnet White</td>
</tr>
<tr>
<td>Snapdragon Solstice Yellow</td>
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<tr>
<td>Snapdragon Solstice Mix</td>
<td>Speedy Sonnet Mix</td>
</tr>
<tr>
<td>Splenanthus Peek-A-Boo</td>
<td>–</td>
</tr>
<tr>
<td>Stock Midget Mix</td>
<td>Harmony Mix</td>
</tr>
<tr>
<td>Stock Vintage Burgundy</td>
<td>–</td>
</tr>
<tr>
<td>Stock Vintage Copper</td>
<td>–</td>
</tr>
<tr>
<td>Stock Vintage Lavender</td>
<td>–</td>
</tr>
<tr>
<td>Stock Vintage Red</td>
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<tr>
<td>Stock Vintage Rose</td>
<td>Harmony Light Rose</td>
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<tr>
<td>Stock Vintage White</td>
<td>Harmony White</td>
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<td>Stock Vintage Yellow</td>
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<td>Tithonia Limon</td>
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<tr>
<td>Toennia Hi-Lite Blue White</td>
<td>Hi-Lite Blue Jump Up</td>
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<tr>
<td>Verbena Obsession Bordeaux</td>
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<td>Verbena Obsession Cascade Twister Burgundy</td>
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<tr>
<td>Vinca Coral Cascade Cherry</td>
<td>Coral Cascade XDR Punch</td>
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<td>Vinca Mediterranean Lilac</td>
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<td>Vinca Pacifica XP Cranberry</td>
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<td>Vinca Pacifica XP Icy Pink</td>
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<td>Vinca Vitesse Blue</td>
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<td>Vinca Vitesse Patriot Mix</td>
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<tr>
<td>Viola Penny Azure Dawn</td>
<td>Penny Marina</td>
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<td>Viola Sorbet Antique Shades</td>
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<tr>
<td>Viola Sorbet Ruby Gold Babyface</td>
<td>Admire Ruby Gold</td>
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<tr>
<td>Viola Sorbet Violet Beacon</td>
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<tr>
<td>Zinnia Crystal Orange</td>
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<td>Zinnia Crystal White</td>
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<td>Zinnia Crystal Yellow</td>
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#### CUT FLOWERS

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<thead>
<tr>
<th>Discontinued Variety</th>
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<tr>
<td>Celosia Sunday Purple</td>
<td>Sunday Purple Improved</td>
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<tr>
<td>Lisianthus Doublelin Rose Pink</td>
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<tr>
<td>Matthiola Column Miracle White</td>
<td>Column Avalanche</td>
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<tr>
<td>Snapdragon Rocket Cherry</td>
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**POTTED PLANTS**

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<tr>
<td>Cyclamen Sierra Flame Mix</td>
<td>Hallos HD Flame Mix</td>
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<tr>
<td>Cyclamen Super Mini Winter Neon Flame</td>
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<tr>
<td>Cyclamen Super Mini Winter Neon Pink</td>
<td>Super Mini Winter Neon Deep Pink</td>
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<tr>
<td>Cyclamen Super XL Dark Salmon Pink</td>
<td>Super XL Light Salmon Pink</td>
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<tr>
<td>Gerbera Cartwheel Chardonnay</td>
<td>–</td>
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<tr>
<td>Gerbera Jaguar Fire With Light Eye</td>
<td>–</td>
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<tr>
<td>Gerbera Jaguar Lemon With Dark Eye</td>
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<tr>
<td>Gerbera Mega Revolution Salmon Rose</td>
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<tr>
<td>Gerbera Royal Apricot Dark Eye</td>
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<tr>
<td>Gerbera Royal Deep Orange Dark Eye</td>
<td>Revolution Deep Orange with Dark Eye</td>
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<tr>
<td>Gerbera Royal Deep Pink Dark Eye</td>
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</tr>
<tr>
<td>Gerbera Royal Deep Rose Dark Eye</td>
<td>Jaguar Rose Dark Eye</td>
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<tr>
<td>Gerbera Royal Golden Yellow Dark Eye</td>
<td>–</td>
</tr>
<tr>
<td>Gerbera Royal Orange Scarlet Dark Eye</td>
<td>Jaguar Fire Dark Eye</td>
</tr>
<tr>
<td>Gerbera Royal Peach Dark Eye</td>
<td>–</td>
</tr>
<tr>
<td>Gerbera Royal Red Dark Eye</td>
<td>Revolution Dark Red Eye</td>
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<tr>
<td>Gerbera Royal Yellow Dark Eye</td>
<td>Jaguar Yellow Dark Eye</td>
</tr>
<tr>
<td>Gerbera Royal White Light Eye</td>
<td>Revolution White Light Eye</td>
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<tr>
<td>Gerbera Royal Red Bicolor Dark Eye</td>
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<tr>
<td>Gerbera Royal Semi Double Deep Rose With Light Eye</td>
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<tr>
<td>Gerbera Royal Semi Double Watermelon With Dark Eye</td>
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<tr>
<td>Gerbera Royal Formula Mix</td>
<td>Revolution Select Mix</td>
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<td>Gerbera Royal Growers Choice Mix</td>
<td>Jaguar Mix</td>
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<tr>
<td>Gerbera Royal Premium Mix</td>
<td>Revolution Select Mix</td>
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<tr>
<td>Gerbera Royal Prince Neon Violet</td>
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<tr>
<td>Ornamental Pepper Mambo Yellow Red</td>
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<tr>
<td>Primula Danova Rose Lavender Shades</td>
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<td>Primula Primrose Mix</td>
<td>Danova Mix</td>
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<td>Primula Pacific Coast Mix</td>
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<td>Primula SuperNova Golden Yellow</td>
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<tr>
<td>Sunflower Soluciton Lemon</td>
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**PERENNIALS**

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<tr>
<td>Aquilegia Clementine Blue</td>
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<td>Aquilegia Clementine Mix</td>
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<td>Aquilegia Clementine Red</td>
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<td>Aquilegia Clementine Rose</td>
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<td>Aquilegia Clementine Salmon Rose</td>
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<tr>
<td>Aquilegia Winky Double Mix</td>
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<td>Aquilegia Winky Mix</td>
<td>Earlybird Mix</td>
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<tr>
<td>Arabis Barranca Deep Rose</td>
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<td>Arabis Barranca Pink</td>
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<tr>
<td>Aubrieta Audrey Blue Deep Shade</td>
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<tr>
<td>Campanula Alpine Breeze Blue</td>
<td>Pearl Deep Blue</td>
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<tr>
<td>Campanula Alpine Breeze White</td>
<td>Pearl White</td>
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<tr>
<td>Dianthus Zing Rose</td>
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<tr>
<td>Pennisetum Fuzzy</td>
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<tr>
<td>Saxifraga Rocco Red</td>
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**VEGETABLES**

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<thead>
<tr>
<th>Discontinued Variety</th>
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<tbody>
<tr>
<td>Basil Eleonora</td>
<td>Rutgers DMR Obsession</td>
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<tr>
<td>Basil SimplyHerbs</td>
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<td>Basil SimplyHerbs</td>
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<tr>
<td>Brussel Sprouts Franklin</td>
<td>Jade Cross</td>
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<tr>
<td>Carrot Duquesa</td>
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<tr>
<td>Dill SimplyHerbs Fernleaf</td>
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<tr>
<td>Eggplant Meatball</td>
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<tr>
<td>Eggplant Nadia</td>
<td>Classic</td>
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<tr>
<td>Kale Roulette</td>
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<tr>
<td>Kale Starmaker</td>
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<tr>
<td>Olra French Quarter Pink</td>
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<td>Olra French Quarter Red</td>
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<tr>
<td>Onion Red Hunter</td>
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<td>Parsley SimplyHerbs Curled</td>
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<td>Parsley SimplyHerbs Flat</td>
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<tr>
<td>Pepper Emerald Fire</td>
<td>Spicy Slice</td>
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<tr>
<td>Pepper Flaming Jade</td>
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<tr>
<td>Pepper Gold Standard</td>
<td>Gold Standard II</td>
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<td>Pepper Holy Molé</td>
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<td>Pepper Hot Sunset</td>
<td>Hungarian Hot Wax</td>
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<td>Pepper Nikita</td>
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<td>Pepper Red Standard</td>
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<td>Pepper Revolution</td>
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<td>Pepper Serrino</td>
<td>Pathfinder</td>
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<td>Pumpkin Autumn Gold</td>
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<td>Pumpkin Gladiator</td>
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<td>Pumpkin Kratos</td>
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<td>Radish Crunchy Red</td>
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<td>Salvia Sage SimplyHerbs</td>
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<td>SimplySalad Pro San</td>
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<td>SimplySalad Pro Tatu</td>
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<tr>
<td>Strawberry Berri Basket Rose</td>
<td>Berries Galore Rose</td>
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<td>Strawberry Milan</td>
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<tr>
<td>Swiss Chard Ball</td>
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<td>Tomato Better Boy</td>
<td>Better Boy Plus</td>
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<td>Tomato Better Beef</td>
<td>Big Beef Plus</td>
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<tr>
<td>Tomato Celebrity</td>
<td>Celebrity Plus</td>
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<tr>
<td>Tomato Grand Slam</td>
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<td>Tomato Health Kick</td>
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<td>Tomato Indigo Fireball</td>
<td>Indigo Sun</td>
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<td>Tomato Indigo Starburst</td>
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<td>Tomato Lemon Boy</td>
<td>Lemon Boy Plus</td>
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<td>Tomato Madame Marmande</td>
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<td>Tomato Mountain Spring</td>
<td>Mountain Man</td>
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<td>Tomato Phoenix</td>
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<td>Tomato Portefhouse</td>
<td>SteakHouse Hybrid</td>
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<td>Tomato Skyreacher</td>
<td>Early Girl Plus</td>
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<td>Tomato Summerseed</td>
<td>Celebrity Plus</td>
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<tr>
<td>Tomato Tidy Rose</td>
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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, SAD ARTICATION TO BE HELD IN COOK OR DUPAGE COUNTIES, ILLINOIS. The laws of several states require arbitration, conciliation or mediation of disputes involving allegedly defective seeds 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 COUNTIES.

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 insurance; Seller takes no responsibility, and shall have no liability for insurance. Requests to package seed in unlisted sizes will incur a charge of $0.75 per packet. Additional processing and handling charges may be added.

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 when due, and in addition to all other 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, WHICHSOEVER 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 EFT TRANSACTION OR DECLINED BANKCARD TRANSACTION. If paying by pre-Authorized Debit (PAD) or EFT, please note you have waived your right to receive pre-notification of the amount of the PAD and agreed that you will not request advance notice of the amount of PADs before the debit is processed.

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 damages, shortages, open or resealed cartons on the delivery receipt; the carrier’s representative must also sign the receipt. 5) Open all boxes immediately and inspect for damage, such as scorched, frozen or broken plants; material shortages; etc. NOTIFY SELLER IMMEDIATELY IF A SHIPMENT IS DEFECTIVE. 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 liners or seed-raised plugs must be received prior to stick or sow date.

NOTICE & RETURN

Sellers shall have no liability for any defect unless notice is given promptly, not to exceed thirty (30) days after such defect is or should have been discovered. The buyer is limited to six months from the ship date to report issues. Issues that arise past six months will not be considered for credit. 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 requests 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 of the merchandise returned must be quoted 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 small handling fee will be required upon authorization of return. There is a $20.00 freight charge for the FedEx return. Seed must be returned in the original condition within thirty (30) days of the ship date for full 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 received 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

Sellers shall not be responsible for delays in delivery or for losses resulting from such delays. Sellers reserves the right to make partial shipment. In the event of shortages, Sellers may substitute such other, similar merchandise as is available.

PLAnt PROTECTION

Varieties described herein may be covered by the Flowering-Only Terms and Conditions of Sale Agreement, United States Plant Patents, United States Plant Variety Protection, Utility Patents, and Plant Breeders’ Rights. These varieties may not be reproduced without authorization. The Seller or authorized representative has the right to inspect Purchaser’s nurseries during normal business hours to assess compliance with the restrictions on use of protected varieties.

TRADEMARKS

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SALES LIMITATIONS

EXPORT CONTROL

THE COMPANY’S PRODUCTS MAY NOT BE SOLD, DIVERTED, TRANSMITTED 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 “SPECIALLY DESIGNATED NATIONAL’S LIST” WITHOUT AN APPROPRIATE LICENSE.

FOREIGN CORRUPT PRACTICES ACT

EACH PARTY REPRESENTS AND WARRANTS TO THE OTHER PARTY 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 OFFICIAL 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 IMPROPER ADVANTAGE.

NOTICE REGARDING SEED-BORNE DISEASES

Seller makes no representation regarding the freedom from seed-borne diseases of any seed sold and disclaims any liability relating to the same whether previously known to exist or not identified until this seed is grown.
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