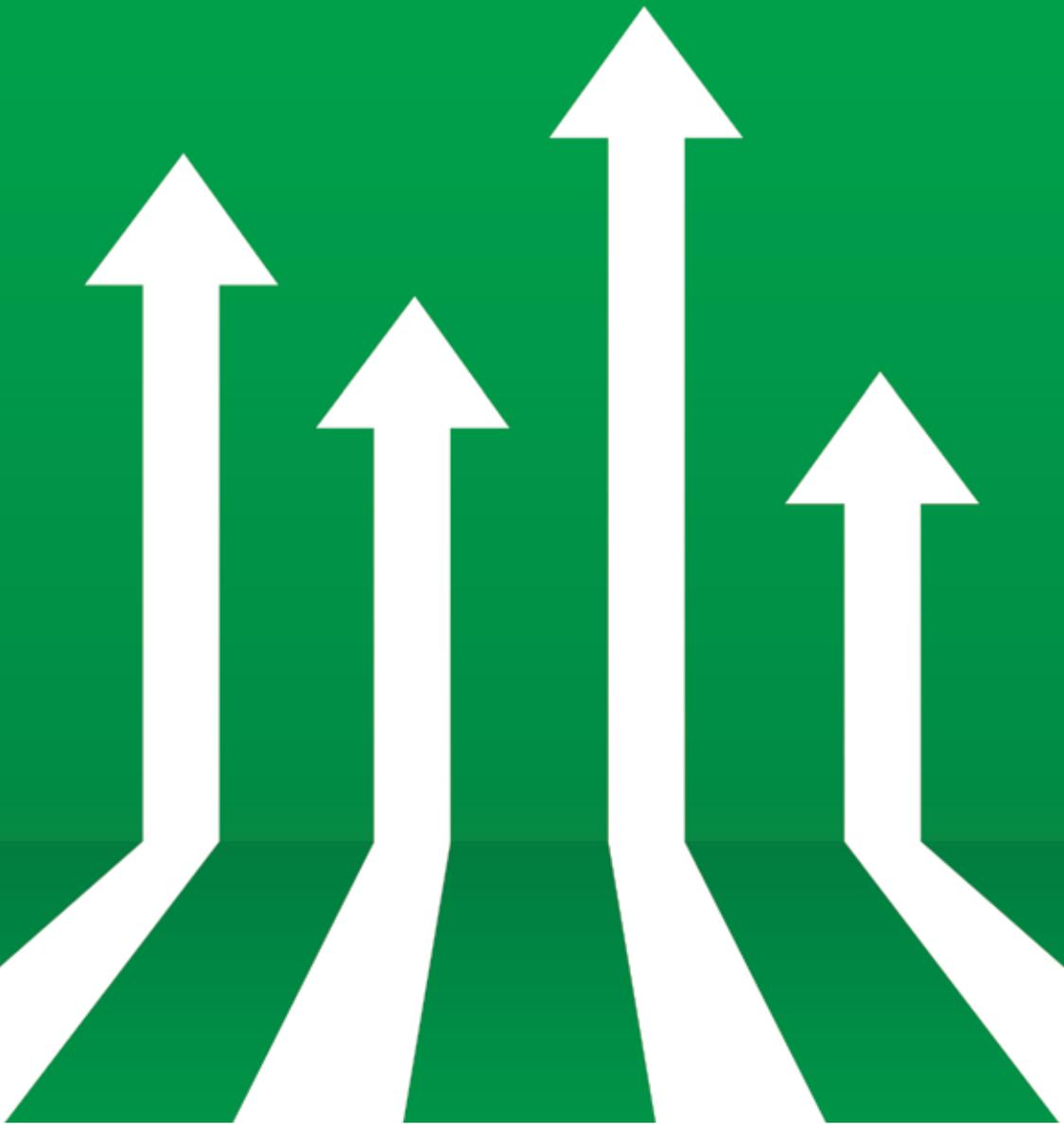


California Spring Trials 2017

On Target

New products to help you hit the mark



PanAmericanSeed.

KieftSeed™

DarwinPerennials.

selecta⁰¹¹⁰

wave[®]

2 *wave*
PETUNIAS

3 PanAmericanSeed.

11 *COOL wave*
PANSIES

25 KieftSeed™

26 DarwinPerennials.

32 **selecta** one



Plug & Play™ Combos

- This fresh and relevant collection is built on internal and external testing in multiple regions.
- Trialing in saleable sizes begins at the PanAmerican Seed greenhouses and in outdoor Summer containers. Then every potential introduction heads out to commercial greenhouses and to real-life gardens.
- Fully vetted collection of 60+ Plug & Play combos – including these 9 newcomers – promises easy, economical production; big retail shows and gardener satisfying results.
- Key grower tips, detailed culture and more at panamseed.com/PlugandPlay.



4 NEW Very Valentine



NEW Flying the Flag

- Easy Wave® Red Velour Petunia
- Easy Wave White Petunia
- Combo Blue Petunia

A Wave® Plug & Play Combo



NEW Mad About Red

- Easy Wave Red Velour Petunia
- Easy Wave Yellow Petunia

A Wave Plug & Play Combo



NEW Sweetheart

- Easy Wave Red Velour Petunia
- Easy Wave Pink Passion Petunia

A Wave Plug & Play Combo



NEW Very Valentine

- Easy Wave Red Velour Petunia
- Easy Wave Pink Passion Petunia
- Easy Wave White Petunia

A Wave Plug & Play Combo



NEW Fire N Nice

- Easy Wave Red Velour Petunia
- Glitz Euphorbia

A Plug & Play Premium Annual Combo



NEW Cantina Heat

- Sweet Heat Pepper
- Combo Blue Petunia
- Bonanza Yellow French Marigold

A Plug & Play Premium Annual Combo



NEW Lunch Date

- Patio Baby Eggplant
- SimplyHerbs™ 'Try Basil'
- Bonanza Yellow French Marigold

A Plug & Play Premium Annual Combo



NEW Foodie Blues

- Patio Baby Eggplant
- Dolce Fresca Basil
- Combo Blue Petunia

A Plug & Play Premium Annual Combo



NEW Italian Bistro

- Little Napoli Tomato
- SimplyHerbs Curled Parsley
- Easy Wave Red Velour Petunia

A Plug & Play Premium Annual Combo



Combo Blue F₁ Spreading Petunia

- Chosen specifically for its habit and performance as a combination component.
- Large, velvety deep blue flowers on a mounding, well-branched plant.
- Timing is similar to Easy Wave Blue, with a minimum daylength requirement of 10.5 hours.

Petunia x hybrida 🌞

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

Spread: 2.5 to 3.25 ft. (76 cm to 1 m)

Flower size: 2 to 3 in. (5 to 7 cm)

Plug crop time: 5 to 6 weeks

Transplant to finish: See individual Plug & Play combo recipe

Seed supplied as: Pelleted



NEW Lucky Star™ Series F₁ Pentas

- *Stays in color...really!* Lucky Star is bred for the fastest follow-up blooming of any pentas on the market. Plants look better getting off the truck and they just keep getting better in the store.
- Follow-up blooms don't eclipse the prior flush so plants stay compact, tight and ready for sale at retail with minimal effort.
- 1-week bloom window.

Pentas lanceolata 🌻

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

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

Plug crop time: 6 to 7 weeks

Transplant to finish: 8 to 10 weeks

Seed supplied as: Pelleted

◀ NEW Dark Red



NEW Violet

Faster secondary, follow-up blooming and a darker color intensity than other violet pentas on the market.



NEW White



NEW Pink



NEW Deep Pink



NEW Lucky Star Lavender (left) and competing lavender variety (right)



NEW Purple Prince Alternanthera

- First compact seed alternanthera is an easy-to-grow alternative to vegetative varieties.
- Durable carpet of ruby/burgundy foliage is ready to take on any Summer condition including drought and rain. Imagine this unique color accent in large cityscapes and as a “spiller” in high-impact containers!
- May flower under very short days; light plants at that time of year to prevent bud formation.

Alternanthera brasiliana 🌞🌧️

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

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

Plug crop time: 4 to 5 weeks

Transplant to finish: 7 to 8 weeks

Seed supplied as: Raw



NEW Serena® White Improved F₁ Angelonia

- No-pinch, low-hassle Serena continues to deliver the premium results you expect from vegetative varieties, with less labor and more efficiency.
- Unique 3D color fills gardens, landscapes and mixed containers.
- **NEW White Improved** times like current White, with faster secondary flowering. Plants are retail-ready faster, especially for the first shipments.

Angelonia angustifolia 🌞

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

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

Plug crop time: 5 to 6 weeks

Transplant to finish: 8 to 9 weeks

Seed supplied as: Pelleted



NEW Megawatt™ Red Bronze Leaf F₁ Begonia

- **MEGAsize + MEGAcOLOR = MEGAsales!** Fresh, high-energy option pushes the must-have begonia class to a whole new level with great timing benefits, a unique color, ultimate garden power and more.
- Perfect for landscapes, baskets, big tubs and borders.
- **NEW Red Bronze Leaf** has big flower power, and fits well with the other Bronze Leaf varieties for timing and habit.

Begonia interspecific 🌞🌧️

Height: 20 to 28 in. (51 to 71 cm)

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

Plug crop time: 7 to 8 weeks

Transplant to finish: 7 to 9 weeks

Seed supplied as: Pelleted



First Flame™ Series Celosia

- Excellent, brightly colored Summer crop finishes 10 to 14 days earlier than competing varieties to reduce production costs.
- Branches like a regular *C. plumosa* to produce full blooms.

Celosia plumosa 🌞

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

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

Plug crop time: 3 to 4 weeks

Transplant to finish: 8 to 10 weeks

Seed supplied as: Coated

◀ First Flame Red



NEW First Flame Scarlet

Model for the series features outstanding, bright color and great habit – fits well with Red and Yellow. Color holds very well in sun/high light levels.



NEW First Flame Mixture

Shows off three bright colors: Red, Yellow and NEW Scarlet.



NEW Ice Cream Salmon Celosia

- Heat-resistant, long-lasting series stands tough when temperatures rise – Ice Cream won't melt in the sun!
- Early, compact and well-branched; stunning in patio planters or gardens.
- **NEW Salmon** has clear color on a very good plant habit – one of the models for the Ice Cream series. Good color for mixes!

Celosia plumosa 🌞

Height: 12 in. (30 cm)

Spread: 10 in. (25 cm)

Plug crop time: 3 to 4 weeks

Transplant to finish: Packs, 8 to 10 weeks; 4 to 5-in./10 to 13-cm pots, 9 to 12 weeks

Seed supplied as: Coated



NEW Jolt™ Pink Magic F₁ Interspecific Dianthus

- *Shocking Summer Color!*™ from the most heat-tolerant Interspecific Dianthus.
- Highly durable plants withstand hot conditions with few disease issues and continue to flower without setting seed.
- Easy to produce in Summer premium grower choice quarts and gallons with less to no PGRs.
- **NEW Pink Magic** opens white, then light pink, and matures to dark pink; optimal color pattern results from high light, cool night temperatures.

Dianthus barbatus interspecific 🌞

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

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

Plug crop time: 4 to 5 weeks

Transplant to finish: Late Spring through Fall finish, 11 to 13 weeks; Winter finish, 14 to 18 weeks

Seed supplied as: Pelleted



Divine™ Series F₁ New Guinea Impatiens

- Divine is the affordable, high-quality alternative to *I. walleriana*, with high resistance to Impatiens Downy Mildew, more single colors and mixes than other series, more vigor in planters and landscapes, and more consistent color and seed quality.
- Grower-friendly series is perfect for shade landscape premium packs, 4-in. (10-cm) and quart pot programs.

Impatiens hawkeri 🌞

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

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

Plug crop time: 5 to 6 weeks

Transplant to finish: 6 to 7 weeks

Seed supplied as: Raw

◀ NEW Divine Lavender Improved New Guinea Impatiens



NEW Divine Red New Guinea Impatiens

Delivers good vigor, deep green foliage and a true red color; replaces Scarlet Red and Cherry Red.



NEW Divine Lavender Improved New Guinea Impatiens

Features greater plant vigor, deeper bronzing to the foliage and darker color saturation than original Lavender.



COOL
wave
PANSIES

NEW Cool Wave® Raspberry F₁ Spreading Pansy

- Wow 'em with Cool Wave! Hands down, it's the *fastest-growing, longest-lasting, truly trailing pansy* for Spring and Fall.
- Superior overwintering hardiness – Cool Wave is the earliest pansy to return in the Spring.
- **NEW Raspberry** adds an all-new color class to Cool Wave. Rich, velvety rosy-purple with white around flower center. Shows more white in the face in Summer/Fall (warm season) production. In Winter/Spring (cool season) production, white is diminished and more rose/purple shows in the bloom. Matches Golden Yellow for vigor.

Viola x wittrockiana 🌞

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

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

Flower size: 2 to 2.25 in. (5 to 6 cm)

Plug crop time: 4 to 5 weeks

Transplant to finish: Spring 6 to 7 weeks, Fall 4 to 5 weeks

Seed supplied as: Primed



NEW Matrix® Yellow Improved F₁ Pansy

- *Your best option for longer days and warmer growing* – less handling, less waste and exceptional holding power for higher profitability.
- Best uniformity of plant habit and timing; the 7-day bloom window in Fall production lets you ship all colors in the same week.
- **NEW Yellow Improved** flowers 5 to 7 days earlier, with a larger flower on a more uniform plant. Under the heat of Summer/Fall production, it outperforms all competition in this key color class.

Viola x wittrockiana 🌞🌧️

Height: 8 in. (20 cm)

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

Flower size: 3.5 in. (9 cm)

Plug crop time: 5 weeks

Transplant to finish: Spring 6 to 8 weeks, Fall 4 to 6 weeks

Seed supplied as: Raw, Primed



NEW Spring Matrix™ Yellow Improved F₁ Pansy

- *Your best option for shorter days and cool growing* – plants look better, last longer and have the tightest flowering window for less dump.
- Most uniform Spring-flowering series produces large blooms that maintain good presentation under cold, dark, wet Winter production.
- **NEW Yellow Improved** is a slightly larger, more well-branched plant than original Yellow. Earlier in Spring production by about 5 days.

Viola x wittrockiana 🌞🌧️

Height: 8 in. (20 cm)

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

Flower size: 3 in. (8 cm)

Plug crop time: 5 weeks

Transplant to finish: Spring 6 to 7 weeks, Fall 4 to 5 weeks

Seed supplied as: Raw, Primed



NEW Debonair™ Lime Green Improved F₁ Petunia

- Designer petunias can command a higher price point and open the door to decorator opportunities.
- Mounded, upright habit is ideal for premium pots and larger containers.
- **NEW Lime Green Improved** shows off a deeper bloom color on a plant that is 10 to 12 days faster to flower, with faster secondary flowers. Stronger plant vigor and similar timing to Black Cherry offer a better mixing option.

Petunia x hybrida ☀

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

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

Plug crop time: 4 to 5 weeks

Transplant to finish: 5 to 6 weeks

Seed supplied as: Pelleted

US 7,642,436



NEW Dreams™ Burgundy Improved F₁ Petunia

- Dreams continues to deliver a well-matched Spring bloom time window across all colors, so your crop is off to market right on schedule.
- Consistently high seed quality plus well-branched habit and plant structure assure a high-quality look and excellent performance.
- **NEW Burgundy Improved** flowers faster by approximately 5 days, and has faster secondary branching and flowering for quicker-to-retail sales opportunities. Produces brighter flowers on shorter, more dense plants.

Petunia x hybrida ☀

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

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

Plug crop time: 5 to 6 weeks

Transplant to finish: 5 to 6 weeks

Seed supplied as: Raw, Pelleted



NEW Ez Rider® Red Improved F₁ Petunia

- These genetically shorter, more controlled plants need less PGRs and are perfect for high-density packs to “promo” baskets.
- Enhanced, longer garden performance in containers and gardens.
- **NEW Red Improved** offers darker, truer red color; shorter, denser and better-branched plants; and strong, long plant holding. Averages 3 days faster to flower, with faster secondary blooms for earlier retail sales opportunities.

Petunia x hybrida ☀

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

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

Plug crop time: 4 to 5 weeks

Transplant to finish: 5 to 6 weeks

Seed supplied as: Pelleted



NEW Snapshot™ F1 Appleblossom Snapdragon

- Perfect balance of pack performance and landscape success, with uniform flowering and a 7 to 10-day window for Spring and Fall sales in packs and small pots.
- Bushy, compact plants are topped by closely spaced, full flower spikes.
- **NEW Appleblossom** is a clean white color brushed with soft yellow and rose tones. Habit and timing match the other bicolors in the series.

Antirrhinum majus ☀

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

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

Plug crop time: 5 to 6 weeks

Transplant to finish: 6 weeks

Seed supplied as: Raw



Double Zahara™ Series Zinnia

- The only fully double, disease-resistant zinnia series has bigger flowers than the competition for more color show.
- Superior all-season performance and durability in landscapes and containers, especially in sunny, hot and dry conditions.

Zinnia marylandica ☀

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

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

Plug crop time: 3 weeks

Transplant to finish: Spring 8 to 9 weeks, Summer 5 to 6 weeks

Seed supplied as: Raw, Coated

◀ Double Zahara Yellow Zinnia



NEW Double Zahara Fire Improved Zinnia

Deeper color saturation and larger flower size than current Double Zahara Fire.

US PVPAF



NEW Double Zahara Raspberry Ripple Zinnia

Color can vary under different conditions. Cooler temperatures accentuate the rose; as flowers age and under more heat, the white comes out more. US PVPAF



NEW Double Zahara Mixture Zinnia

Cherry, Salmon Rose, Yellow, NEW Fire Improved and white (not available separately).



Sorbet® XP Series F₁ Viola

- Grow, ship, sell and plant the best-looking violas for Fall and Spring – Sorbet XP genetics deliver uniform plant habit and tightest bloom window.
- Violas are a key pro landscaper item – plants cover the soil at flowering, with more blooms on every plant and less stretching.
- Stay compact in both heat and cold.
- Excellent overwintering.

Viola cornuta 🌞🌱

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)

Plug crop time: 4 weeks

Transplant to finish: Early Spring 6 to 8 weeks, Fall 4 to 5 weeks

Seed supplied as: Raw, Primed

4 NEW XP Ocean Breeze Mixture



NEW XP Blue Blotch Improved

Flowers 5 to 7 days earlier than original XP Blue Blotch in Fall, up to 2 weeks earlier in Spring. Brighter color and larger blotch means better show at retail and in the garden.



NEW XP True Blue

Best true blue *V. cornuta*. Less stretch, better plant structure and truer blue color than the competition. Replaces Sorbet Blue Heaven.



NEW XP Red Blotch

Best plant structure and timing of any red blotch variety for Fall production; more branched and uniform plant and up to 1 week earlier in Fall than other red blotch varieties. Replaces Sorbet Red Blotch.



NEW XP Deep Orange

Deepest orange-flowered viola on the market; uniform, controlled plants for ease of production. Superior to the competition in color, timing and uniformity.



NEW XP Yellow Blotch Improved

Best yellow blotch viola – 3 to 5 days earlier than original XP Yellow Blotch in Fall and 7 to 10 days earlier in Spring, plus significantly more blooms per plant with larger blotch.



NEW XP Blueberry Sundae Mixture

NEW XP True Blue, XP Delft and XP White. Replaces XP Blueberry Frost Mixture and XP Beaconberry Mixture.



NEW XP Ocean Breeze Mixture

NEW XP Blue Blotch Improved, XP Coconut Swirl, XP Marina and XP White Blotch. Replaces Sorbet Ocean Breeze Mixture.



NEW XP Raspberry Sundae Mixture

XP Pink Halo, XP Raspberry and XP White Blotch. Replaces XP Orchidberry Frost Mixture.



Sorbet® Series F₁ Viola

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

Viola cornuta 🌻🌻

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)

Plug crop time: 4 weeks

Transplant to finish: Early Spring 6 to 9 weeks, Fall 4 to 6 weeks

Seed supplied as: Raw, Primed

◀ NEW Yellow Violet Jump Up



NEW Yellow Violet Jump Up

Bright violet-purple caps make this “jump up” stand out over other varieties on the market. Earlier than the Sorbet XP series.



NEW Honeybee

Yellow/copper-orange bicolor; bright and sunny for Spring production. 30% more vigorous and longer peduncles than other Sorbet varieties.



Revolution™ Series F₁ Gerbera

- *The most uniform gerbera you can grow!* No surprises... grow, pick, pack and ship just as you planned.
- Fully programmable for high-density production year-round in 4.5 to 5.5-in. (11 to 13-cm) pots and quarts.

Gerbera jamesonii 🌻

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)

Plug crop time: 6 to 7 weeks

Transplant to finish: 8 to 10 weeks

Seed supplied as: Coated

4 NEW Revolution Yellow with Light Eye Improved



NEW Revolution Red with Light Eye Improved

Now offers one of the best varieties of the series for timing, plant habit and uniformity.



NEW Revolution Salmon Shades with Light Eye

Features short stems, making it a good mix component, with shades from deep salmon to pink.



NEW Revolution Yellow with Light Eye Improved

Best yellow variety in the series is a big improvement over older yellow varieties, with strong color and good uniformity.



NEW Mega Revolution™ Deep Rose with Light Eye F₁ Gerbera

- Produces manageable, larger-sized plants with very large flowers – beats competing series for color range, bloom size and seed quality.
- Ideal for larger container programs.
- **NEW Deep Rose with Light Eye** has superior dark color that is great for mixes and combo pots. Color holds very well under high light levels. Replaces Purple Shades.

Gerbera jamesonii 🌻

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

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

Flower size: 4 to 4.75 in. (10 to 12 cm)

Plug crop time: 6 to 7 weeks

Transplant to finish: 8 to 10 weeks

Seed supplied as: Coated



NEW Neo™ Series Celosia

- All-new Neo lets you grow over a longer period through the year...yield more usable stems from every ft²/m²...ship out better-quality *C. cristata*...and give florists a product that's easier to arrange, easier to sell.
- Less long day sensitive, making it easier to produce over a longer period during the year for most growers.
- Features new, unique colors and smaller leaves.
- Produces larger flowers with thicker comb than Bombay.

Celosia cristata ☀️

Stem length: 28 to 40 in. (71 to 102 cm)

Planting density: 6 to 8 plants/ft² (64 to 86 plants/m²)

Best for: Greenhouse

Plug crop time: 2 to 3 weeks

Transplant to finish: 8 to 12 weeks

Seed supplied as: Coated

◀ NEW Orange



NEW Red

Slowest to flower and also a bit shorter compared to the rest of the series.



NEW Pink

Fastest to flower of the series and the only dark-stemmed variety, with a slightly smaller bloom.



NEW Rose

Tallest of the series, with a more rose color, bigger flower heads and lighter green stems than Pink. Also slower to flower than Pink.



NEW Orange

Unique color to the market will stir up interest for growers, retailers and florists.



NEW Gold

Deepest yellow color available on the market. NOTE: More sensitive to Fusarium compared to the rest of the series.



NEW Gretel F₁ Eggplant

- Earliest white eggplant bears clusters of glossy, tender and non-bitter mini-fruit, about 3 to 4 in. (8 to 10 cm) long. Can also be harvested at full size, 4 to 6 in. (10 to 15 cm).
- Indeterminate, 3-ft. (91-cm) plants have thornless leaves/calyx for easy, painless harvest; can be grown in-ground or in a large container, with or without support.
- More productive and 5 to 7 days earlier to ripen than O.P. types.
- Slightly larger plant with slightly smaller fruit than Hansel.

Solanum melongena 🌞

Height: 36 to 52 in. (91 to 132 cm)

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

Days from transplant to harvest: 55 to 60

Plug crop time: 4 to 5 weeks

Transplant to finish: 4 to 5 weeks

Seed supplied as: Raw

All-America Selections Winner



NEW Hansel F₁ Eggplant

- Early-maturing, highly productive black-purple eggplant produces clusters of glossy mini-fruit about 2 to 3 in. (5 to 8 cm) long. Can also be harvested at full size, 6 to 10 in. (15 to 25 cm).
- Like Gretel, the petite, 3-ft. (91-cm) plants have thornless leaves/calyx for easy, painless harvest.
- Can be grown in-ground or in a large container, with or without support.

Solanum melongena 🌞

Height: 24 to 42 in. (61 to 107 cm)

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

Days from transplant to harvest: 50 to 55

Plug crop time: 4 to 5 weeks

Transplant to finish: 4 to 5 weeks

Seed supplied as: Raw

All-America Selections Winner



NEW Candy Cane Red F₁ Snack Pepper

- Uniquely variegated foliage and striped, 3.5 to 4 in. (9 to 10 cm)-long fruit will stand out on the retail shelf and in the garden.
- Elongated bell-shaped fruit ripens from green and white stripes to solid red; thin walls and crispy texture make it perfect for fresh eating at any stage of ripeness.
- Indeterminate plant is ideal for growing in-ground or in a container.

Capsicum annuum 🌞

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

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

Days from transplant to harvest: 40 to 45 mature green striped; 60 to 65 ripe red

Plug crop time: 5 to 6 weeks

Transplant to finish: 4 to 7 weeks

Seed supplied as: Raw



NEW La Bomba II F₁ Jalapeño Pepper

- Upgraded for superior disease resistance to Bacterial Leaf Spot Races 1, 2 and 3, as well as Tobacco Mosaic Virus.
- Performs like original La Bomba – the strong, easy-harvest, indeterminate plants bear very large, high-quality jalapeños with little to no checking and medium heat level.

Capsicum annuum 🌞

Height: 32 to 40 in. (81 to 102 cm)

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

Days from transplant to harvest: 50 to 55 mature green; 65 to 70 ripe red

Heat level: Medium hot

Plug crop time: 5 to 6 weeks

Transplant to finish: 4 to 7 weeks

Seed supplied as: Raw



NEW Aji Rico F₁ Hot Pepper

- Unique hybrid hot *Capsicum baccatum* pepper has more plant vigor, higher yield and earlier ripening than O.P. heirlooms types.
- Narrow, conical, 3 to 4-in. (8 to 10-cm) fruit with delicate citrus flavor and medium heat level is crispy and thin-walled – perfect eaten fresh or cooked at mature green or ripe red stage.
- Large-stature, indeterminate plants benefit from a support or trellis.

Capsicum baccatum 🌞

Height: 30 to 36 in. (76 to 91 cm)

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

Days from transplant to harvest: 50 to 55 mature green; 70 to 75 ripe red

Heat level: Mildly hot

Plug crop time: 5 to 6 weeks

Transplant to finish: 4 to 7 weeks

Seed supplied as: Raw

2017 All-America Selections Winner



NEW Mad Hatter F₁ Speciality/Hot Pepper

- Unique hybrid *C. baccatum* is early and very productive, yielding more fruit than similar O.P. varieties.
- Intriguing flattened-disc shaped fruit has lobes or wings, and is crunchy, crisp and mild for perfect fresh eating at mature green or ripe red stage.
- Grown in hot, dry climates, a small percentage of fruit will have a touch of heat close to the seed cavity, but fruit wings will always remain sweet.
- Large-stature, indeterminate plants benefit from a support or trellis.

Capsicum baccatum 🌞

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

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

Days from transplant to harvest: 65 to 70 mature green; 85 to 90 ripe red

Heat level: Mild

Plug crop time: 5 to 6 weeks

Transplant to finish: 4 to 7 weeks

Seed supplied as: Raw

2017 All-America Selections Winner





SimplyHerbs™

- **NEW!** These three varieties are now available as **Precision Multi-Pellets**.
- For Growers producing Basil, 'Try Basil' and Sage, this offers reliable plug production, improved order fill rate, uniform quality in plug trays and improved margin, meaning more sales.
- For Hydroponic Growers producing Basil and 'Try Basil', this offers a higher percentage of transplantable plugs and a more uniform finished product.

◀ (left to right) **SimplyHerbs Basil, 'Try Basil' and Sage**



NEW SimplySalad® Arugula

- NEW Arugula and Cress debut the first single-species addition to SimplySalad.
- Quick to establish and can be harvested at a young leaf size for a mild, nutty flavor; leaves become spicy as they mature or are exposed to high temperatures.
- Upright type is perfect for bunching; includes a mix of lobes and smooth shapes good for salads or braising.
- Great addition to any garden including hydroponic systems.

Eruca sativa 

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

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

Days from sowing to harvest: 30 to 45

Plug crop time: 2 to 3 weeks

Transplant to finish: 2 to 4 weeks

Seed supplied as: Precision Multi-Pellets



NEW SimplySalad Cress

- Single-species multi-seed leafy green makes a great addition to any garden.
- Rosette-forming plants with no stem-roots stay in a neat, tidy bunch for many weeks before flowering.
- Leaves have a great lobe shape and spicy flavor perfect for salads or braising.

Barbarea verna 

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

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

Days from sowing to harvest: 40 to 60

Plug crop time: 3 to 4 weeks

Transplant to finish: 3 to 4 weeks

Seed supplied as: Precision Multi-Pellets



NEW Little Bing F₁ Cherry Tomato

- Part of our Little Collection of compact determinate plants with compact, tidy habits – at less than 2 ft. (61 cm) tall, the plants flourish in mid-size containers, stay a manageable size and produce lots of tomatoes at the peak of Summer.
- Fruit sets and ripens over a few weeks, allowing harvest of many tomatoes at one time.
- Yields lots of flavor-filled, red cherry tomatoes to eat fresh or add to recipes.

Solanum lycopersicum 🌞

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

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

Days from transplant to harvest: 60 to 65

Disease resistance: Fusarium Race 2, Verticillium

Plug crop time: 4 to 5 weeks

Transplant to finish: 2 to 6 weeks

Seed supplied as: Raw



NEW Little Sicily F₁ Slicer Tomato

- Produces plenty of good-tasting, small, 3 to 4-oz. (85 to 110-g) red slicer tomatoes that are great fresh or used in recipes.
- Joins Little Bing and Little Napoli to provide sturdy, compact determinate plants that can be grown successfully with or without a trellis.
- Determinate habit will set the majority of flowers and ripened fruit in a period of a few weeks for a large harvest.

Solanum lycopersicum 🌞

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

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

Days from transplant to harvest: 60 to 65

Plug crop time: 4 to 5 weeks

Transplant to finish: 2 to 6 weeks

Seed supplied as: Raw



NEW Midnight Snack F₁ Cherry Tomato

- Unique cherry tomato ripens red with a blush of glossy black-purple on the skin when exposed to sunlight due to anthocyanin pigment – eye-catching in the store and on the market stand!
- Indeterminate plants are productive all season, yielding fruit that is well-balanced and flavorful.
- Great in salads or eaten straight off the plant...a guilt-free treat!

Solanum lycopersicum 🌞

Height: 60 to 72 in. (152 to 183 cm)

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

Days from transplant to harvest: 65 to 70

Plug crop time: 4 to 5 weeks

Transplant to finish: 2 to 6 weeks

Seed supplied as: Raw

2017 All-America Selections Winner





NEW Rockin'™ Red F1 Dianthus

- Dynamite RED will keep perennial borders alight for years to come, thanks to its vivid color, durable performance and count-on-it overwintering!
- Opens the door to premium product sales in perennial quart and gallon programs for mid-Spring and the Fall decorating season.
- Lacy, slightly scented flowers top full and long-lasting plants – delivers *lots of plant for the money* and that's sure to satisfy shoppers.

Dianthus x barbatus interspecific 🌞

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

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

USDA Zones: 5a to 8b

A First-Year-Flowering Perennial.

Plug crop time: 4 to 6 weeks

Transplant to finish: 8 to 9 weeks

Seed supplied as: Pelleted



NEW Bandera Pink Lavandula

- *A true breeding breakthrough!* The first professional-quality seed *L. stoechas* series offers a compact to medium habit with good branching and uniformity – easily fills 4-in. (10-cm) pots to gallons, with flowers almost covering the plant.
- Short harvest window – fits bench run programs.
- **NEW Pink** is an important introduction and the perfect partner to Purple. Features large, soft pink flags on spikes with deep rose flowers.

Lavandula stoechas 🌞

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

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

USDA Zones: 7a to 10b

A First-Year-Flowering Perennial.

Plug crop time: 6 to 7 weeks

Transplant to finish: 11 to 14 weeks

(28 to 35 weeks overwintered, only in high light/low humidity areas)

Seed supplied as: Raw



Early Sunrise



Sun Up



Sunfire

Coreopsis 🌞

- **NEW!** Now available as **primed seed** to deliver reliable plug production, improved order fill rate, uniform quality in plug trays and as a finished product, and improved margin.



NEW Mountain Frost™ Collection Dianthus

- Requires no vernalization to flower.
- Will re-bloom consistently from early Spring until Fall.
- Tolerant of rainy and wet conditions.
- A great landscape border collection.
- Tidy, mounding habit.

Dianthus hybrida ☀️

Height: Varies by variety

Spread: Varies by variety

USDA Zones: 5a to 9b

MOUNTAIN FROST is a trademark of Geu Koning.

◀ NEW Pink PomPom



NEW Silver Strike

A surge of bright, bicolor pink flowers and silver foliage.

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

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



NEW Rose Bouquet

Extra-large, deep rose flowers with deep green foliage.

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

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



NEW Pink PomPom

Double rose-pink flowers provide a lovely cascade of color.

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

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



NEW Pink Carpet

A burst of bright pink color with a carpet of strong, green foliage.

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

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



NEW Pink Twinkle

Bright, bicolor pink flowers with silvery-green foliage.

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

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



NEW White Twinkle

Bicolor white and pink flowers with silvery-green foliage.

Height: 5 to 6 in. (13 to 15 cm)

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



Sombrero® Series Echinacea

- Sombrero's vibrant colors are matched by its exceptional Winter hardiness and excellent branching.
- Available as tissue culture-raised liners.

Echinacea x hybrida 🌻

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

Spread: 22 to 24 in. (56 to 61 cm)

USDA Zones: 5a to 9b

4 NEW Sombrero Lemon Yellow Improved Echinacea



NEW Sombrero Sangrita Echinacea

A vibrant scarlet-red color with burgundy-red flower stems that enhance the beauty of the plant.



NEW Sombrero Granada Gold Echinacea

Features a rich, golden-yellow color that doesn't fade, and the outstanding Sombrero habit and hardiness.



NEW Sombrero Lemon Yellow Improved Echinacea

Upgraded for wider, overlapping petals for a more colorful flower presentation. Also, it features a more compact habit and more flowers per plant.



NEW Bowles Me Away Erysimum

- No vernalization required to flower, and it's heat tolerant, so it continues to bloom from Spring into the heat of Summer.
- Narrow, gray-green leaves stay evergreen in mild Winters.
- Large flower heads have bright lavender blooms that are especially brilliant in Spring.

Erysimum linifolium 🌻

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

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

USDA Zones: 6a to 8b



NEW Cheers™ Series Erysimum

More flowers, richer colors and better habits than standard Erysimum.

Erysimum linifolium ☀️

Height: 18 to 22 in. (46 to 56 cm)

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

USDA Zones: 7a to 10b

◀ NEW Cheers Sun-kissed Amethyst Erysimum



NEW Cheers Sun-kissed Amethyst Erysimum

Like a bouquet of flowers on one plant. Flowers open as golden-yellow and mature to colors from bronze to lavender.



NEW Cheers Florange Erysimum

Offers a rich orange color to expand the series.



NEW Autumn Gold Helianthus

- Excellent Fall-flowering companion to garden mums.
- Hardy and drought-tolerant once established.
- An attractive, maintenance-free perennial with bright golden-yellow flowers that bloom from September until November or hard frost.

Helianthus angustifolius ☀️

Height: 24 to 26 in. (61 to 66 cm)

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

USDA Zones: 5a to 10a



NEW Snowsation Iberis

- The largest flowers of any compact iberis.
- Plants flower uniformly and branch freely.
- Mid-season flowering window.

Iberis sempervirens ☀

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

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

USDA Zones: 4a to 9a



NEW White Magic Leucanthemum

- Large, semi-double white flowers have a very long blooming season.
- Bred and selected for an extended flowering window.
- No deadheading is required for re-blooming.

Leucanthemum superbum ☀

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

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

USDA Zones: 5b to 9b



NEW Bandwidth Miscanthus

- Dwarf ornamental grass with banded foliage that provides interest in the garden.
- Rust resistant and infertile.

Miscanthus sinensis ☀

Height: 30 to 36 in. (76 to 91 cm)

Spread: 30 to 36 in. (76 to 91 cm)

USDA Zones: 5a to 9b



NEW Lido™ Series Delosperma

- Amazing flowering addition to succulent programs!
- Big color and big retail appeal in a drought-tolerant plant!
- Cost-effective, impressive flowering perennial has low watering needs.
- Bright, colorful blooms grab home gardener attention at retail, increasing sell-through.

Delosperma cultivars 🌻

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

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

◀ **NEW Hot Pink**



NEW Hot Pink



NEW Magenta



NEW Orange+Eye



NEW Pink



NEW Pink+Eye



NEW White



NEW Dalaya™ Yellow 18 Dahlia

- NEW Yellow 18 has been upgraded for stronger stems.
- Exotic bicolors charm with awesome retail appeal and garden performance in even more varieties.
- Medium-vigor with excellent branching, exceptional habit and superior mildew resistance.

Dahlia hybrida 🌻

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

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



ColorPower™ Series New Guinea Impatiens

- Count on ColorPower for a great range of colors, including two bright new novelties.
- Big, vibrant blooms light up the shade.

Impatiens hawkerii 🌸

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

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

◀ NEW ColorPower Red Flame New Guinea Impatiens



**NEW ColorPower Red Flame
New Guinea Impatiens**



**NEW ColorPower White Red Flame
New Guinea Impatiens**



**NEW ColorPower Orchid
New Guinea Impatiens**



NEW ImPower™ Series New Guinea Impatiens

- A very early flowering series with very large flowers and a full range of exciting colors.
- ImPower is produced at our production farm under a specific culture regime to achieve the earliness and large flower size for small containers and packs across the entire series.

Impatiens hawkeri 🌱

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

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

◀ **NEW ImPower Orange**



NEW ImPower Dark Red



NEW ImPower Electric Purple



NEW ImPower Lavender



NEW ImPower Orange



NEW ImPower Purple Blue



NEW ImPower Red Flame



NEW ImPower Salmon



NEW ImPower Salmon+Eye



NEW ImPower Violet



NEW ImPower White



NEW ImPower White Red Flame



NEW ImPower White Pink Eye



NEW Big Bounce™ Lavender Flame Interspecific Impatiens

- **NEW Lavender Flame** has a beautiful hot pink flaming center.
- Bounce is Made for Shade! Big Bounce is ideal for in-ground planting and large containers.
- Offer the habit and flower count of *Impatiens walleriana*, but they're resistant to downy mildew!

Impatiens hawkeri 🌈

Height: 20 to 30 in. (51 to 76 cm)

Spread: 20 to 36 in. (51 to 91 cm)



NEW Sweet Dreams Collection Lavender

- The Sweet Dreams Collection offers strong growing with low to no vernalization required.
- These strong, well-branched plants provide deeper color flowers, superior fragrance and better Summer performance compared to other English Lavender.

Lavandula angustifolia  

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

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

USDA Zones: 5a to 11

NEW Sweet Dreams Blue



NEW Sweet Dreams Blue

Strong, well-branched English Lavender has excellent heat performance.



NEW Sweet Dreams Lavender

Strong-performing English Lavender with showy lavender blue blooms.



NEW LaVela™ Compact White Lavender

- Sturdy plants with excellent branching flower earlier than most *L. stoechas* for early-season sales.

Lavandula stoechas 

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

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



NEW Featherlight Little White Lobularia



NEW Featherlight White Lobularia

NEW Featherlight Series Lobularia

- A good series of lobularia that offers a shippable cutting for use in different sizes of containers.
- This is a great choice for growers, allowing them to tailor their needs for small containers and combinations with Little White, as well as large containers and single-species baskets with White.
- Provides a sweet fragrance on the retail shelf and in the home garden.

Lobularia maritima 🌞🌱

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

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



NEW Marcada™ Series Interspecific Geranium

- This strong interspecific geranium series offers superior flower retention throughout growing, shipping and on the retail shelf.
- Also, holds its flowers well in the rain and thrives in the heat to thrill home gardeners throughout Summer.

Pelargonium cultivars 🌞🌱

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

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

◀ **NEW Marcada Dark Red Geranium**



NEW Marcada Dark Red Geranium



NEW Marcada Magenta Geranium



NEW Marcada Pink Geranium



NEW Dundee Series Mandevilla

- These very strong plants with vivid, non-fading flowers are available as unrooted or callused cuttings.
- With Dundee, growers can produce mandevilla cost-effectively and with different production options, providing top-performing, intensely colored plants.

Mandevilla sanderi 🌞

Height: 24 to 48 in. (61 to 122 cm)

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

◀ NEW Dundee Red Mandevilla



NEW Dundee Red Mandevilla



NEW Dundee Pink Mandevilla



NEW PortoGrande™ Raspberry Lemonade Portulaca

- Large, vibrant blooms thrive in hot and arid conditions for great performance in landscapes, baskets and mixed containers.
- **NEW Raspberry Lemonade** adds an exciting bicolor to the series.

Portulaca Oleracea 🌞

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

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



Headliner™ Series Petunia

- Mounded petunia series has expanded its dramatic color range to include 7 new colors to create amazing baskets and large pots.

Petunia cultivars 🌞

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

Spread: 20 to 30 in. (51 to 76 cm)

◀ **NEW Pink Sky**



NEW Night Sky

Original Night Sky is now part of the Headliner series! Fits series for flower timing and habit.



NEW Blueberry Swirl



NEW Raspberry Swirl



NEW Lipstick



NEW Cherry Star



NEW Banana Cherry Swirl



NEW Main Stage™ Series Petunia

- Our most vigorous petunia line!
- Eye-catching colors will increase retail sales and attract customers in large, full hanging baskets.
- The gardener will love them too, as they have great Summer performance!

Petunia Cultivars 🌟

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

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

◀ **NEW Main Stage Pink Petunia**



NEW Main Stage Violet



NEW Main Stage Purple



NEW Main Stage Violet Picotee



NEW Main Stage Hot Pink



NEW Main Stage Red



NEW Main Stage Blueberry



NEW Main Stage Pink Vein Petunia



NEW Main Stage Light Blue Petunia



NEW Main Stage White Petunia



NEW Starlet™ Salmon 18 Petunia

- **NEW Salmon 18** is upgraded for stronger blooms, more saturated color and a habit that better matches the series.
- Compact and controlled, with well-matched timing, vigor and habit.

Petunia x hybrida 🌟

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

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



NEW Lascar™ Salmon Verbena

- **NEW Salmon** expands the assortment with a nice salmon color.
- Excellent color range in a uniform, reliable series.
- Early-flowering with a mounded habit and medium vigor.

Verbena Cultivars 🌟

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

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

Contact your preferred supplier to order PanAmerican Seed, Kieft Seed, Darwin Perennials and Selecta products.

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