



2017
NEW
VARIETIES
SHOWCASE



seed

PanAmerican Seed® **KieftSeed**

USE THE POWER OF SEED

NEW Blue Steel
Perovskia P. 27



NEW Megawatt Pink
Bronze Leaf Begonia P. 6



NEW Stellar
Tomato P. 36



NEW Fuseables® Calibrachoa
Paradise Island P. 8



EFFICIENT
Slots right into your
mechanized production.

AVAILABLE
Get what you need,
when you need it.

ECONOMICAL
High-performance results
with less labour, lower cost.

SAFE
Order, store and
schedule without risk.



Helping you deliver Garden Power in every plant!

PanAmerican Seed is proud to offer you our **most powerful lineup ever**. You'll meet innovative varieties that were only imagined until now: high-voltage colours...stunning textures...on-trend appeal...super-strong performance year after year...exciting new markets.

What ties this amazingly varied list together is our promise that every variety is tested over and over to prove that it's **durable, long-lasting and trustworthy**. Trialing begins right in our research greenhouses and in our fields. But we never stop there - every potential introduction heads out to commercial greenhouses and to real-life gardens for intense trialing. It's only when our customers give the varieties they've seen in action two thumbs up that they head off to market.

Within these pages are products that have proven themselves to be **good for the grower and good for the gardener**. Varieties like super-charged Megawatt begonia and Kabloom calibrachoa, now in Fuseables form as Paradise Island. So go ahead...**grow and sell every one of our products with complete confidence!**

Mark Short
Global Sales Director
PanAmerican Seed

NEW PRODUCTS FRESH OPTIONS ROBUST PROFITS

TRIALED & TESTED

Every one of these varieties was proven in real-life settings so that you always move smoothly from Seed to Success.



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**HANDPICKED
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annuals

PanAmerican Seed®



NEW

Purple Prince Alternanthera

ALTERNANTHERA 🌻🌻

Alternanthera brasiliana

New Purple Prince

Height: 14 to 16 in./35 to 40 cm

Spread: 18 to 20 in./45 to 50 cm

Plug crop time: 4 to 5 weeks

Transplant to finish: 7 to 8 weeks

Supplied as raw seed.

- First compact seed alternanthera is the easy-to-grow alternative to vegetative.
- Naturally compact plants need fewer PGRs.
- Beautiful foliage item: burgundy-purple with ruby rose underside for a bicolor look.
- Great in Summer landscapes - stands tough in heat and humidity with low water needs.
- Also makes a good "spiller" in mixed containers.



NEW

Dracula Celosia

CELOSIA 🌻

Celosia cristata

New Dracula

Height: 8 to 16 in./20 to 40 cm; shorter growth in high light

Spread: 8 to 12 in./20 to 30 cm

Plug crop time: 3 to 4 weeks

Transplant to finish: 6 to 8 weeks

Supplied as coated seed.

- First-of-its-kind novelty celosia shows one big flower atop the plant.
- In the greenhouse, flower is red and foliage is green with some red. Outdoors, foliage is darker and more purple-toned and flower is darker purple.
- Unusual shape and eye-catching colour add drama to landscapes, gardens and containers.
- Good mid-height border plant.

PREMIUM SUN COLEUS & PACK COLEUS

See page 10.



NEW

Megawatt Pink Bronze Leaf

Plug into huge growing power!

Thought you were growing the earliest? The easiest? The most flower power? Think again! Megawatt Bronze Leaf varieties - including first-of-its-kind Pink - give you faster finishing, more manageable begonias than any other series like it. Combined with the Megawatt Green Leaf begonias, you get a king-size series that glows with high-voltage colour, Spring through Autumn.



Lynne Knosher
Plant Breeder

USE THE POWER OF FIRST IN THE STORE

Megawatt lets you ship and sell high-impact begonias earlier in the season - just when those early bird gardeners are clamoring for colour, and LOTS of it! In our breeder trials in both the U.S. and Europe, unique Pink Bronze Leaf and partner Rose Bronze Leaf prove they move off your benches 5 to 15 days faster than comparable products, so your plants will be front and center at that prime Spring shopping time.

F1 BEGONIA 🌞🌱
Interspecific begonia

New Megawatt Series

Height: 20 to 28 in./50 to 70 cm
Spread: 16 to 24 in./40 to 60 cm

Plug crop time: 6 to 8 weeks
Transplant to finish: 6 to 9 weeks

Supplied as pelleted seed.

- Striking, non-stop flowers keep plants covered in huge colour all through the Summer.
- Pink Bronze Leaf delivers a colour unique to this type of begonia.
- Sturdy flower stems hold flowers above the foliage for superior show versus others.
- The Megawatt Bronze Leaf varieties are faster to flower than the Green Leaf varieties.
- Beautiful plants with lush foliage are perfect for landscapes, baskets, big tubs and borders.
- Performs well in heat/drought, with no deadheading needed.
- Ship and sell Megawatt containers early, and follow up with main-season baskets of Dragon Wing.

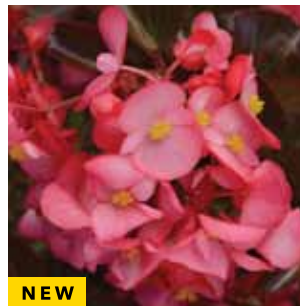


NEW

Rose Green Leaf



Megawatt is retail-ready in 6-in./15-cm pots and larger.



NEW

Rose Bronze Leaf



NEW

Rose Green Leaf



NEW

Red Green Leaf



NEW

Pink Bronze Leaf



NEW

Paradise Island

Paradise Island takes you to your happy place.

This striking new intro is *the first Fuseables to contain the first seed calibrachos, Kabloom®*. You get the stunning beauty and reliable, efficient performance of this seed-grown superstar, combined with the balance and precision that our patented Fuseables Precision Multi-Pellets deliver every time. Yes, you really can have it all!



Laurence Pallez
Product Line Manager

USE THE POWER OF CENTRE-STAGE COMBOS

Want to truly stand out in the ever-changing world of combos and grow your "Better" price point? Go with Fuseables, the program that assures you'll consistently turn out better-looking, more consistent mixes. Still the only combo program from a single pellet, Fuseables seed technology comes with guaranteed peace of mind in every pellet.

Easy-to-produce, two and three-variety mixes are ideal for colour bowls, baskets and large patio containers. Use 1 to 3 plants per 10-in./25-cm container and 3 to 5 plants per 12-in./30-cm container for best results.

New Calibrachoa Paradise Island Kabloom Yellow plus denim and rose (not available separately). 7-day flowering window.

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

New Viola Sunset Boulevard Sorbet® Lemon Chiffon and Peach Melba.

New Viola Sunglow Sorbet Lemon Chiffon and Midnight Glow.

12 Fuseables and 9 Made With Wave Fuseables varieties are available. See page 46 of the 2016 Catalogue for more information.



NEW

Rise N Shine

Sunset Boulevard and Sunglow give you an easy way to offer viola combos in opening price point baskets and colour bowls for Spring and Autumn.



NEW Sunset Boulevard

NEW Sunglow

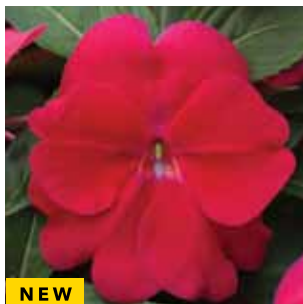


NEW

Pineapple Surprise Premium Sun Coleus



Divine New Guinea Impatiens



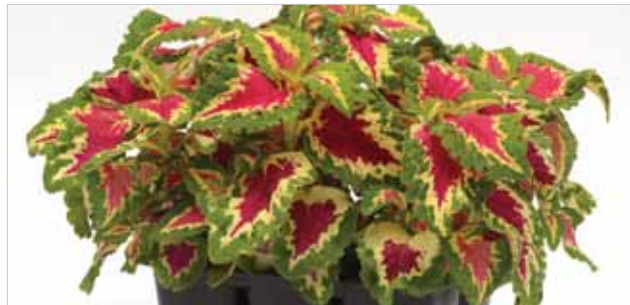
NEW

Divine Lipstick New Guinea Impatiens



NEW

Divine Orchid New Guinea Impatiens



Wizard Rose Pack Coleus

PREMIUM SUN COLEUS 
Solenostemon scutellarioides

New Pineapple Surprise

Height: 18 to 26 in./45 to 65 cm

Spread: 18 to 22 in./45 to 55 cm

Plug crop time: 5 to 6 weeks

Transplant to finish: 6 to 8 weeks

Supplied as pelleted seed.

- Unique and versatile tricolour 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 bicolour instead of chartreuse.
- Stable colour/pattern all season like similar vegetative varieties.
- Very late-flowering for longer lasting performance and holds very well in extreme weather.

11 Premium Sun Coleus varieties are available. See page 32 of the 2016 Catalogue for more information.

PACK COLEUS 
Solenostemon scutellarioides

Wizard® Series

Height: 12 to 14 in./30 to 35 cm

Spread: 10 to 12 in./25 to 30 cm

Plug crop time: 5 to 6 weeks

Transplant to finish: 7 to 9 weeks

Supplied as raw seed.

- Mid-size leaves.
- Great for packs and useful for indoor pot plant programs.

Rose reintroduces this popular colour.

10 Wizard varieties and 2 mixtures are available. See page 36 of the 2016 Catalogue for more information.

**GERBERA
Revolution Collection**
See page 22.

F1 NEW GUINEA IMPATIENS 
Impatiens hawkeri

Divine Series

Height: 10 to 14 in./25 to 35 cm

Spread: 12 to 14 in./30 to 35 cm

Plug crop time: 5 to 6 weeks

Transplant to finish: 7 to 8 weeks

Supplied as professional-quality raw seed.

- Your best shade alternative – this grower-friendly series is perfect for shade landscape premium packs, 4-in./10-cm and quart programs.
- High resistance to Impatiens Downy Mildew plus best-in-class seed quality with unsurpassed availability.
- More colours and mixes than Florific, with more consistent colour.
- More vigour in planters and landscapes.
- Range of production sizes offers flexible product assortment and pricing opportunities.

New Lipstick makes a long-time favourite colour in *I. walleriana* available for the first time in New Guinea Impatiens.

New Orchid displays distinctive, saturated purple/pink tones.

13 Divine varieties and 7 mixtures are available. See page 60 of the 2016 Catalogue for more information.

FRENCH MARIGOLD

Tagetes patula

DWARF CRESTED FRENCH MARIGOLD

New Fireball New Strawberry Blonde

Fireball:

Height: 10 to 12 in./25 to 30 cm

Spread: 6 to 8 in./15 to 20 cm

Flower size: 2.5 in./7 cm

Strawberry Blonde:

Height: 8 to 10 in./20 to 25 cm

Spread: 6 to 8 in./15 to 20 cm

Flower size: 2.25 in./6 cm

Plug crop time: 3 weeks

Transplant to finish: Premium packs, 3 to 4 weeks; Quarts or multi-plants in larger pots, 4 to 6 weeks

Supplied as coated and as de-tailed seed.

- Meet the "New World marigolds" – this pair introduces germplasm never seen before in African or French marigolds and puts multicolour blooms on the same plant.
- Completely new look for premium packs, pots and decorative containers.
- In early Spring growing conditions, flowers age and change colour more slowly for maximum contrast. In warmer conditions, colour changes faster with less distinct contrast.

HEAT-TOLERANT EXTRA-DWARF CRESTED FRENCH MARIGOLD

New Hot Pak Series

Height: 6 to 7 in./15 to 18 cm

Spread: 6 to 8 in./15 to 20 cm

Plug crop time: 3 weeks

Transplant to finish: 3 to 4 weeks

Supplied as coated and as de-tailed seed.

- Extend the marigold season with the first French marigold series bred to bloom all Summer long, even in high temperatures and humidity.
- Stays compact and keeps on flowering without stretching or falling open.
- Includes all the key colours, perfectly genetically matched.
- Ideal for pack programs and landscapes.

F1 AFRICAN (AMERICAN) MARIGOLD

Tagetes erecta

Marvel Series

Height: 18 in./45 cm

Spread: 10 in./25 cm

Plug crop time: 3 weeks

Transplant to finish: 7 to 8 weeks

Supplied as coated and as de-tailed seed.

- Best intermediate-height African Marigold on the market is ideal for landscaper programs. Performance-tested tolerance to *Botrytis*.
- Extra-sturdy stems won't break in shipping or poor weather.

New Orange Improved Height and habit better match the series. Improved double flower form delivers a longer show of the true, deep orange colour.

3 Marvel varieties and a mixture are available. See page 81 of the 2016 Catalogue for more information.

Taishan® Series

Height: 10 to 12 in./25 to 30 cm

Spread: 8 to 10 in./20 to 25 cm

Plug crop time: 3 weeks

Transplant to finish: Spring 4 to 6 weeks, Summer 7 to 8 weeks

Supplied as coated and as de-tailed seed.

- Best dwarf African Marigold for landscapes – 20% shorter peduncles and 15% thicker stems than the market leader assure less stretch/breakage.
- Big, tightly petaled blooms on super-strong stems.

New Gold Improved Truer, more saturated golden colour; larger, more double blooms for better colour show.

3 Taishan varieties and a mixture are available. See page 82 of the 2016 Catalogue for more information.



NEW

Strawberry Blonde PAF



NEW

Fireball PAF



NEW

Hot Pak Mixture



NEW

Marvel Orange Improved



NEW

Taishan Gold Improved



NEW

Hot Pak Fire



NEW

Hot Pak Gold
US PAF



NEW

Hot Pak
Harmony US PAF



NEW

Hot Pak Flame
US PAF



NEW

Hot Pak Orange
US PAF



NEW

Hot Pak Spry
US PAF



NEW

Hot Pak Yellow
US PAF



NEW

Hot Pak Flame
US PAF



Matrix Pansy

F1 PANSY 🌻🌻

Viola x wittrockiana

F1 EXTRA LARGE-FLOWERED PANSY

Matrix® Series

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, Autumn 4 to 6 weeks

Supplied as primed and as raw seed.

- Your best option for longer days and warmer growing - less handling, less waste and exceptional holding power for higher profitability.
- Best uniformity of timing and plant habit on the market.
- 7-day bloom window across all colours in Autumn production - easy scheduling/growing.
- Low-maintenance series gives pro landscapers the best choice for uniform colour striping, plus the most flowers per plant of any large-flowered pansy.

26 Matrix varieties and 18 mixtures are available. See page 92 of the 2016 Catalogue for more information.

F1 LARGE-FLOWERED PANSY

Spring Matrix Series

Height: 8 in./20 cm

Finished 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, Autumn 4 to 5 weeks

Supplied as primed and as raw seed.

- 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.
- Large blooms maintain good presentation under cold, dark, wet Winter production.

New Beaconsfield "Top 10"-selling colour for Spring programs is a key retail addition to the series.

23 Spring Matrix varieties and 6 mixtures are available. See page 96 of the 2016 Catalogue for more information.

ORNAMENTAL MINT (CORSIKAN MINT) 🌻🌻

Mentha requienii

New Mini Mint

Height: 1 to 2 in./2.5 to 5 cm

Spread: 6 to 12 in./15 to 30 cm

Plug crop time: 2 to 3 weeks

Transplant to finish: 3 to 4 weeks

USDA Hardiness Zones: 6 to 9 (-10 to 20°F/-23 to -6°C minimum temperature)

Supplied as multi-seed pellets.

- Easy, economical way to grow and sell this attractive, highly fragrant groundcover or small pot plant.
- Each multi-seed pellet contains 8 to 12 seeds - one plug in a 4-in./10-cm pot delivers a nice fast fill. Can be direct sown.
- Eliminates dividing, rooting cuttings and broadcasting seed.
- Healthier, more uniform plants make great-looking 4-in./10-cm pots, mix components and garden specimens. Can also be marketed as a lawn replacement.
- NOTE: Leaves are non-toxic but do not have a palatable flavour.



NEW

Matrix Denim Pansy



NEW

Spring Matrix Beaconsfield Pansy



NEW

Mini Mint Ornamental Mint



NEW

Promise Marina Improved



NEW

Frizzle Sizzle Mixture Improved



NEW

Promise Moonlight



NEW

Promise Pure White Improved



NEW

Frizzle Sizzle Lemonade

Promise® Series

Height: 8 to 12 in./20 to 30 cm

Spread: 8 to 12 in./20 to 30 cm

Flower size: 2.75 in./7 cm

Plug crop time: 5 weeks

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

Supplied as primed and as raw seed.

- Selected for European growing conditions, Promise is ideal for high-density, pot-tight Spring programs for the European market.
- Early, compact plants with large flowers. Plants will not extend beyond the edge of the pot in production.
- Good for in-ground and container plantings.

New Marina Improved More stable colour pattern is also cleaner than the competition; more compact, less stretch.

New Moonlight White with blotch flowers have a purple cap; lower petals mature to mid to dark blue (YTT); appealing at all colour stages.

New Pure White Improved Much better plant habit and earlier to match series timing in Spring.

21 Promise varieties and 2 mixtures are available. See page 98 of the 2016 Catalogue for more information.

F₁ RUFFLED PANSY

Frizzle Sizzle Series

Height: 6 to 8 in./15 to 20 cm

Spread: 8 to 10 in./20 to 25 cm

Flower size: 2.5 in./6 cm

Plug crop time: 5 weeks

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

Supplied as primed and as raw seed.

- PanAmerican Seed is the only professional supplier of this unique frilly flower form - count on reliable seed supply.
- Great for cool season Winter and early Spring end-cap displays.
- Stronger ruffling occurs in cool conditions; Spring production is recommended.

New Mixture Improved Key series seller is brightened with the addition of new Lemonade plus lavender shades (not available separately).

7 Frizzle Sizzle varieties and a mixture are available. See page 99 of the 2016 Catalogue for more information.

cool wave®

COOL
wave®
PANSIES



NEW

Cool Wave Morpho

Twice the spread...double the colour!

Wow 'em with Cool Wave - hands down, it's the fastest-growing, longest-lasting, truly trailing pansy for Spring and Autumn. One trip to the garden centre for lush baskets or pots for in-ground planting is enough to convince anyone that Cool Wave is the cool-season gardener's dream.



Scott Rusch

Scott Rusch
Product Group Director

USE THE POWER OF MULTI-SEASON MAGIC

Spring dawns and so does the craving for fresh garden colour. Cool Wave pansies in fun seasonal colours are the perfect way to grab those early bird gardeners. Then entice them into the store once again with the rich tones that are right at home with the pumpkins and Autumn décor. Effortless never looked so good!



NEW

SPRING

Blueberry Swirl Improved



NEW

SPRING AUTUMN

Morpho

F1 SPREADING PANSY 🌻

Viola x wittrockiana

Cool Wave® Series

Height: 6 to 8 in./15 to 20 cm

Spread: 24 to 30 in./60 to 75 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 10 weeks, Autumn 4 to 8 weeks

Supplied as primed seed.

- The best-performing spreading pansy series delivers *easy spreading colour* for Spring and Autumn, so you can extend your growing season for the popular Wave Brand.
- The most prostrate habit of any spreading pansy - great in combos and as groundcover.
- Superior overwintering hardiness - Cool Wave is the earliest pansy to return in Spring.

New Blue Swirl Improved Superior germination and better seed quality than the original; much more stable, uniform bicolor pattern; more controlled habit; larger flowers are now comparable to Golden Yellow.

New Morpho Popular bicolor is now available in the premium spreading/trailing category to pump up sales.

New Purple Improved More vigorous for faster fill in less time; now matches Golden Yellow for vigour. 30% larger flowers assure showier retail sales.

10 Cool Wave varieties and 3 mixtures are available. See page 90 of the 2016 Catalogue for more information.

Maximize your growing success

Final all you need to grow fantastic Cool Wave pansies in the comprehensive Production Handbook. It's available in English and Spanish at panamseed.com or ask your distributor for a copy.



NEW

SPRING AUTUMN

Purple Improved

easy wave®

wave® PETUNIAS



NEW

Easy Wave Yellow

Premium Yellow pumps up profits!

The velvety Easy Wave Velour trio took the market by storm. Then the world was awed by Pink Passion and Silver. And now standout performer Easy Wave Yellow – introduced only in North America last year – is available for every garden around the world! Wow 'em with Yellow...wow 'em with Wave!



Lisa Lacy

Lisa Lacy
Senior Global Product Manager

USE THE POWER OF BOLD & CREATIVE

You'll always stand out in the petunia market with Easy Wave: Bring in the widest array of decorator colours – more than any other large-flowered petunia. Put the huge versatility to work – they're perfect for solo and mixed planters and baskets, gardens and landscapes. Best of all, these all-season salesmakers deliver customer-pleasing performance all Summer.

F1 SPREADING PETUNIA ☀️
Petunia x hybrida

Fuseables®

See page 9 for Rise N Shine, the second all-Wave Fuseables.

Easy Wave® Series

Height: 6 to 12 in./15 to 30 cm

Spread: 2.5 to 3.25 ft./75 cm to 1 m

Flower size: 2 to 3 in./5 to 7 cm

Plug crop time: 5 to 6 weeks

Transplant to finish: Spring 6 weeks, Summer 4 weeks

Supplied as pelleted seed.

- Exceptional uniformity means simplified production, maximized plug yields and the ability to meet every ship date for every colour.

New Yellow Better branching with strong rooting compared to vegetative yellow varieties. Flower size is similar to Red. 10 hrs. critical daylength. Moderate cold tolerance/sensitivity.

16 Easy Wave varieties and 9 mixtures are available. See page 108 of the 2016 Catalogue for more information.

everyone wins with wave



UNRIVALED GENETICS

Wave was born in 1995 and since that day, *The Authentic Trailing Petunia*™ has stood apart from every other for its **stunning spreadability...care-free colour...spectacular outdoor performance**. The overwhelming reaction from gardeners, landscapers and professional growers everywhere: give us more Wave!



DRESSED TO SELL

Consumers quickly embraced Wave petunias for their easy-care success. Distinctive **Pink Packaging** made it easy to find authentic Wave varieties in-store. Wave branded packaging **outsells black 6 to 1** and maintains the premium product image of the Wave Brand.



THEY KNOW, BUY AND TRUST WAVE

While we continue to bring out new colours, new series, new programs and new promos to keep the Wave Brand dynamic and fresh...from day one, the focus on **easy spreading color** has remained strong and true. Because that's what keeps consumers satisfied and coming back for more.



EARLY-SEASON SALES

MID-SEASON PERFORMERS

LATE-SEASON OPTIONS

3 SEASONS OF WAVE

Game-changing **Cool Wave pansy** performed so well from bench to garden that it became the first "non-petunia" that deserved to wear the Wave name. The most powerful plant brand in the world delivers **gardening, selling, installing and growing success from early Spring through Autumn**.

Panamseed.com/WaveBook

Find everything you need to grow and sell Wave and Cool Wave successfully...always up-to-date, always available.



NEW

Sedona Sun Ornamental Pepper

PEPPER, ORNAMENTAL 🌞

Capsicum annuum

FRUITING ORNAMENTAL LANDSCAPE PEPPER

New Sedona Sun

Height: 9 to 12 in./23 to 30 cm
Spread: 14 to 16 in./35 to 40 cm

Plug crop time: 4 to 5 weeks

Transplant to finish: 8 to 12 weeks for Autumn finish

Supplied as raw seed.

- Here's another opportunity to expand Autumn sales - this time in your large pot and home gardener landscape programs.
- Masses of distinctive lemon yellow and carrot orange fruit put a brilliant, multicolour display on every plant.
- Grow like Sangria, with similar timing.
- Best in 6 and 8-in./15 and 20-cm pots, gallons, mum pots.
- Grows uniformly in seasonal landscapes.
- Indeterminate growth.
- NOTE: Fruit is hot.

F1 PETUNIA 🌞

Petunia x hybrida

COMPACT GROWING FLORIBUNDA PETUNIA

Pretty Flora Series

Height: 7 to 10 in./17 to 25 cm
Spread: 8 to 12 in./20 to 30 cm

Plug crop time: 5 to 6 weeks

Transplant to finish: 5 to 7 weeks

Supplied as pelleted seed.

Available in North America only.

- Controlled habit assures tidier baskets than traditional petunias. Plants hold together and don't lodge later in the season like standard petunias can.
- Needs fewer to no PGRs.
- Suitable for cold growing.
- Tight bloom window.
- Better branching with improved airflow means less chance of disease, especially *Botrytis*.
- Perfect for high-density production and "promo" baskets.

New Rose Darker colour than Pretty Flora Pink; times like Pretty Flora Pink and Purple.

7 Pretty Flora varieties and 2 mixtures are available. See page 125 of the 2016 Catalogue for more information.

FLORIBUNDA DOUBLE PETUNIA

Double Madness Series

Finished height: 10 to 15 in./25 to 38 cm

Finished spread: 10 to 12 in./25 to 30 cm

Plug crop time: 4 to 5 weeks

Transplant to finish: 5 to 6 weeks

Supplied as pelleted seed.

Available in North America only.

- Offers the same superior performance as the original Madness series.
- Compact plants deliver masses of flowers all Summer.
- Well-suited to large containers, mixed combinations and beds.

Salmon brings back this rich colour.

8 Double Madness varieties and a mixture are available. See page 134 of the 2016 Catalogue for more information.



NEW

Hot Pops Purple Ornamental Pepper US PAF

FRUITING ORNAMENTAL POT PLANT PEPPER

New Hot Pops Purple

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

Plug crop time: 4 to 5 weeks

Transplant to finish: 8 to 12 weeks for Autumn finish

Supplied as raw seed.

- Pump up your Autumn pot plant sales with this new fruit form and multicolours!
- Small, round peppers of both purple and orange simultaneously make a high-impact display for outdoor and indoor decorating.
- Compact, heavily branched plants work well in mixed containers, colour bowls and Mum Pal programs.
- Good "Gateway to Gardening" item - easy décor to attract and keep today's young shopper.
- Best in quarts and 4 to 8-in./10 to 20-cm pots.
- Grow like Medusa.
- Determinate growth.
- NOTE: Fruit is very hot.



NEW

Pretty Flora Rose Petunia



Double Madness Salmon Petunia
(Reintroduction)

COMPACT GROWING
MULTIFLORA PETUNIA

Lo Rider® Series

Height: 7 to 10 in./17 to 25 cm
Spread: 8 to 12 in./20 to 30 cm

Plug crop time: 5 to 6 weeks
Transplant to finish: 5 to 7 weeks

Supplied as pelleted seed.

Not available in North America.

- Genetically shorter, more controlled plants are matched and manageable from bench to retail. Up to half the amount of PGRs needed, or none under some growing regimes.
- Perfect for high-density packs to "promo" baskets.
- Suitable for cold growing.
- Better branching with improved airflow - reduces the probability of disease, especially *Botrytis*.
- Enhanced, longer garden performance in containers and gardens than traditional petunias.

New Rose Bright colour is deeper than Lo Rider Pink; times like Lo Rider Purple.

6 Lo Rider varieties and a mixture are available. See page 123 of the 2016 Catalogue for more information.

MULTIFLORA DOUBLE
PETUNIA

Duo Series

Finished height: 10 to 15 in./25 to 38 cm

Finished spread: 10 to 12 in./25 to 30 cm

Plug crop time: 4 to 5 weeks
Transplant to finish: 5 to 6 weeks

Supplied as pelleted and as raw seed.

Not available in North America.

- Excellent seed quality, germination and young plant performance.
- Compact series produces masses of double, 2 to 2.25-in./5 to 5.5-cm flowers on well-branched plants.
- Works well in large mixed containers, baskets and beds.

Salmon reintroduces this popular colour.

8 Duo varieties and a mixture are available. See page 133 of the 2016 Catalogue for more information.

F1 PENTAS 🌞

Pentas lanceolata

Butterfly Series

Height: 12 to 22 in./30 to 55 cm
Spread: 10 to 18 in./25 to 45 cm

Plug crop time: 8 to 10 weeks
Transplant to finish: South 8 to 10 weeks, North 10 to 12 weeks

Supplied as pelleted seed.

- Hybrid vigour provides better stress tolerance than open-pollinated varieties.
- Gives pro landscapers and gardeners alike a mid-size, full-sun series that flourishes in high heat/humidity and tolerates Summer rains well while still showing colour.
- Can be sold as a late Spring to Summer item in cooler areas.

New Orchid Vibrant, non-fading colour.

7 Butterfly varieties are available. See page 102 of the 2016 Catalogue for more information.



NEW

Lo Rider Rose Petunia



Duo Salmon Petunia (Reintroduction)



NEW

Butterfly Orchid Pentas



Sorbet XP Yellow Pink Jump Up



Sorbet XP Beaconsfield Improved



Sorbet XP Autumn Select Mixture



Sorbet XP Blotch Mixture



Sorbet XP Spring Select Mixture



THE POWER OF SEED ON THE SHELF

Whether your crew is ready to sow new cutting edge varieties or popular, high-value bedding plants like vincas, pansies and petunias from PanAmerican Seed...rest assured that you'll have the seed you need.

When you place your order for varieties like Sorbet XP violas, Titan vincas and thousands of our other annuals, perennials and vegetables, you can always count on the industry's best product availability...speedy shipping to your door...and all the top-notch customer service and technical support that will keep you successful.

F1 VIOLA 
Viola cornuta

Fuseables®

See page 9 for new all-viola Fuseables®, both including a pair of Sorbet colours.

Sorbet® XP Series

Height: 6 to 8 in./15 to 20 cm

Spread: 6 to 8 in./15 to 20 cm

Plug crop time: 4 weeks

Transplant to finish: 3 to 5 weeks

Supplied as primed and as raw seed.

- Grow, ship, sell and plant the best-looking violas - Sorbet XP genetics deliver a uniform plant habit and the tightest bloom window.
- Fewer PGRs are needed.
- Superior holdability assures less shrink.
- 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; early; stay compact in both heat and cold; excellent overwintering; wide range of clear colours allows for custom mixes.
- Use in Autumn and Spring programs.

New XP Beaconsfield Improved 3 to 5 days earlier in Autumn, 7 to 10 days earlier in Spring; less stretch than the competition.

New XP Yellow Pink Jump Up Novelty colour - yellow lower petals and lavender-pink cap. NOTE: Cap fades with age and heat or PGR stress, similar to other pink cap types.

New XP Autumn Select Mixture Bold seasonal colours selected for optimal uniformity of timing and habit in Autumn.

New XP Blotch Mixture Best-matched and most well-balanced colour mix of any blotch mix on the market. Includes existing blotch varieties plus a preview of new and improved varieties that will be introduced separately in the future. Replaces Babyface Mixture.

New XP Spring Select Mixture Selected for optimal uniformity of timing and habit in Spring.

30 Sorbet XP varieties and 12 XP mixtures are available. See page 158 of the 2016 Catalogue for more information.



NEW

Titan Really Red Vinca PAF



NEW

Zahara XL Fire Improved Zinnia



NEW

Titan Blush Improved (left) vs Titan Blush Vinca



NEW

Double Zahara Brilliant Mixture Zinnia

F1 UPRIGHT VINCA ☀️
Catharanthus roseus

Titan® Series

Height: 14 to 16 in./35 to 40 cm
Spread: 10 to 12 in./25 to 30 cm

Plug crop time: 5 weeks
Transplant to finish: 3 to 4 weeks

Supplied as raw seed.

- Flowers up to 2 weeks faster than open-pollinated vincas, with up to 50% larger blooms in cooler temperatures.
- Robust plants have superior branching.
- Most uniform F1 vinca series, with all the top-selling colours.
- More stress-tolerant due to hybrid vigour - tolerates heat and drought and can withstand cooler and wetter conditions compared to O.P. types.

New Blush Improved Richer colour holds up better in conditions like the Southeastern U.S.; does not fade to white (lightens but does not whiten); retains the large eye.

New Really Red Top-selling vinca colour and a key colour for landscapers joins the series. Same colour as Pacifica Really Red.

13 Titan varieties and 7 mixtures are available. See page 152 of the 2016 Catalogue for more information.

ZINNIA ☀️
Zinnia marylandica

Zahara® XL Series

Height: 18 to 24 in./45 to 60 cm
Spread: 18 to 24 in./45 to 60 cm

Plug crop time: 3 weeks
Transplant to finish: Spring 8 to 9 weeks, Summer 5 to 6 weeks

Supplied as coated and as raw seed.

- The ideal choice for pro landscape programs: tremendous disease resistance for reliable, season-long performance... more vigour and larger blooms for quick fill... taller plants assure versatile uses and high visual appeal.
- Suitable for pot-tight production of 4-in./10-cm pots up to gallon containers.

New Fire Improved Larger flowers in a darker colour for more drive-by colour; less stretch and tidier habit to better match series, especially Yellow and White.

4 Zahara XL varieties are available. See page 166 of the 2016 Catalogue for more information.

DOUBLE ZINNIA ☀️
Zinnia marylandica

Double Zahara Series

Height: 16 to 20 in./40 to 50 cm
Spread: 16 to 20 in./40 to 50 cm

Plug crop time: 3 weeks
Transplant to finish: Spring 8 to 9 weeks, Summer 5 to 6 weeks

Supplied as pelleted and as raw seed.

- The only fully double, disease-resistant zinnia series has bigger flowers than the competition for more colour show.
- Superior all-season performance and durability in the landscape, especially in sunny, hot and dry conditions. Intermediate size is perfect for mid-level in the landscape. Works well in containers, too.

New Brilliant Mixture includes Yellow, Cherry and Fire.

5 Double Zahara varieties and 2 mixtures are available. See page 162 of the 2016 Catalogue for more information.



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revolution

gerbera

KieftSeed



NEW

Revolution Bicolor Red Lemon

Gateway to modern, affordable décor

Today's shopper loves the fresh, care-free good looks of cheery gerberas...and our trio of new bicolors adds a special boost. These "buy and enjoy" varieties offer eye-catching, take-home decorating that's sure to attract young consumers!



Bart Sneek

Bart Sneek
Senior Global Product Manager

USE THE POWER OF BICOLOUR BEAUTY

Our Revolution breeders have been extra creative with amazing new bicolors... some of the hottest sellers in gerberas! Three special varieties join last year's popular Bicolor Yellow Orange to give you an outstanding range of "twice as nice" products to enhance your program. Pay special attention to Bicolor Red White and just imagine the many holiday selling opportunities this newcomer adds!

Turn the page for more Revolution new varieties.



NEW

Bicolor Red White



NEW

Bicolor Rose White



NEW

Bicolor Red Lemon



NEW

Classic Mixture



NEW

Select Mixture

F1 GERBERA

Gerbera jamesonii

Revolution Series

Height: 8 to 12 in./20 to 30 cm

Spread: 5 to 6 in./13 to 15 cm

Flower size: 3 to 4 in./7 to 10 cm

Plug crop time: 6 to 7 weeks

Transplant to finish: 8 to 10 weeks

Supplied as coated seed.

- *The most uniform gerbera you can grow!* When it comes to uniformity of flowering window across a complete colour range, Revolution is the leading standard size pot gerbera.
- Fully programmable for high-density production year-round.
- Industry-leading seed quality.
- Better second flush of flowers than the competition assures much longer bloom time for the consumer.
- Best for 4.5 to 5.5-in./11 to 13-cm pots, quarts.

New Bicolor Red Lemon Unique bicoulor in gerberas.

New Classic Mixture and Select Mixture Revolution mixes are continuously upgraded as series colours are added and improved.

19 Revolution varieties and 2 mixes are available. See page 172 of the 2016 Catalogue for more information.



Bicolor Yellow Orange

mega revolution



NEW Scarlet Red with Light Eye



NEW White with Light Eye



NEW Orange with Light Eye



NEW Yellow with Dark Eye Improved

Mega Revolution Series

Height: 8 to 12 in./20 to 30 cm

Spread: 8 in./20 cm

Flower size: 4 to 5 in./10 to 12 cm

Plug crop time: 6 to 7 weeks

Transplant to finish: 8 to 10 weeks

Supplied as coated seed.

- Vigorous, bushy plants with very large flowers – beats competing series for both vigour and bloom size.
- Ideal for 6-in./15-cm pots and larger.

New Scarlet Red with Light Eye has the largest flowers on the market; best red variety in the series.

New White with Light Eye is a cleaner white colour than the competition.

New Yellow with Dark Eye Improved has a more uniform habit plus more uniform colour with less shading. 2 weeks earlier than the competition, with larger flowers and less colour shading.

13 Mega Revolution varieties and 2 mixes are available. See page 174 of the 2016 Catalogue for more information.



THE POWER OF SEED ON THE SHELF

The Revolution gerbera collection was built on collaboration from Day 1. We partner with Holland's Lekkerkerk family to bring you and your customers the best pot gerberas in the world.

Growers and our in-house teams trial every variety extensively to make sure that Revolution's signature "synchronized timing" is spot on for every variety. And, as always, our world-class Customer Service and Tech Support teams work hand-in-hand with you to make sure your production flows smoothly.



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perennials

KieftSeed

blue steel



NEW

Blue Steel



Cor de Jong
Global Product Manager

USE THE POWER OF STRONGER COLOUR, LONGER COLOUR

Extend your sales with Blue Steel - this high-impact newcomer combines the best Summer-blooming lavender-blue colour with outstanding late-season garden performance. Since you're starting with cost-efficient seed, it's affordable to use multiple plugs in each pot and always finish with huge retail appeal.

PEROVSKIA 
Perovskia atriplicifolia

New Blue Steel

Height: First year, 18 to 24 in./45 to 60 cm; second year and on, 30 to 36 in./75 to 90 cm

Spread: First year, 14 to 22 in./35 to 55 cm; second year and on, 20 to 28 in./50 to 70 cm

Plug crop time: 5 to 11 weeks

Transplant to finish: 9 to 15 weeks

USDA Hardiness Zones: 4 to 9 (-30 to 20°F/-34 to -7° minimum temperature)

A First-Year-Flowering Perennial.

Supplied as raw seed.

- Sturdy, controlled habit in the landscape is comparable to the vegetative leader.
- Aromatic, silvery foliage carries clouds of small blue flowers on strong silver stems that do not break or split easily.
- High flower show rate with 1 to 3 plugs per 1-gallon container or 3 to 5 per 2-gallon container.
- Pinch for optimal branching.
- Heat/drought tolerant, very hardy.

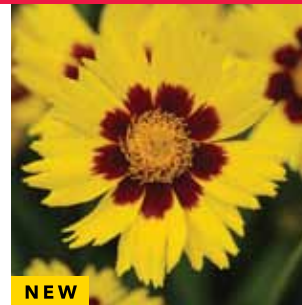
It's tough as...STEEL!

A perennial first: Now you can grow high-quality, affordable Perovskia from professional-grade seed. Blue Steel has higher and much more uniform germination than other seed varieties so you'll grow top-notch plugs easily and efficiently. No vernalization or overwintering is needed, so production time is slashed. And grown beside leading vegetative varieties, you can't see a difference.



NEW

Sunkiss US PVPAF, EU PBRAF



NEW

COREOPSIS 
Coreopsis grandiflora

New SunKiss

Height: 12 to 14 in./30 to 35 cm

Spread: 14 to 16 in./35 to 40 cm

Plug crop time: 5 to 6 weeks

Transplant to finish: 9 to 12 weeks

USDA Hardiness Zones:
4 to 9 (-30 to 20°F/-34 to -7°C minimum temperature)

A First-Year-Flowering Perennial.

Supplied as primed seed.

- A colour breakthrough in seed *C. grandiflora*: SunKiss is the brightest yellow with large blotch available.
- Larger, deep red blotch and larger flowers than Sunfire.
- Controlled habit - fewer PGRs needed, or no PGRs in certain conditions.
- Fast finish, with timing similar to Rising Sun.
- Well-branched and floriferous.
- Excellent heat-tolerant plant for novice and expert gardeners alike - reliable, easy to grow and the colour blends well with almost everything.

F1 GAILLARDIA 
Gaillardia x grandiflora

Mesa Series

Height: 14 to 16 in./35 to 40 cm
Spread: 20 to 22 in./50 to 55 cm

Plug crop time: 5 to 6 weeks
Transplant to finish: 11 to 13 weeks

USDA Hardiness Zones: 5 to 10 (-20 to 30°F/-29 to -1°C minimum temperature)

A First-Year-Flowering Perennial.

Supplied as clean seed.

- The first F1 gaillardia from seed puts out lots of fast colour on “no-flop” plants.
- More uniform in habit and flowering time than other seed gaillardia – easier scheduling and shipping.

New Red surpasses the competition in several areas: more consistent, redder colour; more uniform vigour/habit; 1 week earlier flowering. Flowers uniformly at 10 hours. Within the series, in Spring production, Red is 14 to 20 days earlier to flower than Bright Bicolor and Yellow. In Summer production, it is 1 week earlier than Bright Bicolor and 14 to 20 days earlier than Yellow.

4 Mesa varieties are available.

See page 191 of the 2016 Catalogue for more information.

LAVANDULA 
Lavandula angustifolia

New Lavance Deep Purple

Height: 10 to 12 in./25 to 30 cm
Spread: 10 to 12 in./25 to 30 cm

Plug crop time: 5 to 6 weeks
Transplant to finish: 9 to 11 weeks

USDA Hardiness Zones: 5 to 8 (-20 to 10°F/-29 to 12°C minimum temperature)

A First-Year-Flowering Perennial.

Supplied as raw seed.

- Produces the deepest purple-blue Summer colour with no bleaching, on the most controlled *L. angustifolia* available.
- The only well-bulked Summer English Lavender – does not break in shipping.
- Strong branching.
- 1 to 2 weeks earlier than Lavance Purple.
- Best for Summer production, longer days and higher temperatures. Can also be scheduled for traditional overwintering production with potting Weeks 28 to 32.
- Highly scented.
- Attracts bees and butterflies, resists deer and rabbits.



NEW

Mesa Red Gaillardia



NEW

Lavance Deep Purple Lavandula EU PBR/AF



THE POWER OF EASY & EFFECTIVE OPTIONS

Our varied and versatile lineup of First-Year-Flowering seed perennials opens new doors, giving you flexibility and taking the stress out of growing this popular class.

Exciting innovations like the first professional-grade seed Perovskia, Blue Steel, or super-bright SunKiss coreopsis give you affordable and high-performance alternatives that you can schedule, grow and ship right alongside your Spring annuals. Seed shows up at your door when you need it and keeps you on track to meet your delivery dates every time.



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cut flowers

PanAmerican Seed®



NEW

Sweet Deep Pink Maxine

It's the best commercial *D. barbatus* series!

Choose Sweet with confidence - there isn't another *Dianthus barbatus* that comes close to this top-notch series. Sweet delivers outstanding product year-round with no vernalization needed, whether you grow indoors or out. Count on high yields of saleable stems to send to market. And with 11 separate colours - including this year's terrific Deep Pink Maxine - you've got every floral designer's needs covered.



Shravan Dasoju
Product Line Manager

USE THE POWER OF THE COLOUR FLORISTS WANT

They all want PINK...but different markets prefer different shades. With its exceptional true deep pink colour, newcomer Sweet Deep Pink Maxine expands the palette in this important floral colour class and gives you even more selling opportunities.

F1 SINGLE DIANTHUS ☀️
Dianthus barbatus

Sweet Series

Height: 18 to 36 in./45 to 90 cm
Planting density: 4 to 6 plants/ft.²
(42 to 64 plants/m²)
Best for: Greenhouse, high tunnel; also suitable for field

Plug crop time: 4 to 5 weeks
Transplant to finish: Late Spring/
Summer greenhouse/field, 8 to 9 weeks; Late Summer/Winter greenhouse, 9 to 13 weeks; Field, 15 to 18 weeks

Supplied as pelleted seed.

- Large, fragrant, long-lasting blooms on strong, straight stems.
- Very uniform for height and flowering time.
- Good filler - adds volume to floral bouquets.
- Excellent retail holdability.

New Deep Pink Maxine offers a more intense colour than Sweet Pink. A top-selling colour in most markets.

11 Sweet varieties and a mix are available. See page 215 of the 2016 Catalogue for more information.



Sunday Gold Celosia

CELOSIA ☀️
Celosia plumosa

Sunday® Series

Height: 28 to 40 in./70 cm to 1 m
Spread: 6 to 8 plants/ft.² (64 to 80 plants/m²)
Best for: Greenhouse, high tunnel

Plug crop time: 2 to 3 weeks
Transplant to finish: 12 to 16 weeks

Supplied as coated seed.

- First professional cut version of the popular plume-shape celosia.
- Full plumes and long, strong stems enhance high-end retail mixed bouquets.
- Short programmable production time and high yield - ideal for high-density programs.
- Excellent shipability and vase life.

New Gold offers a brighter yellow-gold colour than Sunday Yellow; ideal for bolder bouquet design.

6 Sunday varieties are available. See page 213 of the 2016 Catalogue for more information.

NORTHERN GREENHOUSE SELECTABLE MATTHIOLA (STOCK) ☀️
Matthiola incana

Aida Series

(Spring Flowering, Group 2)

Stem length: 32 in./80 cm
Planting density: 6 plants/ft.² (64 plants/m²)
Best for: Greenhouse

Plug crop time: 5 to 6 weeks
Transplant to finish: Winter, 11 to 12 weeks; Spring, 8 to 9 weeks; Summer, 3 to 5 weeks; Autumn, 4 to 7 weeks

Supplied as raw seed.

- Use with new Mathilda series to offer an outstanding lineup for year-round production.
- Well-matched for timing with very uniform plant performance.

New Apricot Improved offers the best apricot on the market, with more uniform flowering and more consistent height and colour.

4 Aida varieties are available. See page 224 of the 2016 Catalogue for more information.

New Mathilda Series

(Spring Flowering, Group 2)

Stem length: 32 in./80 cm
Planting density: 6 plants/ft.² (64 plants/m²)
Best for: Greenhouse

Plug crop time: 5 to 6 weeks
Transplant to finish: Winter, 11 to 12 weeks; Spring, 8 to 9 weeks; Summer, 3 to 5 weeks; Autumn, 4 to 7 weeks

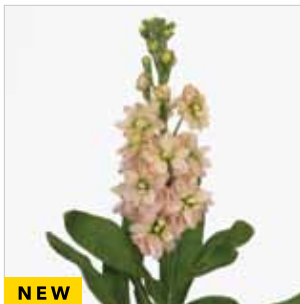
Supplied as raw seed.

- Mathilda delivers the most uniform series on the market for habit and timing, with the best seed quality of any selectable matthiola.
- Important upgrade assures more programmable production, higher production per sq. ft./m in the greenhouse and fewer losses.

New Pink is slightly taller than White and Yellow.

New White produces consistent colour.

New Yellow offers the best selectable yellow variety, with consistent, uniform colour.



Aida Apricot Improved Matthiola



Mathilda Pink Matthiola



Mathilda White Matthiola



Mathilda Yellow Matthiola

PRODUCTION GUIDE			
Class/Variety	Greenhouse	High Tunnel	Field
CELOSIA			
Sunday Gold	X	X	
F1 DIANTHUS			
Sweet Deep Pink	X	X	X
MATTHIOLA			
Aida Apricot Improved	X		
Mathilda Series	X		
SNAPDRAGON			
Cool Orange	X	X	

See the full chart of all PanAmerican Seed cut flowers on page 235 of the 2016 Catalogue.

FLORAL SELECTION GUIDE FOR BOUQUETS				
Class/Variety	Focal	Filler	Line	Volume
CELOSIA				
Sunday Gold		X	X	X
F1 DIANTHUS				
Sweet Deep Pink		X		X
MATTHIOLA				
Aida Series			X	X
Mathilda Series			X	X
SNAPDRAGON				
Cool Orange			X	

See the full chart of all PanAmerican Seed cut flowers on page 211 of the 2016 Catalogue.



THE POWER OF CONFIDENCE IN CUTS

Commercial cut flower growers around the globe count on the outstanding, high-quality value varieties from PanAmerican Seed.

Respected for over 50 years for our innovative breeding and ability to consistently supply professional seed quality, we partner with you to lower your production costs, increase your yield, and successfully grow hundreds of cut flower varieties that ship and store exceptionally... help florists create better arrangements... and ultimately put a smile on the face of the end consumer.



NEW

Cool Orange Snapdragon

F1 SNAPDRAGON ☀

Antirrhinum majus

Cool Series

(Group 1, 2)

Stem length: 39 to 60 in./1 to 1.5 m

Planting density: 6 to 10 plants/ft.² (64 to 106 plants/m²); high-density planting under high-light or field situation

Best for: Greenhouse, high tunnel

Plug crop time: 4 to 5 weeks

Transplant to finish: 8 to 18 weeks

Supplied as raw seed.

- Best, most uniform Winter-flowering snapdragon has genetically matched varieties with uniformity across the series and within each colour for timing, height and spike quality.
- Strong, sturdy stems have long, tight spikes with long tapers.
- Best produced under cool conditions; also the best series for dependable harvest during cool months.

New Orange - a deep, true orange - adds a key floral colour to the series.

10 Cool varieties are available. See page 231 of the 2016 Catalogue for more information.

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handPicked

vegetables

PanAmerican Seed®

F1 GHERKIN/PICKLING CUCUMBER 🌞

Cucumis sativus

New Gherking

Height: 6 to 12 in./15 to 30 cm

Spread: 4 to 6 ft./1.2 to 1.8 m

Days from transplant to ripe fruit: 50 to 55

Fruit size: 3 to 5 in./7 to 13 cm long

Direct sow to finish: 2 to 4 weeks; 6 to 8 weeks in tubs

Supplied as raw seed.

- Early, large yields of bitter-free fruit; won't bitter if left on the vine.
- Excellent disease package: High resistance to Scab and Cucumber Mosaic Virus 1; Intermediate resistance to Powdery Mildew and Downy Mildew.
- Parthenocarpic variety means plants produce fruit without insect pollination - good for urban gardens and high tunnel production.
- Strongly vigorous, gynoecious vining plant.
- Cylindrical, dark green gherkins with white spines are perfect for pickling and fresh eating.
- Produces well in both field and greenhouse/high tunnel; best results when trellised.
- Best in-ground.

F1 SLICING CUCUMBER 🌞

Cucumis sativus

New Martini

Height: 6 to 12 in./15 to 30 cm

Spread: 4 to 6 ft./1.2 to 1.8 m

Days from transplant to ripe fruit: 55 to 60

Fruit size: 5 to 6 in./13 to 15 cm long x 1.5 to 2 in./4 to 5 cm wide

Direct sow to finish: 2 to 3 weeks

Supplied as raw seed.

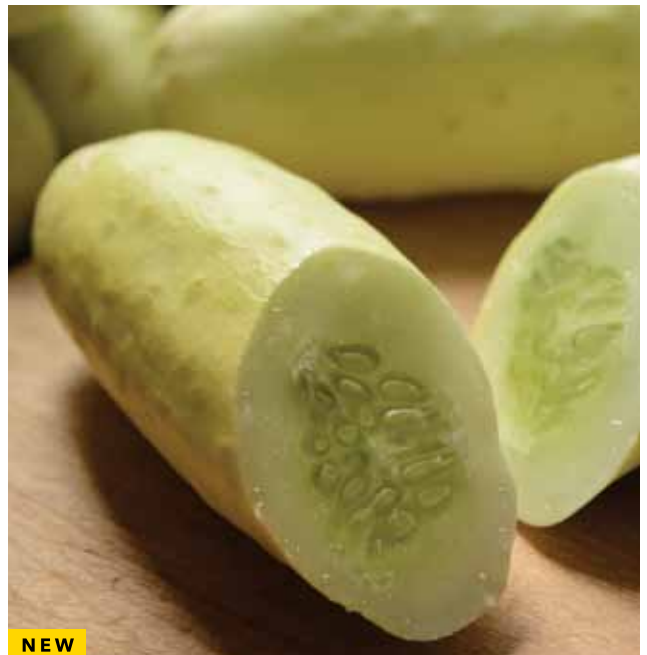
- Stands out from the competition for its non-yellowing white exterior and earlier yields.
- Very tender, "no peel" skin if harvested at 5 to 6 in./13 to 15 cm length; larger fruit will need peeling.
- Powdery mildew resistant.
- Vining, monoecious plants are very high yielding with continuous harvest of high-quality, straight fruit.
- Staying power in the heat of Summer.
- White interior is bitter-free, very sweet and crunchy.
- Best in-ground.

ORNAMENTAL MINT

See page 12.



NEW
Gherking



NEW
Martini



NEW

Stellar

It's all about disease resistance for this superstar!

Stellar gives gardeners who live in areas with high disease pressure a slicing tomato they can count on. This durable newcomer has high resistance to Late Blight, Fusarium Race 2 and Verticillium, as well as Intermediate resistance to Septoria Leaf Spot and Early Blight.



Cheri Filios

Cheri Filios
Product Line Manager -
Vegetables

USE THE POWER OF SUPER-STRONG

Late Blight can quickly and unexpectedly put an end to weeks of hard work by gardeners or fresh market farmers. The key to garden success is to "start smart" with varieties proven to stand tough against this devastating disease. With its resistance to Late Blight, Septoria Leaf Spot and other plant destroyers, all-new Stellar has all the makings to deliver outstanding results!

TOMATO 🌞

Solanum lycopersicum

Plug crop time: 3 to 4 weeks

Plug to finish: 4 to 8 weeks

Supplied as raw seed.

F₁ SLICER TOMATO

New Stellar

Height: 2.5 to 3 ft./75 to 90 cm

Spread: 2 to 3 ft./60 to 90 cm

Days from transplant to ripe

fruit: 70 to 75

Fruit size: 5 to 7 oz./140 to 200 g

Growth: Determinate

- Produces lots of round, red, slicing tomatoes, perfect for all uses.
- Also has intermediate resistance to Early Blight.
- Highest level of disease resistance occurs when planted apart from other tomatoes.
- Best in-ground; benefits from trellis for support.

CURRENT TOMATO

New Candyland Red

Height: 5 to 7 ft./1.5 to 2.1 m

Spread: 3 to 4 ft./90 cm to 1.2 m

Days from transplant to ripe fruit: 55 to 60

Fruit size: 0.5 in./1.25 cm

Growth: Indeterminate

- This 2016 All-America Selections National Winner puts a new spin on currant tomatoes - with its compact, tidy and manageable habit, Candyland Red won't take over like the other sprawling varieties do.
- Gardeners get easy-to-grow, earlier and easy-to-harvest variety compared to other currants.
- Branched trusses are accessible for more usable fruit with less damage while picking.
- Very high yields of tiny, red fruit that deliver bursts of very sweet flavour.
- Entire truss can be harvested with ripe fruit on for a beautiful display of tiny tomatoes.
- Best in-ground.

F1 PASTE TOMATO

New Sunrise Sauce

Height: 2.5 to 3 ft./75 to 90 cm

Spread: 2 to 3 ft./60 to 90 cm

Days from transplant to ripe fruit: 55 to 60

Fruit size: 3 to 4 oz./85 to 110 g

Growth: Determinate

- The only professional non-heirloom orange roma/paste/cooking tomato on the market.
- Yields large amounts at one time to harvest enough to make a batch of sauce or salsa.
- Small plants are ideal for small-space gardens and large containers.
- Easy-to-peel tomatoes are sweet and meaty, with a taste like traditional romas.
- Best flavour comes with cooking; can also be enjoyed fresh.
- Resistant to Fusarium Race 1, Verticillium.
- Good for both home gardeners and fresh market farmers.
- Best in-ground.



NEW

Candyland Red (Fruit shown actual size)



THE POWER OF TOP-NOTCH TOMATOES

The stronger disease resistance package. The better tiny tomato. The colourful standout that takes sauce to a new level. The market is ripe for novel, high-quality veggies and that's just what the HandPicked collection delivers.

Our collection continues to add best-in-class varieties like our super-strong Stellar tomato, thanks to the collaboration of our breeders, product managers, technical experts and production crews. We tackle every challenge 110% to turn out cutting edge, fresh and flavor-filled HandPicked varieties that you can *grow and sell with confidence.*



NEW

Sunrise Sauce

terms & conditions of sale

ACCEPTANCE OF TERMS

These terms and conditions shall govern orders for Goods placed with Seller. Purchaser acknowledges that these terms and conditions and Seller's proposal, if any, constitute the entire agreement between Seller and Purchaser and supersede any prior agreements and representations. Any prior or contemporaneous promises, agreements, negotiations or representations whether oral or written or created the custom, usage or course of dealing are also superseded by these terms and conditions. No modification of these terms and conditions shall be effective unless in writing signed by Seller. Placement of the order shall constitute Purchaser's acceptance of these terms and conditions. All orders are subject to acceptance by Seller at our corporate office. Any different or additional terms in any documents from Purchaser are objected to and rejected, are deemed to materially alter these terms, and will not become part of any contract between Seller and Purchaser.

PRICING

Prices and availability are subject to change without notice. Although Seller tries to assure accuracy, it shall not be held responsible for typographical or other errors in the price list. Purchaser's price is determined by referring to the product price and deducting any discount for which Purchaser may qualify. Please contact your sales representative for more information.

TERMS

All payments must be received before Goods are shipped unless otherwise agreed to in writing by Seller. Payment terms can be seen on your Order Confirmation or at the appropriate Terms & Conditions page at panamseed.com for North American, European and International credit-approved customers. A 1% per month finance charge (12% annual rate) will be added to all past due balances at the end of each month. Seller has no obligation to ship any Goods until payment in full is received.

MINIMUM ORDERS

The minimum quantity listed in the price list for each variety is the minimum order for that variety. Seller reserves the right to fill orders using pre-packaged inventory when available.

FREIGHT & HANDLING CHARGES, INSPECTION, DAMAGED GOODS

(a) The freight and handling charge on Purchaser's invoice covers shipment of the Goods to Purchaser's destination. Seller will pay to return damaged goods, for replacement Goods or provide Purchaser with a credit for damaged Goods if the steps listed in Section (b) below are followed. PURCHASER WILL NOT REFUSE TO RETURN DAMAGED OR DEFECTIVE GOODS, OR THE RIGHT TO FILE A CLAIM IS LOST AND PURCHASER WILL STILL BE LIABLE FOR THE MATERIAL AND THE FREIGHT.

(b) When Purchaser receives shipment, it shall immediately: 1) count all cartons; 2) inspect all cartons for external damage; 3) check for open or resealed cartons; 4) note any damages, shortages, open or resealed cartons on the delivery receipt; the carrier's representative must also sign the receipt; and 5) open all boxes immediately and inspect for damage, including, but not limited to, material shortages. PURCHASER

MUST NOTIFY SELLER WITHIN TWO (2) BUSINESS DAYS IF A SHIPMENT IS DAMAGED by calling its Customer Service Representative to report the damage and receive details on what is needed to file a claim. The Goods shall be deemed accepted by the Purchaser on the earlier of (a) notice of acceptance to Seller, or (b) ten (10) days after delivery. Any claims for shortage, non-delivery, damage or defect which would reasonably be discoverable in the course of such inspection shall be waived unless Purchaser notifies Seller in writing within ten (10) days after delivery of the goods to which the claim relates.

PACKAGING FEES

All orders will be filled in bulk and/or predetermined packet sizes unless special packaging instructions are given. If special packaging is requested, a packaging fee will apply and additional time may be required to complete the order. Purchaser shall contact Customer Service if it requires additional details.

CUSTOM SEED TREATMENTS

If a custom treatment is requested, a \$25 (U.S. Dollars) fee per batch will apply and additional time may be needed to complete the order.

PHYTOSANITARY CERTIFICATES CHARGE

Depending on the Goods ordered by Purchaser, and the location of the Purchaser, Phytosanitary Certificates may be required to comply with government regulations. If the shipment requires Phytosanitary Certificates, an additional cost will be charged.

DELIVERY DATES

Please indicate the required ship date when the order is being placed. No orders can be accepted without a requested ship date. All shipping and delivery dates provided by the Seller are approximate.

DELAYS, SHORTAGES & SUBSTITUTIONS

Seller shall not be responsible for delays in delivery or for losses resulting from such delays. Seller reserves the right to make partial shipment. Seller will not be liable for any delay in performing or for partial or complete failure to perform hereunder if such delay or failure is due to fire, explosion, flood, Act of God, force majeure, accident, war, intervention of governmental authorities, strikes, labor disputes, material shortages, transportation delays, any act or omission of Purchaser, its agents or employees or any party retained by, through or under the control of Purchaser, or any other cause similar or dissimilar which is beyond Seller's reasonable control.

INSURANCE

Seller does not insure shipments via Air Mail, but insures all other shipments in transit, in commercially reasonable amounts.

SHIPPING

Any shipment outside of North America will be charged normal carrier rates.

RETURNS

No Goods may be returned without first obtaining written authorization. Authorized returns will only be considered if they are in original, unopened Seller packages. All returns are subject to a 15% service charge.

No credit or replacement will be given for Goods returned after nine (9) months from the ship date.

Upon receiving authorization, returns can be shipped to:

West Chicago

PanAmerican Seed
Attn: Returns
622 Town Road
West Chicago, Illinois USA 60185-2698

Santa Paula

PanAmerican Seed
Attn: Returns
335 South Briggs Road
Santa Paula, California USA 93060-9703

Purchaser should consult with its Customer Service Representative to determine authorization and the correct return address.

SEED COUNT

All seed counts given are approximate quantities due to variation based on a lot by lot comparison. Seed counts may also vary widely between colors and series.

NOTICE REGARDING SEED-BORNE DISEASES

Seller makes no representation regarding the freedom from seed-borne diseases of the seed sold and disclaims any liability relating to such diseases, whether previously known to exist or not identified until such seed is grown.

RESERVATION OF OWNERSHIP

In the event of bankruptcy, products delivered by the Seller remain the property of Seller until the Purchaser has paid the purchase price amount. This reservation of ownership is also extended to claims that Seller may obtain towards Purchaser on account of the Purchaser's failure to meet their obligations to Sale.

LIMITATION OF WARRANTY

Seller warrants, to the extent required by law, that Goods conform to the description appearing in Seller's catalog and on container labels, within recognized tolerances. THE FOREGOING WARRANTIES ARE IN LIEU OF AND EXCLUDE ALL OTHER WARRANTIES NOT EXPRESSLY SET FORTH HEREIN, WHETHER EXPRESSED OR IMPLIED BY OPERATION OF LAW OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT.

LIMITATION OF REMEDY

PURCHASER'S SOLE AND EXCLUSIVE REMEDY SHALL BE REFUND OF THE PURCHASE PRICE. SELLER'S LIABILITY, WHETHER FOR BREACH OF CONTRACT, BREACH OF WARRANTY, NEGLIGENCE, PRODUCTS LIABILITY OR ANY OTHER THEORY OF LIABILITY, IS LIMITED TO THE AMOUNT OF THE PURCHASE PRICE. PURCHASER AGREES THAT IN NO EVENT, REGARDLESS OF THE FORM OF LEGAL ACTION OR THE THEORY OF RECOVERY, WILL SELLER BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL, INDIRECT OR PUNITIVE DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS OR REVENUES.

MANDATORY ARBITRATION

ANY CLAIM WHICH PURCHASER MAY HAVE AGAINST SELLER ARISING OUT OF OR RELATING TO THE SALE OF THE GOODS HEREUNDER MUST BE BROUGHT, IF AT ALL, WITHIN TWELVE (12) MONTHS OF THE DELIVERY OF THE GOODS WHICH ARE THE SUBJECT OF THE CLAIM AND SHALL

BE SETTLED BY BINDING ARBITRATION IN ACCORDANCE WITH THE COMMERCIAL ARBITRATION RULES OF THE AMERICAN ARBITRATION ASSOCIATION, SAID ARBITRATION TO BE VENUED IN COOK OR DUPAGE COUNTIES, ILLINOIS.

GOVERNING LAW, JURISDICTION & VENUE

The laws of the State of Illinois, including but not limited to the Uniform Commercial Code as adopted therein, shall govern all matters arising out of or relating to Seller's sale of merchandise. ANY DISPUTE NOT SUBJECT TO ARBITRATION AND ANY ACTION TO ENFORCE AN ARBITRATION AWARD ARISING OUT OF OR RELATING TO THE SALE OF MERCHANDISE HEREUNDER SHALL BE MAINTAINED IN THE STATE OR FEDERAL COURTS LOCATED IN DUPAGE OR COOK COUNTIES, ILLINOIS, AND PURCHASER SUBMITS TO THE JURISDICTION OF AND VENUE IN SAID COURTS.

INDEMNITY

By accepting the Goods, Purchaser agrees to indemnify, defend and hold harmless Seller, its affiliates, successors and assigns from and against any claim or liabilities, claims, demands, damages, losses and expense (including attorney's fees) asserted by any or all transferees of such Goods or users of the products of such Goods (i) arising from any act or omission of Customer or its employees or agents, or (ii) who were 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 and Conditions of Sale.

TRADEMARKS

Trademarks are and shall remain the property of Ball Horticultural Company, unless otherwise indicated. Nothing herein shall grant Purchaser a license to use any such trademark.

SALE LIMITATIONS

PANAMERICAN SEED PRODUCTS ARE NOT AVAILABLE FOR SALE IN AND MAY NOT BE RESOLD INTO AUSTRALIA, NEW ZEALAND, KOREA, BRAZIL AND SOUTH AFRICA. THE COMPANY'S PRODUCTS MAY NOT BE SOLD, DIVERTED, TRANSFERRED OR RE-EXPORTED, DIRECTLY OR INDIRECTLY, TO ANY INDIVIDUAL, ENTITY, OR DESTINATION THAT IS SUBJECT TO UNITED STATES OR UNITED NATIONS SANCTIONS PROGRAMS OR EMBARGOES (INCLUDING, BUT NOT LIMITED TO, OFAC SANCTIONS PROGRAMS AND THOSE LISTED ON OFAC'S "SPECIALLY DESIGNATED NATIONALS" LIST) WITHOUT AN APPROPRIATE EXPORT LICENSE.

IMAGES

High and low-resolution digital images are available upon request. Please contact photolibary@ballhort.com or Fax: +1 (0) 630 562-7887. Copyright images from Ball Horticultural Company may be reproduced only in connection with the marketing of Ball Horticultural Company products. The correct marketing name as listed on images provided must be used in connection with any reproductions. Images may not be licensed or resold. Any unauthorized use is prohibited.

Visit panamseed.com for current Terms & Conditions of Sale.

protection information

U.S. UTILITY PATENTS

US 7,915,504

Alyssum Clear Crystal® Lavender Shades
Alyssum Clear Crystal® Mixture
Alyssum Clear Crystal® Purple Shades
Alyssum Clear Crystal® White

US 7,982,110

Echinacea 'Cheyenne Spirit'
Echinacea PowWow® Wild Berry

US 7,642,436

Fuseables® Petunia Berry Bold
Fuseables® Petunia Blueberry Lime Jam
Fuseables® Petunia Lime Coral
Petunia Debonair Black Cherry
Petunia Debonair Dusty Rose
Petunia Debonair Lime Green
Petunia Sophistica® Antique Shades
Petunia Easy Wave® Berry Velour
Petunia Easy Wave® Burgundy Velour
Petunia Easy Wave® Red Velour
Petunia Sophistica® Blackberry
Petunia Sophistica® Lime Bicolor
Petunia Sophistica® Lime Green
Petunia Sophistica® Twilight
Petunia Tidal Wave® Red Velour

US 5,986,188

Impatiens Super Eflin® Red Starburst XP
Impatiens Super Eflin® Violet Starburst XP

US 7,087,819 AND US 7,393,995

Pepper, Ornamental Chilly Chili
Pepper, Ornamental Medusa

US 7,393,995 AND US 7,696,416

Pepper, Ornamental Sangria

PATENTS APPLIED FOR

US

Calibrachoa Kabloom® Deep Blue
Calibrachoa Kabloom® White
Calibrachoa Kabloom® Yellow
French Marigold Hot Pak Flame
French Marigold Hot Pak Gold
French Marigold Hot Pak Harmony
French Marigold Hot Pak Orange
French Marigold Hot Pak Spry
French Marigold Hot Pak Yellow
French Marigold Fireball
French Marigold Strawberry Blonde
Pentas Glitterati Purple Star
Pepper, Ornamental Hot Pops Purple
Vinca Titan® Really Red
Vinca Valiant Apricot
Vinca Valiant Burgundy
Vinca Valiant Lilac
Vinca Valiant Orchid
Vinca Valiant Punch
Vinca Valiant Pure White

PATENTS APPLIED FOR

EUROPE

Fuseables® Petunia Berry Bold
Fuseables® Petunia Blueberry Lime Jam
Fuseables® Petunia Lime Coral
Petunia Debonair Black Cherry
Petunia Debonair Dusty Rose
Petunia Debonair Lime Green
Petunia Sophistica® Antique Shades
Petunia Easy Wave® Berry Velour
Petunia Easy Wave® Burgundy Velour
Petunia Easy Wave® Red Velour
Petunia Sophistica® Blackberry
Petunia Sophistica® Lime Bicolor
Petunia Sophistica® Lime Green
Petunia Sophistica® Twilight
Petunia Tidal Wave® Red Velour

INTERNATIONAL (PCT)

French Marigold Fireball
French Marigold Strawberry Blonde
Vinca Titan® Really Red

U.S. PLANT VARIETY PROTECTIONS

Basil Sweet Dani Lemon - 9500027
Celosia Kosmo Vanilla - 200400021
Celosia Kosmo Pink - 200400022
Coleus Kong® Red* - 200500015
Coleus Kong® Rose* - 200500017
Coleus Kong® Salmon Pink - 200900035
Erysimum Citrona® Orange - 200600167
Erysimum Citrona® Yellow - 200600168
Helenium Dakota Gold - 200600009
Lobelia Regatta Lilac Splash - 200600188
Lobelia Riviera Blue Splash - 9400206
Lobelia Riviera Lilac - 9300313
Matthiola Katz Ruby - 201200438
Myosotis Mon Amie Blue - 200800070
Pepper, Ornamental Black Pearl - 200500020
Pepper, Ornamental Medusa - 200000140
Vinca Jams 'N Jellies Blackberry - 201100526
Vinca Mediterranean Dark Red XP - 200900043
Vinca Mediterranean Hot Rose XP - 200900084
Vinca Mediterranean Peach XP - 200900080
Vinca Mediterranean Red XP - 200900081
Vinca Mediterranean Rose XP - 200900082
Vinca Mediterranean Strawberry XP - 200900083
Vinca Mediterranean White XP - 200900053
Vinca Mediterranean Lilac - 9800182
Vinca Pacifica Apricot XP - 9800181
Vinca Pacifica Burgundy Halo XP - 200700272
Vinca Pacifica Dark Red XP - 200600189
Vinca Pacifica Magenta Halo XP - 200500216
Vinca Pacifica Punch XP - 9400248
Vinca Pacifica Really Red XP - 200600190
Vinca Pacifica Rose Halo XP - 200500218
Zinnia Zahara® Coral Rose - 200700357
Zinnia Zahara® Fire - 201000090
Zinnia Zahara® White - 201400297
Zinnia Zahara® XL Pink - 201200482
Zinnia Zahara® XL White - 201200485
Zinnia Zahara® XL Yellow - 201200483
* Bred By Sakata Seed Corporation

U.S. PLANT VARIETY PROTECTIONS APPLIED FOR

Coreopsis SunKiss
Zinnia Zahara® Cherry
Zinnia Zahara® Raspberry
Zinnia Zahara® Red
Zinnia Zahara® Yellow
Zinnia Double Zahara Cherry
Zinnia Double Zahara Salmon Rose
Zinnia Double Zahara Yellow

EUROPEAN COMMUNITY PLANT VARIETY RIGHTS

Begonia Dragon Wing® Pink - EU 10351
Celosia Bombay Bordeaux - EU 28163
Celosia Bombay Fivio - EU 28164
Celosia Bombay Green - EU 37645
Celosia Spring Green - EU 18737
Celosia Sunday Red - EU 28165
Echinacea PowWow® Wild Berry - EU 35233
Heuchera Melting Fire - EU 20557
Lavandula Ellagance Purple - EU 40059
Lavandula Lavance Purple - EU 17706

EUROPEAN COMMUNITY PLANT VARIETY RIGHTS APPLIED FOR

Coreopsis SunKiss
Lavandula Lavance Deep Purple

sales & customer service team

THE AMERICAS

622 Town Road
West Chicago, Illinois
60185-2698 USA

630 231-1400
800 231-7065
Customer Service Fax:
630 293-2557
Administrative & Marketing Fax:
630 562-7800

Mark Short

GLOBAL SALES DIRECTOR

Office: 630 588-3292
Fax: 630 562-7785
markshort@panamseed.com

Mark Gross

SALES

Office: 630 588-3250
Mobile: 630 234-4576
Fax: 630 231-3609
mgross@panamseed.com

Camila Valle

SALES

Mobile: 858 342-9955
Fax: 630 562-7933
cvalle@ballhort.com

Josh Kirschenbaum

VEGETABLE SALES

Office: 630 588-3429
Mobile: 541 914-5548
Fax: 630 293-2557
jkirschenbaum@panamseed.com

Jenny Hartman

CUSTOMER SERVICE

Office: 630 588-3176
Fax: 630 293-2557
jhartman@panamseed.com

Keith Guimon

CUSTOMER SERVICE

Office: 630 588-3327
Fax: 630 293-2557
kguimon@panamseed.com

Adriana Antonio

CUSTOMER SERVICE

Office: 630 588-3134
Fax: 630 293-2557
aantonio@panamseed.com

Ariadna Galvan

CUSTOMER SERVICE

Office: 630 588-3271
Fax: 630 293-2557
agalvan@panamseed.com

Kathy Rigdon

CUSTOMER SERVICE

Office: 630 588-3418
Fax: 630 293-2557
krigdon@panamseed.com

Doug Blocker

ACCOUNTS RECEIVABLE

Office: 630 588-3247
Fax: 630 562-7652
dblocker@ballhort.com

EUROPE

P.O. Box 63
1606 ZH Venhuizen
The Netherlands
+31 (0) 228-541-844
Fax: +31 (0) 228-543-440

Jean-François Ignasse

SALES

Office: +31 (0) 228-541-844
Mobile: +31 (0) 653-155-738
Fax: +31 (0) 228-543-440
jf.ignasse@panamseed.com

Anton de Wit

SALES

Office : +31 (0) 228-321-916
Mobile: +31 (0) 651-423-065
Fax: +31 (0) 847-367-921
awit@panamseed.com

Ron Zandstra

SALES

Office: +31 (0) 228-545-096
Mobile: +31 (0) 620-011-412
Fax: +31 (0) 228-543-440
rzandstra@panamseed.com

Sjaak Ros

SALES

Office: +31 (0) 228-545-090
Mobile: +31 (0) 651-255-092
Fax: +31 (0) 228-543-440
sros@panamseed.com

Willa Jing You

SALES

Office: +31 (0) 228-541-844
Mobile: +31 (0) 622-657-979
Fax: +31 (0) 228-543-440
jyou@panamseed.com

Cor Vriend

CUSTOMER SERVICE

Office: +31 (0) 228-545-095
Fax: +31 (0) 228-543-440
cvriend@panamseed.com

Paula Vis

CUSTOMER SERVICE

Office: +31 (0) 228-545-094
Fax: +31 (0) 228-543-440
pvis@panamseed.com

Willem Swier

CUSTOMER SERVICE

Office: +31 (0) 228-545-092
Fax: +31 (0) 228-543-440
wswier@panamseed.com

ASIA

Mark Short

SALES

Office: 630 588-3292
Fax: 630 562-7785
markshort@panamseed.com

Dr. Shiyong Wang

SALES

Phone (USA): +1 630 677-2281
Phone (China): +86 1380 408 9658
sywang@ballhort.com

Tracy Chang

SALES

Phone (China): +86 1599 559 9280
tchang@ballhort.com

Kevin Sun

CUSTOMER SERVICE

Office (USA): +1 630 588-2187
Fax: +1 630 293-2557
ksun@panamseed.com

18 Month Planner

January 2016

Wk	S	M	T	W	T	F	S
53						1	2
1	3	4	5	6	7	8	9
2	10	11	12	13	14	15	16
3	17	18	19	20	21	22	23
4/5	24	31	25	26	27	28	29

February 2016

S	M	T	W	T	F	S
5	1	2	3	4	5	6
6	7	8	9	10	11	12
7	14	15	16	17	18	19
8	21	22	23	24	25	26
9	28	29				

March 2016

S	M	T	W	T	F	S
9			1	2	3	4
10	6	7	8	9	10	11
11	13	14	15	16	17	18
12	20	21	22	23	24	25
13	27	28	29	30	31	

April 2016

S	M	T	W	T	F	S
13					1	2
14	3	4	5	6	7	8
15	10	11	12	13	14	15
16	17	18	19	20	21	22
17	24	25	26	27	28	29

May 2016

S	M	T	W	T	F	S
18	1	2	3	4	5	6
19	8	9	10	11	12	13
20	15	16	17	18	19	20
21	22	23	24	25	26	27
22	29	30	31			

June 2016

S	M	T	W	T	F	S
22			1	2	3	4
23	5	6	7	8	9	10
24	12	13	14	15	16	17
25	19	20	21	22	23	24
26	26	27	28	29	30	

July 2016

Wk	S	M	T	W	T	F	S
26						1	2
27	3	4	5	6	7	8	9
28	10	11	12	13	14	15	16
29	17	18	19	20	21	22	23
30/31	24	31	25	26	27	28	29

August 2016

S	M	T	W	T	F	S
31	1	2	3	4	5	6
32	7	8	9	10	11	12
33	14	15	16	17	18	19
34	21	22	23	24	25	26
35	28	29	30	31		

September 2016

S	M	T	W	T	F	S
35				1	2	3
36	4	5	6	7	8	9
37	11	12	13	14	15	16
38	18	19	20	21	22	23
39	25	26	27	28	29	30

October 2016

S	M	T	W	T	F	S
39						1
40	2	3	4	5	6	7
41	9	10	11	12	13	14
42	16	17	18	19	20	21
43/44	23	30	24	31	25	26

November 2016

S	M	T	W	T	F	S
44			1	2	3	4
45	6	7	8	9	10	11
46	13	14	15	16	17	18
47	20	21	22	23	24	25
48	27	28	29	30		

December 2016

S	M	T	W	T	F	S
48				1	2	3
49	4	5	6	7	8	9
50	11	12	13	14	15	16
51	18	19	20	21	22	23
52	25	26	27	28	29	30

January 2017

Wk	S	M	T	W	T	F	S
1	1	2	3	4	5	6	7
2	8	9	10	11	12	13	14
3	15	16	17	18	19	20	21
4	22	23	24	25	26	27	28
5	29	30	31				

February 2017

S	M	T	W	T	F	S
5			1	2	3	4
6	5	6	7	8	9	10
7	12	13	14	15	16	17
8	19	20	21	22	23	24
9	26	27	28			

March 2017

S	M	T	W	T	F	S
9			1	2	3	4
10	5	6	7	8	9	10
11	12	13	14	15	16	17
12	19	20	21	22	23	24
13	26	27	28	29	30	31

April 2017

S	M	T	W	T	F	S
13						1
14	2	3	4	5	6	7
15	9	10	11	12	13	14
16	16	17	18	19	20	21
17/18	23	30	24	25	26	27

May 2017

S	M	T	W	T	F	S
18			1	2	3	4
19	7	8	9	10	11	12
20	14	15	16	17	18	19
21	21	22	23	24	25	26
22	28	29	30	31		

June 2017

S	M	T	W	T	F	S
22				1	2	3
23	4	5	6	7	8	9
24	11	12	13	14	15	16
25	18	19	20	21	22	23
26	25	26	27	28	29	30

Special Dates

	2016	2017
New Year's Day	Jan. 1	Jan. 1
FL/IPM (Essen, Germany)	Jan. 26-29	Jan. 24-27
ASTA (Anaheim, CA)	Jan. 30-Feb. 2	TBA
Valentine's Day	Feb. 14	Feb. 14
Presidents' Day	Feb. 15	Feb. 20
Salon du Végétal (Angers, France)	Feb. 16-18	TBA
St. Patrick's Day	Mar. 17	Mar. 17
Palm Sunday	Mar. 20	Apr. 9
Easter	Mar. 27	Apr. 16
Spring Trials (California, USA)	Apr. 9-14	Apr. 1-6
Passover	Apr. 22* - 30	Apr. 10* - 18
Natl. Hardware Show (Las Vegas, NV)	May 4-6	TBA
Mother's Day	May 8	May 14

*Begins at sundown

Special Dates

	2016	2017
Armed Forces Day	May 21	May 20
Victoria Day (Canada)	May 23	May 22
Memorial Day (Observed)	May 30	May 29
Flower Trials (Netherlands)	June 14-17	TBA
Father's Day	June 19	June 18
St.-Jean (Québec)	June 24	June 24
Canada Day	July 1	July 1
Independence Day	July 4	July 4
Cultivate (Columbus, OH)	July 9-12	July 15-18
Civic Holiday (Canada)	Aug. 1	Aug. 7
Labor Day	Sept. 5	Sept. 4
Rosh Hashanah	Oct. 2* - 4	Sept. 20* - 22
Thanksgiving (Canada)	Oct. 10	Oct. 9
Yom Kippur	Oct. 11* - 12	Sept. 29* - 30

Special Dates

	2016	2017
Halloween	Oct. 31	Oct. 31
Veterans/Remembrance Day	Nov. 11	Nov. 11
Thanksgiving (U.S.)	Nov. 24	Nov. 23
Hanukkah	Dec. 24* - Jan. 1	Dec. 12* - 20
Christmas	Dec. 25	Dec. 25

Request your Product Information Guide for full culture details





MOVING YOU FROM SEED TO SUCCESS

SEED ON THE SHELF
The industry's best product
availability

PEACE OF MIND
The most reliable product quality

RELIABILITY Speedy shipping
straight to your door

PARTNERSHIP Friendly,
on-the-spot customer service

SUPPORT Cutting edge
technical advice

panamseed.com makes it easier for you to grow

Contact your preferred supplier to order PanAmerican Seed and Kieft Seed products.

622 Town Road
West Chicago, Illinois
60185-2698 USA
630 231-1400
800 231-7065
Fax: 630 293-2557

P.O. Box 63
1606 ZH Venhuizen
The Netherlands
+31 (0) 228-541-844
Fax: +31 (0) 228-543-440