2022 NEW VARIETIES
PLANTS FOR GROWING SUCCESS!

PanAmerican Seed.
Moving forward with Wave®
Wave, the world’s best-selling petunia, moves the market forward once again with the introduction of an all-new earlier, easy-to-produce series. Turn the page to find out more...

PanAmerican Seed® is your global partner for a wide range of high-quality seed products to help you have a successful growing season. Our regional customer service representatives are available when you need us, and we have technical support to help you always grow your best.

Our 2022 introductions include a number of exciting varieties that provide you with growing solutions, like E3 Easy Wave™ Petunias, an Early, Efficient and Evolutionary series that starts the Wave sales season even earlier! Beacon® Rose makes a bold new addition to the impatiens series with high resistance to Impatiens downy mildew. We are also pleased to announce our new cut flower venture, BloomStudiosSM. With a great new cut flower marigold for Dia de los Muertos celebrations, as well as two new Sweet™ Dianthus varieties, we have a lot to offer. Find out more at BloomStudios.com. Plus, the Kitchen Minis® Collection expands with two edible potted tomato plants that will entice consumers to buy, eat and repeat their purchase of these indoor/outdoor tabletop varieties.

Visit panamseed.com for more product information and growing culture on these and all our tried-and-true varieties to enhance your program and expand your business during these unique times. You can count on us to be there when and where you need us!
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**Meet Our Cover Stars!**

**FRONT:**
- E3 Easy Wave™ Blue Spreading Petunia
- White Lion Leucanthemum
- Beacon® Rose Impatiens
- ColorBloom™ Deep Orange with Dark Eye Gerbera
- ‘Everleaf Thai Towers’ Basil
- Xochi Orange F1 Marigold

**BACK:**
- E3 Easy Wave™ Sky Blue Spreading Petunia
Wake up early season sales!
This brand-new Wave® series flowers at 10 hours daylength, and it will be ready at retail to kick off Easy Wave sales even earlier! With a manageable, uniform plant structure and vigour, this new series offers simple production to save on labour costs. The plants can be grown at lower PGR rates than Easy Wave, so we say it’s ‘Extra Easy’ Wave! The plants look better longer at retail for even better sell-through and still provide the extraordinary performance that consumers expect!

It’s Early, it’s Efficient, it’s the Evolution of Easy Wave… it’s E3!

SPREADING PETUNIA
Petunia x hybrida
E3 Easy Wave™ Series F1

- 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
- Seed supplied as: Pelleted
- Plug crop time: 4 to 6 weeks
- Transplant to finish: Spring 6 to 7 weeks, Summer 4 to 5 weeks
- A new Wave brand series is now available to fulfill sales earlier in the season.
- All colours flower at or under 10 hours daylength.
- E3 Easy Wave offers simplified production, as it can be successfully grown at lower PGR rates than Easy Wave (except Blue).
- All E3 Easy Wave varieties have a similar, uniform plant structure and vigour, which means simplified plant management.
- Plant holding capabilities across the series mean better quality over a longer time period for an extended sales window.
- E3 Easy Wave fulfills the Wave brand promise of easy spreading colour with superior performance: a manageable spreading habit, long bloom time and sheer colour value!
- Mounding and spreading habit offers a three-dimensional landscape effect, creating impressive baskets and planters.
- Recommended in Wave branded packaging: 6-in./15-cm pots, premium quarts and gallons, 306 premium packs with handle, hanging baskets.

Find product & growing info at panamseed.com / SPREADING PETUNIA
New Blue Requires 10 hours daylength. Most vigorous of the series, so it is recommended to be grown at the Easy Wave PGR rates. Cold durable.

New Coral Deep coral-salmon with slight veining. Requires 9.5 hours daylength. Can be produced using the Easy Wave PGR rates or at half the rate. Cold durable.

New Pink Mid-true pink colour. Requires 9.5 hours daylength. Can be produced using the Easy Wave PGR rates or at half the rate. Cold durable.

New Pink Cosmo Medium pink with deeper pink veins that are more prominent in cooler and lower light conditions. Requires 10 hours daylength. Can be produced using the Easy Wave PGR rates or at half the rate. Cold durable.

New Red True deep, vibrant red colour. Requires 9.5 hours daylength. Variety is more receptive to PGRs, so best control is achieved at half the rate of Easy Wave. Cold durable.

New Sky Blue Requires 9.5 hours daylength. Flowers will lighten with age and in high light conditions. Can be produced using the Easy Wave PGR rates or at half the rate. Cold durable.

New White Pure, clean white. Requires 9 hours daylength. Can be produced using the Easy Wave PGR rates or at half the rate. Cold durable.
SPREADING PETUNIA continued

Shock Wave® Series F1

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

Seed supplied as: Pelleted

Plug crop time: 4 to 6 weeks
Transplant to finish: Spring 5 to 6 weeks, Summer 4 to 5 weeks

• Blooms in a 4 to 6-day window.
• Smaller blooms rebound faster from overhead watering and rain than other petunias – stays fresher-looking at retail and outdoors.
• Performs equally well in small spaces, baskets, containers and mixed combos.
• Mounded, spreading plants are similar in shape and just as easy to manage as Easy Wave petunia.
• Recommended in Wave branded packaging: 4-in./10-cm pots, premium quarts, 306 premium packs with handle, hanging baskets.

New White Pure white variety requires 10.5 hours daylength for best flowering. Replaces Coconut. Plant vigour is slightly more compact than Red and fits the series well. Cold durable.

New Spark Mixture Improved Includes NEW White in place of Coconut, so the mix is more uniform in habit and vigour, making it easier to produce. Also includes Denim and Pink Shades.

New Volt Mixture Improved Includes NEW White in place of Coconut, so the mix is more uniform in habit and vigour, making it easier to produce. Also includes Denim and Red.

Packed with petite blooms!
You’ve never seen petunia hanging baskets like these – each Shock Wave plant is blanketed with masses of colour from the amazing number of petite, high-impact flowers.

Request your Product Information Guide for full culture details
NEW
Spark Mixture Improved

NEW
Volt Mixture Improved
High resistance to Impatiens downy mildew!

Bring *Impatiens walleriana* back into production without the risk of disease! Beacon impatiens offers high resistance to the currently known and widely prevalent populations of *Plasmopara obducens*, which cause Impatiens downy mildew. For lasting colour, you can rely on Beacon impatiens to thrive. Visit BeaconImpatiens.com for more information.
MEGAsize + MEGAcolour = MEGAsales!

This fresh, high-energy begonia option has quickly proven itself in the marketplace with great timing benefits and ultimate garden power. These bigger-than-life hybrids offer amazing colour to early-bird gardeners.

**BEGONIA**

*Begonia interspecific*

**Megawatt™ Series F1**

- Height: 20 to 28 in./51 to 71 cm
- Spread: 16 to 24 in./41 to 61 cm
- Seed supplied as: Pelleted
- Plug crop time: 7 to 8 weeks
- Transplant to finish: 7 to 9 weeks
- Striking, non-stop flowers keep plants covered in huge colour from Spring through Autumn...even in heat and drought.
- Sturdy flower stems hold flowers above the foliage for superior show versus others.
- Shows well at retail and perfect for landscapes, baskets, big tubs and borders.

**New Pink Bronze Leaf Improved**

Features darker bronze foliage and no green leaf off-types, with a more intense pink bloom colour and no shading.

Also available in:
- Pink Green Leaf
- Red Bronze Leaf
- Red Green Leaf
- Rose Bronze Leaf
- Rose Green Leaf

Request your Product Information Guide for full culture details
Shocking Summer Colour!
The most heat-tolerant interspecific dianthus, Jolt’s electrifying colours make them sure standouts in landscapes and garden beds, as well as premium containers. These highly durable plants withstand hot conditions with few disease issues and continue to flower without setting seed for a really powerful garden performance!

**INTERSPECIFIC DIANTHUS ◊**  
*Dianthus barbatus interspecific*

**Jolt™ Series F1**

- **Height:** 16 to 20 in./41 to 51 cm
- **Spread:** 12 to 14 in./30 to 36 cm
- **Flower size:** 1 in./3 cm
- **Seed supplied as:** Pelleted
- **Plug crop time:** 4 to 5 weeks
- **Transplant to finish:** Late Spring through Autumn finish, 11 to 13 weeks; Winter finish, 14 to 18 weeks

- **Shocking Summer Colour** from the most heat-tolerant Interspecific Dianthus!
- Electrifying colours and all-season performance make Jolt stand out in landscapes and premium containers.
- Highly durable plants withstand hot conditions with few disease issues and continue to flower without setting seed.
- Grower-friendly, well-branched plants are easy to produce with less to no PGRs.
- **New Purple** Drive-by bright! Stunning Purple has a bloom size and landscape performance to match the rest of the series.

Also available in:
- Cherry Pink (All-America Selections National Winner)
- Pink Magic

Find product & growing info at panamseed.com / Dianthus
PACK COLEUS
Solenostemon scutellarioides

Wizard® Series
Height: 12 to 14 in./30 to 36 cm
Spread: 10 to 12 in./25 to 30 cm
Seed supplied as: Raw
Plug crop time: 5 to 6 weeks
Transplant to finish: 7 to 9 weeks
• Low-maintenance, uniform and basal-branching plants are late-flowering, extending their landscape value.
• Mid-sized leaves.
• Great for packs.
• Useful for indoor plant programs.
New Select Mixture Improved
Less sensitive to downy mildew, with a more attractive colour combination and a better colour balance than the competition. Includes Coral Sunrise, Jade, Mosaic, Scarlet, Sunset and Velvet Red.
Also available in:
Coral Sunrise
Golden
Jade
Mosaic
Rose
Scarlet
Sunset
Velvet Red
Mixture

PETUNIA
Petunia x hybrida

Madness® Series F1
Height: 10 to 15 in./25 to 38 cm
Spread: 10 to 12 in./25 to 30 cm
Seed supplied as: Pelleted
Plug crop time: 4 to 5 weeks
Transplant to finish: 5 to 6 weeks
Available in North America only.
• Home gardeners and pro landscapers across North America know they can count on fantastic flower power...a bounty of vibrant colours...and never-ending shows that last until first frost.
• Exceptional seed quality, plug performance and uniformity across all colours from sow to finish.
• Well-branched, floriferous plants are covered with an abundance of 3-in./8-cm blooms.
New Deep Rose
Features large flowers and a brilliant deep rose colour.

Mirage Series F1
Height: 10 to 15 in./25 to 38 cm
Spread: 10 to 12 in./25 to 30 cm
Seed supplied as: Pelleted
Plug crop time: 4 to 5 weeks
Transplant to finish: 4 to 5 weeks
Not available for sale in North America.
• Delivers outstanding performance at every stage – seed quality, seedling vigour and plant habit.
• Very broad colour range was selected for performance across a wide range of conditions.
• Perfect balance of show at point-of-sale without sacrificing garden performance.
• Beautiful blooms make impressive displays in mass plantings and gardens all season until frost.
New Deep Rose
Adds an important colour that was missing from the series. Same timing as Mirage Rose; flowers are on the large side for the series.
VIOLA ★★★

Viola cornuta

Sorbet® Series F1

Height: 6 to 8 in./15 to 20 cm
Spread: 6 to 8 in./15 to 20 cm
Flower size: 1 to 1.5 in./3 to 4 cm
Seed supplied as: Raw, Primed

Plug crop time: 4.5 to 5 weeks
Transplant to finish: Early Spring

• Plants cover the soil at flowering with more blooms and less stretching, and fewer PGRs are needed.
  • Superior holdability and less shrink.
  • Use in Autumn and Spring programs - the novelty colours have good retail and home garden appeal.

New Tiger Eye Unusual striped pattern is excellent for Fall sales. Habit and timing match Sorbet XP.

Sorbet XP Series F1

Height: 6 to 8 in./15 to 20 cm
Spread: 6 to 8 in./15 to 20 cm
Flower size: 1 to 1.5 in./3 to 4 cm
Seed supplied as: Raw, Primed

Plug crop time: 4.5 to 5 weeks
Transplant to finish: Early Spring

• Sorbet XP needs fewer PGRs, with superior holdability and less shrink.
  • F1 vigour assures greater germination,earliness, and excellent plug and garden performance.
  • Violas are a key pro landscaper item and Sorbet XP excels at every turn: plants cover the soil at flowering, with more blooms on every plant and less stretching; stay compact in both heat and cold; excellent overwintering; wide range of clear colours allows for custom mixes.
  • Well-suited to Spring and Autumn packs and 3.5-in./9-cm pots.

New Rose Blotch Rose with a defined blotch. Times on the early side of the series.
PERENNIALS

KieftSeed™
LEUCANTHEMUM
Leucanthemum x superbum

New White Lion F1
Height: 8 to 10 in./20 to 25 cm
Spread: 8 to 12 in./20 to 30 cm
Flower size: 3 to 3.5 in./8 to 9 cm
USDA Hardiness Zones: 3b to 9a
(-35 to 20°F/-37 to -7°C minimum temperatures)
A First-Year-Flowering Perennial.
Seed supplied as: Raw
Plug crop time: 5 to 6 weeks
Transplant to finish: annual, 9 to 12 weeks; overwintered, 18 to 26 weeks (18 in southern regions)
• The Spring Shasta! This unique compact seed leucanthemum can be grown in short days (10-hour daylength requirement) - perfect for early Spring sales!
• Ideal for an annual production schedule. No supplemental lighting needed, flowers under natural days.
• Perfect for overwintered production in natural short days, finished under natural short days, when it will bulk more uniformly. No supplemental light or Night Interruption needed.
• No other seed variety offers this early programming solution!

LOBELIA
Lobelia x speciosa

Starship™ Series F1
Height: 20 to 24 in./51 to 61 cm
Spread: 8 to 12 in./20 to 30 cm
USDA Hardiness Zones: 6a to 10b
(-10 to 35°F/-23 to 2°C minimum temperatures)
A First-Year-Flowering Perennial.
Seed supplied as: Pelleted
Plug crop time (288 tray): Scarlet, 7 to 9 weeks; all others, 8 to 10 weeks
Transplant to finish: 14 to 18 weeks
• Earlier flowering; improved branching; low stretch; uniform, controlled habit; and huge flower power assure a better-quality finished plant than the competition.
• NEW Rose matches Scarlet for timing and uniformity.
• Pretty Summer plant for beds and borders – prefers higher temperatures, humidity and moisture.
• Good germination and plug yield.
• Versatile series works well from 5-in./13-cm pots to higher-value 1 and 2-gallon containers.
• Performs well in both annual and perennial combos.
• Attracts hummingbirds and butterflies.
New Rose A bright rose colour.
Also available in:
Blue
Burgundy
Deep Rose
Scarlet
Scarlet Bronze Leaf
POTTED PLANTS
GERBERA
Gerbera jamesonii

**ColorBloom™ Series F1**

- **Height:** 4 to 6 in./10 to 15 cm
- **Spread:** 6 to 8 in./15 to 20 cm
- **Flower size:** 3 to 4 in./8 to 10 cm
- **Seed supplied as:** Coated
- **Plug crop time:** 6 to 7 weeks
- **Transplant to finish:** 6 to 10 weeks

- The ColorBloom series is specially designed for the quart/11-cm retail market.
- ColorBloom is the most uniform series on the market, with the best performance for consumers.
- The series is around 10 days faster to flower than competitors.
- More uniform with a shorter flower window.
- It has a higher amount of usable plants due to better seed quality.
- Offers a compact plant habit that requires less to no PGRs.
- Series holds its colour better and won’t fade in high light.

**New Bicolor Red White** A unique bicolour for this quart/11-cm pot market segment! Fits the series for controlled plant habit and consumer performance; 5 days later to flower like Bicolor Orange Yellow and NEW Deep Orange with Dark Eye.

**New Deep Orange with Dark Eye** Features a good orange colour that doesn’t fade under higher light conditions. Fits the series very well for plant habit and consumer performance; 5 days later to flower like NEW Bicolor Red White and Bicolor Orange Yellow. Adding this top-selling colour means we can now offer growers a complete gerbera program!

Also available in:
- Bicolor Orange Yellow
- Cherry with Light Eye
- Deep Rose with Light Eye
- Red with Dark Eye
- Red with Light Eye
- White with Dark Eye
- Yellow with Dark Eye
- Mixture

**Stays tidy for smaller pots**

ColorBloom stays compact, so it won’t get too full or leafy, allowing the colourful blooms to show through in quarts/11-cm pots. Faster to flower by around 10 days, ColorBloom beats the competition to market. And, first-time plant buyers will love the exciting, non-fading colours and easy care of this indoor/outdoor plant.

**Revolution™ Series F1**

- **Height:** 4 to 8 in./10 to 20 cm
- **Spread:** 10 to 12 in./25 to 30 cm
- **Flower size:** 3 to 4 in./8 to 10 cm
- **Seed supplied as:** Coated
- **Plug crop time:** 6 to 7 weeks
- **Transplant to finish:** 8 to 10 weeks

- When it comes to uniformity of flowering window across a complete colour range, Revolution is the leading standard-size pot gerbera.
- Industry-leading seed quality.
- Better second flush of flowers than the competition assures much longer bloom time for the consumer.
- Best for 5-in./13-cm pots.

**New Orange with Light Eye Improved** Features a stronger, deep orange colour that doesn’t fade under high light conditions; better flower quality, with more and wider petals; more compact flower stems with improved, uniform length, and a higher quantity of usable plants.

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**Cover your whole gerbera program with PanAmerican Seed!**

Find product & growing info at panamseed.com / GERBERA
Get to know BloomStudios Cut Flowers...

For years, PanAmerican Seed has provided the highest quality seed to professional cut flower growers around the world. BloomStudios Cut Flowers is a new venture that grew from this to bring innovative breeding and technical resources to the professional cut flower market through the PanAmerican Seed distribution network.

BloomStudios - Igniting Imagination with Every Stem℠
Strong stems stand up to shipping

Strong stems and rich colour make NEW Cut Flower Marigold Xochi Orange the best for bouquets and grower bunches. An excellent option for Summer and Fall cut flower programs, Xochi offers the uniformity, good shipability and durability to meet the increasing consumer demand for Dia de los Muertos and Halloween celebrations.

MARIGOLD
*Tagetes erecta*

**Xochi Orange F1**

**Planting Density:** 80-100 plants/sq. meter (8-10 plants/sq. foot)
**Cultivation Type:** High Tunnel, Field
**Usage:** Focal, Secondary
**Stem Length:** 24 to 36 in./61 to 91 cm

**Form Supplied As:** Coated

A great option for Summer and Fall cut flower programs, Xochi delivers stronger stems and richer colours than competing varieties. Xochi means “flower” or “princess of flowers” and is a shortened version of Xochitl, an ancient Mayan word used in Spanish today, most commonly in Mexico. A popular cut flower for Dia de los Muertos and Halloween; good for use in bouquets and grower bunches.

**Harvest Recommendation:** For shipping, harvest flowers when blooms are at 7cm (2.75”) in diameter. For local market, harvest stems when first flower is fully open.

**Post-Harvest Recommendation:** Take care when handling flowers to avoid snapping flower heads off of stems. Marigolds can be stored either wet or dry at 2-5°C (35-38°F). If storing wet, use a commercial floral holding solution.

**Vase Life Recommendation:** Marigolds have an excellent vase life of 10+ days.
ANEMONE
Anemone coronaria

Mona Lisa® Series F1

Planting Density: 22 to 44 plants/sq. meter (2 to 4 plants/sq. foot.)
Cultivation Type: Greenhouse, High Tunnel
Usage: Focal
Stem Length: 18 in./46 cm
Bloom Size: 4 to 4.5 in./10 to 11 cm
Form Supplied As: Raw

The large, bright blooms of Mona Lisa Anemone are a masterpiece in any bouquet. Mona Lisa varieties produce up to 18 flowers per plant and are best grown cool without the need for supplemental light. Low temperatures (8-12°C/46-54°F) promote optimum stem length.

Harvest Recommendation: Harvest when flower buds are fully coloured and about 30-40% open/cupped stage. Avoid fully open flowers with pollen shed.

Post-Harvest Recommendation: Anemones are sensitive to ethylene; recommend treating with an anti-ethylene product. Hydrate and store in cooler at 1-3°C (34-38°F) in commercial floral solution at recommended rates.

New Mixture Improved
Reformulated for a better balance of all colours in the series, it now includes the recently improved Deep Blue and Orchid Shades, as well as Pink, Red Bicolor, Scarlet Eye, White and Wine White Bicolor.

DIANTHUS
Dianthus barbatus

Sweet™ Series F1

Planting Density: 64 plants/sq. meter (6 plants/sq. foot)
Cultivation Type: Greenhouse, High Tunnel
Usage: Filler, Secondary
Stem Length: 18 to 36 in./46 to 91 cm
Form Supplied As: Pelleted

Versatile and programmable series can be produced without vernalisation and is the best dianthus for cooler production seasons. A top-notch filler series that features large, long-lasting blooms on strong stems.

Harvest Recommendation: Harvest stems when 20-50% of florets are open.

Post-Harvest Recommendation: Dianthus are sensitive to ethylene; it is recommended to treat with an ethylene-inhibiting product. Hydrate and store in a cooler at 1-3°C (34-38°F) in commercial floral holding solution at the manufacturer recommended rates.

New Neon Purple
Bright purple colour really pops in bouquets. Similar to the colour of the very popular Amazon Neon Purple.

New Rose Magic
New colour option for the series! Flowers open white, change to pink, and then mature to a rich rose for a tricolour look on the stem. Similar to the pattern of the very popular Amazon Rose Magic.

Best in class makes the best bouquets
Sweet offers the best commercial D. barbatus series available. With no vernalisation needed for first-year-flowering, you can program for year-round production. Add to that the very uniform height and flowering, excellent retail holdability and 13 separate bright colours, and you’ve got one sweet series to grow and send to market!
Snaps second to none
We are the world’s leading supplier of cut flower snaps, with an unsurpassed choice of top-producing varieties selected for stem and flower quality, photoperiodic response and earliness to flower. With selections streamlined into 4 flowering response groups - including our popular Potomac family - you’ll find it a “snap” to build an all-year program of successful growing.

SNAPDRAGON
Antirrhinum majus
Potomac™ Series F1

- **Planting Density:** 80-106 plants/sq. meter (8‑10 plants/sq. foot)
- **Cultivation Type:** Greenhouse, High Tunnel
- **Usage:** Line
- **Stem Length:** 39 to 60 in./99 to 152 cm
- **Form Supplied As:** Raw

Potomac is a group 4 snapdragon best for long days, high light and temperatures greater than 16°C (60°F).

- **Harvest Recommendation:** Harvest stems when 5‑6 flowers have opened. Keep snapdragons vertical after harvest to prevent stems from curling.
- **Post-Harvest Recommendation:** Snapdragons are sensitive to ethylene; it is recommended to treat with an ethylene-inhibiting product after harvest. Hydrate and store in a cooler at 2‑5°C (36‑41°F) in commercial floral holding solution at the manufacturer recommended rates. Always keep snapdragon stems vertical during storage.
- **Vase Life Recommendation:** 7-10 days

**New Dark Pink** (Group 4) brings a key colour in the dark pink/rose category in line with the newer breeding in the Potomac series; a great match to Pink. Replaces Rose with a more uniform flowering variety and improved bud taper.

### PRODUCTION GUIDE

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### FLORAL SELECTION GUIDE FOR BOUQUETS

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EDIBLE POTTED VEGETABLES

NO GARDEN? NO PROBLEM.

Kitchen MINIS®
**New Cocoa F1**
Height: 6 to 8 in./15 to 20 cm  
Spread: 6 to 8 in./15 to 20 cm  
Seed supplied as: Raw  
Tomato Class: Small-Fruited  
Type: Cherry  
Habit: Compact Determinate  
Tomato Colour: Dark red  
Fruit Characteristics: Round, small  
Fruit Size: 0.5-1 in./1-3 cm long x 0.5-1 in./1-3 cm wide  
Days to maturity from transplant: 70-84  
Plug crop time (weeks): 2-3  
Potting to sale (weeks): 10-12  
Pot size: Quart-6 in./12-15 cm  
- Plant benefits from being grown dry. Support fruit weight by inserting sticks close to the central stem at the time of flowering.  
- Cocoa provides uniquely burgundy-coloured fruit that is deliciously sweet for your recipes! Smaller, more compact habit is perfect for quart and 4.5-in./11-cm programs.

**New Red Velvet F1**
Height: 6 to 8 in./15 to 20 cm  
Spread: 6 to 8 in./15 to 20 cm  
Seed supplied as: Raw  
Tomato Class: Small-Fruited  
Type: Cherry  
Habit: Compact Determinate  
Tomato Colour: Red  
Fruit Characteristics: Round, small  
Fruit Size: 0.5-1 in./1-3 cm long x 0.5-1 in./1-3 cm wide  
Days to maturity from transplant: 70-84  
Plug crop time (weeks): 2-3  
Potting to sale (weeks): 10-12  
Pot size: Quart-6 in./12-15 cm  
- Plant benefits from being grown dry. Support fruit weight by inserting sticks close to the central stem at the time of flowering.  
- Red Velvet provides beautiful red-coloured fruit that is deliciously sweet for your recipes! Smaller, more compact habit is perfect for quart and 4.5-in./11-cm programs.

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**Buy. Eat. Repeat!**
The NEW Kitchen Minis collection includes potted vegetable plants consumers can grow inside on a sunny windowsill or counter without a garden! They can also be grown outside as tabletop patio varieties. Easy-to-grow Kitchen Minis encourage consumers to harvest and enjoy their own homegrown vegetables, then when the plant is finished fruiting, buy a fresh plant to harvest from every few weeks!

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**The Kitchen Minis Collection includes:**

**Peppers**  
Adobo  
Cosmo  
Fresh Bites Orange  
Fresh Bites Red  
Fresh Bites Yellow  
Hot Burrito  
Hot Fajita  
Hot Joker  
Hot Lemon  
Piñata  
Tamale  
Taquito

**Tomatoes**  
NEW Cocoa  
NEW Red Velvet  
Micro Tom  
Siam

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Find product & growing info at panamseed.com / EDIBLE POTTED TOMATO
VEGETABLES & HERBS
BASIL

Ocimum basilicum

New ‘Everleaf Thai Towers’

Height: 24 to 36 in./61 to 91 cm
Spread: 8 to 12 in./20 to 30 cm
Seed supplied as: Raw
Herb Type: Thai
Plant Habit: Columnar, highly branched, late flowering, short internodes, upright, vigorous
Colour: Medium Green
Suites For: Extended harvest multiple cuts, hydroponic, pot, roots-on

Days to maturity from direct seed: 45-60
Days to maturity from transplant: 30-45
Production Method: Field, Hydroponic, In Ground, Container

- Flowers up to 10 to 12 weeks later than standard Thai basil with huge harvest potential.
- Well-branched variety with short internodes makes a beautiful, tidy, towering plant that has huge harvest potential and brightens gardens and mixed containers.
- Aromatic and vibrant licorice flavour complements any dish, especially Thai cuisine. Blends well when cooked in a curry or chop fresh on Pad Thai to experience full licorice aroma.
- Masses of medium-green leaves with occasional purple flecks and soft purple stems will brighten any retail display.
HandPicked. 
VEGETABLES & HERBS / CANDY CANE CHOCOLATE CHERRY

Stand out with unique foliage

Candy Cane Chocolate Cherry’s variegated foliage stands out among all other vegetables at a young plant size. As the plant matures, green fruit with a unique white stripe changes to chocolate and cherry red. Be sure to add this stunning variety to your vegetable program.

PEPPER
Capsicum annuum

Candy Cane Chocolate Cherry F₁
Height: 18 to 24 in./46 to 61 cm
Spread: 12 to 18 in./30 to 46 cm
Seed supplied as: Raw
Type: Sweet
Class: Mini bell
Habit: Medium
Fruit Colour: Green/white stripe to chocolate/red stripe
Fruit Size: 3.5-3.75 in./9-10 cm long x 2.5-2.75 in./6-7 cm wide, 3.5-4.5 oz. (99 to 128 g)
Days to maturity from transplant: (green) 55-60; (ripe) 70-75
Production Method: Field, In Ground, Container
• Mini bell pepper plant has unique, eye-catching variegated foliage.
• Early-maturing fruit ripens from green and white stripes to unique chocolate and cherry red stripes.
• Sweet flavour and crisp texture make it perfect for fresh eating at any stage of ripeness.
• Best in containers or in-ground, with or without support.

New Pot-a-peño F₁
Height: 12 to 15 in./30 to 38 cm
Spread: 18 to 20 in./46 to 51 cm
Seed supplied as: Raw
Type: Hot
Heat Level: 2 - mildly hot
Class: Jalapeño
Habit: Bush, cascading, medium
Fruit Colour: Green to red
Fruit Size: 3-4 in./8-10 cm long x 0.75-1.25 in./2-3 cm wide
Days to maturity from transplant: (green) 45-50; (ripe) 60-65
Production Method: Field, In Ground, Container
• Pot-a-peño’s unique cascading habit is ideal for a hanging basket or container – a perfect 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.
• Harvest fruit green for a traditional spicy zip in any dish or allow to ripen to red for a sweet, spicy flavour.

Jalapeños in a basket!
Early-fruiting Pot-a-peño has a unique cascading habit that’s perfect for a hanging basket or premium container. It’s a great addition to any vegetable program!

Request your Product Information Guide for full culture details
**New Peppi Series F₁**

**Height:** 36 to 48 in./91 to 122 cm  
**Spread:** 24 to 36 in./61 to 91 cm  
**Seed supplied as:** Raw  
**Type:** Sweet  
**Class:** Snack  
**Habit:** Large, tall, vigorous  
**Growth:** Indeterminate  
**Fruit Size:** 3.5-4.5 in./9-11 cm long x 1.25-1.75 in./3-4 cm wide  
**Days to maturity from transplant:** (green) 55-60; (ripe) 75-80  
**Production Method:** Field, Protected Culture, In Ground

- These small, pointed fruits offer incredible sweetness and rich flavour.  
- The fruit are often seedless and are great for snacking fresh off the plant.  
- To produce seedless fruit, grow it in isolation from other (non-seedless) pepper varieties.  
- If it is not isolated, it will produce larger, great-tasting fruit with just a few seeds.  
- Best grown in-ground with support of stakes or a cage.  

**New Red** Fruit ripens from green to red.  
**New Yellow** Fruit ripens from green to yellow.

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**New Peppi Cornissimo F₁**

**Height:** 36 to 48 in./91 to 122 cm  
**Spread:** 24 to 36 in./61 to 91 cm  
**Seed supplied as:** Raw  
**Type:** Sweet  
**Class:** Corno  
**Habit:** Large, tall, vigorous  
**Growth:** Indeterminate  
**Fruit Colour:** Green to red  
**Fruit Size:** 6-7 in./15-18 cm long x 2.25-2.5 in./6 cm wide, 4-4.5 oz. (113 to 128 g)  
**Days to maturity from transplant:** (green) 80-85; (ripe) 95-100  
**Production Method:** Field, In Ground

- Extra-large corno-shaped fruit ripens from green to red, with outstanding thick walls, rich flavour and more sweetness than most large-fruited peppers.  
- Fruit is often seedless, for less preparation time for chopping and cooking. Great on the grill or stuffed and baked in the oven.  
- 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.  
- Best grown in-ground with support of stakes or a cage.

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**Seedless sweet peppers**

The Peppi pepper collection will grow seedless fruit under the right conditions! Grow plants in isolation from other, non-seedless peppers to produce seedless fruit that makes chopping quick and easy for recipes.
A true garden star!

DarkStar is resistant to late blight, a common disease of tomato plants, and it has been tested for all common seedborne diseases, ensuring high-quality seed for propagation. You can rely on DarkStar to light up your vegetable program!

**TOMATO**

*Solanum lycopersicum*

**New DarkStar F1**

- **Height:** 60 to 84 in./152 to 213 cm
- **Spread:** 36 to 48 in./91 to 122 cm
- **Seed supplied as:** Raw
- **Tomato Class:** Large-Fruited
- **Type:** Beefsteak
- **Habit:** Indeterminate
- **Tomato Colour:** Purple
- **Fruit Characteristics:** Oblate, ribbed
- **Fruit Size:** 2-2.25 in./5-6 cm long x 3-3.25 in./8 cm wide, 8-10 oz. (227 to 283 g)
- **Disease Resistance:** HR: LB, V
- **Days to maturity from transplant:** 70-75
- **Production Method:** Field, In Ground

  • Upgrade your garden with heirloom tomato flavour and modern hybrid tomato performance.
  • Early-maturing, rich, purple beefsteak fruit has higher yield potential and fewer blemishes than most heirlooms.
  • Large, purple beefsteak fruit is perfect for eating fresh on a sandwich or try preserving in sauce.
  • Offers high disease resistance to late blight, too.
  • Best grown in the ground with support of a trellis or cage.

**New Bellatrix F1**

- **Height:** 30 to 36 in./76 to 91 cm
- **Spread:** 24 to 36 in./61 to 91 cm
- **Seed supplied as:** Raw
- **Tomato Class:** Roma/Paste
- **Type:** Roma
- **Habit:** Determinate
- **Tomato Colour:** Red
- **Fruit Characteristics:** Oval
- **Fruit Size:** 2.75‑3 in./7‑8 cm long x 2-2.25 in./5-6 cm wide, 4.5-5 oz. (128 to 142 g)
- **Disease Resistance:** HR: F2, F3, LB, TMV, ToMV
- **Days to maturity from transplant:** 65-70
- **Production Method:** Field, In Ground, Container

  • Bellatrix has high resistance to late blight, a common disease of tomato plants in northern climates.
  • It also has resistance to Fusarium, a common root zone disease.
  • Red Roma/paste tomatoes ripen in a short period of time, allowing for a large harvest for cooking sauce or making salsa.
  • Best grown in the ground or in a large container, with or without support of a trellis or cage.
**New Loki F1**

**Height:** 60 to 84 in./152 to 213 cm  
**Spread:** 36 to 48 in./91 to 122 cm  
**Seed supplied as:** Raw  
**Tomato Class:** Large-Fruited  
**Type:** Slicer  
**Habit:** Indeterminate  
**Tomato Colour:** Red  
**Fruit Characteristics:** Medium, round  
**Fruit Size:** 2.25-2.5 in./6 cm long x 3-3.25 in./8 cm wide, 6-8 oz. (170 to 227 g)  
**Disease Resistance:** HR: F1, F2, LM, N, TMV, ToMV  
**Days to maturity from transplant:** 70-75  
**Production Method:** Field, Protected Culture, In Ground  
- Huge tomato flavour and performance.  
- Early-maturing, round, red slicer fruit has higher yield potential and fewer blemishes than most heirlooms.  
- Leaf mold resistance is great for growing in high tunnels or areas with high humidity.  
- Best grown in the ground.

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**New Marzito F1**

**Height:** 60 to 84 in./152 to 213 cm  
**Spread:** 36 to 48 in./91 to 122 cm  
**Seed supplied as:** Raw  
**Tomato Class:** Small-Fruited  
**Type:** Specialty Small-Fruited  
**Habit:** Indeterminate  
**Tomato Colour:** Red  
**Fruit Characteristics:** Elongated, mini marzano  
**Fruit Size:** 2-2.25 in./5-6 cm long x 0.5-0.75 in./1-2 cm wide  
**Disease Resistance:** HR: F1, LM, N, TMV, ToMV  
**Days to maturity from transplant:** 50-55  
**Production Method:** Field, Protected Culture, In Ground  
- Versatile and perfect for all occasions – eating fresh off the vine or cooking up in a quick sauce.  
- The elongated shape is reminiscent of a small Roma tomato, which is great for cooking.  
- The firm texture and sweet, rich flavour mean it can be eaten fresh like cherry and grape tomatoes.  
- Great disease resistance, too! Resistant to leaf mold, Fusarium, nematodes and tobacco mosaic virus.  
- Best grown in the ground with support of a trellis or cage.
SALES & CUSTOMER SERVICE

HERE TO HELP!

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