2021 NEW VARIETIES

New Variety Introductions for FY21

Annuals

African Marigold Marvel II ™

- Gold
- Orange
- Yellow
- Mix

Angelonia Serena®

- Blue Improved
- Purple Improved

Angelonia Serenita®

Lavender

Celosia First Flame™

Yellow Improved

Celosia Foliage Sol™

- Gekko Green
- Lizzard Leaf

Annuals

Dianthus Corona[™]

Salmon Red Eye

Impatiens Beacon®

- Bright Red
- Coral
- Orange
- Salmon
- Violet Shades
- White
- Select Mixture
- Red White Mixture

Pentas Glitterati™

Red Star

Petunia Easy Wave

• Rose Fusion

Annuals

Petunia Wave®

Carmine Velour

Petunia Shock Wave®

• Purple Tie-Dye

Salvia Lancelot

Vinca Tattoo™

- Blueberry
- American Pie Mixture

Vinca Valiant™

- Apricot Improved
- Magenta

Zinnia Double Zahara™

Yellow Improved

Cool Season

Trailing Pansy Cool Wave®

Red Wing Improved

Viola Quicktime™

- Beaconsfield
- Blue
- Yellow Blotch

New Variety Introductions for FY21

Perennials

Aquilegia Earlybird™

- Blue White
- Purple Blue
- Purple White
- Purple Yellow
- Red White
- Red Yellow
- White
- Yellow
- Mixture

Arabis Barranca™

- Deep Rose
- Pink

Aurinia saxatilis

Gold Rush

Perennials

Lobelia speciosa Starship™

- Blue
- Burgundy
- Scarlet Bronze Leaf

Cut Flowers

Anemone Mona Lisa®

Orchid Shades Improved

Grass Panicum Capillare

• Frosted Explosion

Lisianthus Can Can

• Purple

Lisianthus Flare

- Jade
- Yellow Improved

Snapdragon Maryland

Rose

Cut Flowers

Snapdragon Potomac[™]

- Pink Improved
- Red Improved

New Variety Introductions for FY21

Potted Plants

Celosia Kosmo

- Orange
- Mixture Improved

Kitchen Minis® Tomato

• Siam

Gerbera Colorbloom™

- Red Dark Eye
- White Dark Eye
- Mixture Improved

Gerbera Mega Revolution™

- Scarlet Red Light Eye Improved
- Mixture improved

Gerbera Revolution™

• Deep Orange with Dark Eye

Herbs and Vegetables

Eggplant Asian Delite

Pepper Peppi

- Red
- Yellow

Pepper PeppiGrande

• Red

Simply Salad[®] Pro

- San
- Tatu

Squash

Autumn Frost

Cultural Information

- Cultural information of the plants can be found in the notes of the slides of each product.
- Cultural information of the plants can also be download at <u>www.panamseed.com/culture</u>.

ANNUALS



NEW African Marigold F1 Marvel II™ Series

• This new intermediate-type African marigold offers improved branching, earliness, flower size and a brighter flower colour.

• Series is uniform under both short and long days.

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Height: 41 to 46 cm/ 16 to 18 in. Spread: 25 to 30 cm/ 10 to 12 in. Plug crop time: 3 weeks Transplant to finish: 6 to 7 weeks Seed supplied as: Coated, De-tailed with 85% Min. Germ. Standard

NEW African Marigold F1 Marvel II[™] Series



NEW Gold

NEW Orange



NEW Yellow

Also available in NEW Mixture including all three colours: NEW Gold, NEW Orange and NEW Yellow

Angelonia F1 Serena[®] Series



Angelonia F1 Serena[®] Series

- Serena fills gardens, landscapes and mixed containers with unique dimensional colour.
- Care-free, continuous bloomer performs well under a wide range of conditions.
- Durable series is a perfect choice for consumers looking for water-wise, heat-loving plants.
- Plants grow up to 50% larger in southern climates.

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Height: 41 to 51 cm/16 to 20 in. Spread: 30 to 36 cm/12 to 14 in. Plug crop time: 5 to 6 weeks Transplant to finish: 8 to 9 weeks Seed supplied as: Pelleted

Angelonia F1 Serena[®] Series



NEW Blue Improved:

- This light blue flower with a white throat is a lighter blue colour than original Blue, and is closer to a true blue.
- It is one week earlier to flower, and it offers more uniformity and improved production.

NEW Purple Improved:

- Features a deeper, more intense purple colour than original Purple.
- Earlier flowering and improved production.

Angelonia F1 Serena[®] Series



NEW Blue Improved



White



NEW Purple Improved



Mixture



Rose



Waterfall Mixture



Angelonia F1 Serenita[®] Series

 Serenita has all the good looks, durability and easy production of Serena – with a few additional benefits.

- Excellent solution where shorter and more manageable material is needed.
- Peak performer in climate with very hot/humid night temperatures.
- Great for high-density production.
- Grow Serenita with less to no PGRs for cost savings.

Height: 30 to 36 cm/12 to 14 in. Spread: 30 to 36 cm/12 to 14 in. Plug crop time: 5 to 6 weeks Transplant to finish: 8 to 9 weeks Seed supplied as: Pelleted

Angelonia F1 Serenita[®] Series



NEW Lavender



Lavender Pink



Pink



Purple



Raspberry







Rose

Sky Blue

White

Mixture

NEW Lavender: This new colour in the Serenita series offers true lavender flower colour. It is one week earlier to flower compared to Lavender Pink, with fast secondary flowering and good fill.



Celosia First Flame™ Series

• Excellent, brightly coloured summer crop finishes 10 to 14 days earlier than competing varieties to reduce production costs.

• Uniform across all colours for a fuller look in containers.

• Makes a great border plant, also good in containers.

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Height: 25 to 36 cm/10 to 14 in. Spread: 25 to 41 cm/10 to 16 in. Plug crop time: 3 to 4 weeks Transplant to finish: 8 to 10 weeks Seed supplied as: Raw, Pelleted with 80% Min. Germ. Standard

Celosia First Flame™ Series



Purple



NEW Yellow Improved



Red



Mixture



Scarlet

NEW Yellow Improved: Fits the series better for timing and improved in leaf quality.



NEW Foliage Celosia Sol[™] Collection

- An attractive new foliage celosia collection for the market!
- Two distinct bicolour foliage patterns are featured in the collection.
- Offers relatively fast production time and no downy mildew issues.

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Height: 25 to 36 cm/10 to 14 in. Spread: 25 to 41 cm/10 to 16 in. Plug crop time: 3 to 4 weeks Transplant to finish: Spring, 7 to 10 weeks

Seed supplied as: Pelleted with 80% Min. Germ. Standard

NEW Foliage Celosia Sol[™] Collection



NEW Gekko Green: Foliage tends to be more green when kept indoors, and it turns to burgundy when the plant is left outdoors for at least 1 to 2 weeks.

NEW Lizzard Leaf: Foliage tends to be more green when kept indoors, and it turns to burgundy-red when the plant is left outdoors for at least 1 to 2 weeks. Leaves tend to curl due to genetics and could be modified by the climate conditions found in different locations in different degrees, in both indoor and outdoor environments.

NEW Gekko Green

NEW Lizzard Leaf

NEW Foliage Celosia Sol[™] Collection





Gekko Green

Outside

Lizzard Leaf

Outside **ANNUALS**

Dianthus F1 Corona™ series



Dianthus F1 Corona™ Series

• Corona blooms larger than the competition, plus it offers uniform flowering time and habit.

- Produces multiple flowers on a compact, mounded plant.
- Gives its best performance in cool weather, making it great planted along with other coolseason annuals such as pansies.

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Height: 20 to 25 cm/8 to 10 in. Spread: 20 to 25 cm/8 to 10 in. Plug crop time: 4 to 6 weeks Transplant to finish: 6 to 8 weeks Seed supplied as: Pelleted with 90% Min. Germ. Standard

Dianthus F1 Corona[™] Series



Cherry Red



Strawberry



Rose



White



NEW Salmon Red Eye



Mixture

NEW Impatiens F1 Beacon[®] Series



NEW Impatiens F1 Beacon[®] Series

- High resistance to Impatiens downy mildew (IDM).
- Proven by extensive trialing without the use of chemicals, and they can be grown like you used to grow impatiens without fungicides or any special care regimen.
- Similar to Super Elfin with a plant structure, flowering time, flower size and crop culture.
- Easy to incorporate into production planning.

Height: 38 to 51 cm/15 to 20 in. Spread: 30 to 36 cm/12 to 14 in. Plug crop time: 4 to 5 weeks Transplant to finish: 3 to 4 weeks Seed supplied as: Raw

NEW Impatiens F1 Beacon[®] Series



NEW Bright Red



NEW Coral



NEW Orange



NEW Violet Shades



NEW Salmon



NEW White



NEW Red White Mixture



NEW Select Mixture

NEW Impatiens F1 Beacon[®] Series

- 1. NEW Bright Red A warm-toned red on upright mounded, moderately vigorous plants with mid-green foliage. Plant vigour is slightly larger than Super Elfin XP Red, and the flower size is slightly smaller.
- 2. NEW Coral Coral-pink flowers on mid-vigour, mounded plants with bright green foliage.
- **3.** NEW Orange A bright, clean orange on moderate-vigour, upright mounded plants with bright green foliage. Plant height, vigour and flower size are similar to Super Elfin Bright Orange.
- **4. NEW Salmon** A warm salmon-orange flower on mid-vigour, mounded plants with bright green foliage.
- 5. NEW Violet Shades Shades of bright violet and burgundy-violet on moderate-vigour, upright mounded plants with mid-green foliage. More vigorous with the same flower size as Super Elfin XP Violet.
- **6. NEW White** Pure white flowers on moderately vigorous, upright mounded plants with midgreen foliage. Features more plant vigour with the same flower size as Super Elfin XP White.
- 7. NEW Red White Mixture Bright Red, White.
- 8. NEW Select Mixture Bright Red, Coral, Orange, Salmon, Violet Shades, White.



Pentas F1 Glitterati™ Series

- Distinctive star pattern combines easily with other varieties
- Finishes fast for speed to market, and followup blooming keeps the plants in full colour and looking good all season.
- 1 week earlier than Purple Star

NEW Red Star: Unique combination of red and white

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Height: 12 to 22 in./30 to 56 cm Spread: 10 to 18 in./25 to 46 cm Plug crop time: 6 to 7 weeks Transplant to finish: 8 to 10 weeks Seed supplied as: Pelleted with 85% Min. Germ. Standard

Pentas F1 Glitterati™ Series





NEW Red Star



Spreading Petunia F1 Easy Wave[®] Series

NEW Rose Fusion:

- Mid-rose blooms with deep rose veins.
- Short-day flowering requirement of 9 hours.
- Creates early-season sales opportunities.

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Height: 15 to 30 cm/ 6 to 12 in. **Spread:** 76 to 99 cm/30 to 39 in. **Plug crop time:** 4 to 6 weeks Transplant to finish: Spring 6 to 7 weeks, Summer 4 to 5 weeks Seed supplied as: Pelleted with 85% Min. Germ. Standard

Spreading Petunia F1 Easy Wave[®] Series





Berry Velour



Pink



Violet



Pink Passion

White

Blue



Yellow

Plum Vein

Burgundy

Star

Rosy Dawn



Burgundy

Velour

Red



Red Velour

Silver



Neon Rose



NEW Rose Fusion









Spreading Petunia F1 Easy Wave[®] Series



Beachcomber Mixture



Formula Mixture



Great Lakes Mixture



Opposites Attract Mixture



Plum Pudding Mixture



South Beach Mixture



Starfish Mixture



The Flag Mixture



Spreading Petunia F1 Wave[®] Series

• Virtually care-free, the plants bloom like crazy all season, with masses of flowers along the entire length of each branch with no trimming back.

• Wave petunias stand up well to both heat and cooler conditions, and perform better than most petunias when Botrytis is present.

• Recommended in Wave branded packaging: 15-cm/6-in. pots, large containers, hanging baskets.

Height: 13 to 18 cm/5 to 7 in. Spread: 91 to 122 cm/36 to 48 in. Plug crop time: 4 to 6 weeks Transplant to finish: Spring 7 to 9 weeks, Summer 5 to 7 weeks Seed supplied as: Pelleted



Spreading Petunia F1 Wave[®] Series



NEW Carmine Velour



Pink



Lavender





Misty Lilac



Purple Classic

NEW Carmine Velour: Vivid, hot carmine-cherry colour on vigorous, flat, spreading plants.

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

NEW Spreading Petunia F1 Wave Carmine Velour Landscape Performance





NEW Wave Carmine Velour (R) has the same flat, free-flowering and strong garden performance as Wave Pink (L). Illinois, USA Week 32, 2017

NEW Wave Carmine Velour shows strong garden performance in Illinois, USA Week 30, 2018



Spreading Petunia F1 Shock Wave[®] Series

• Blooms in a tight, consistent, 4 to 6-day window.

• Rebounds faster from overhead watering and rain than other petunias – stays fresher-looking at retail and outdoors.

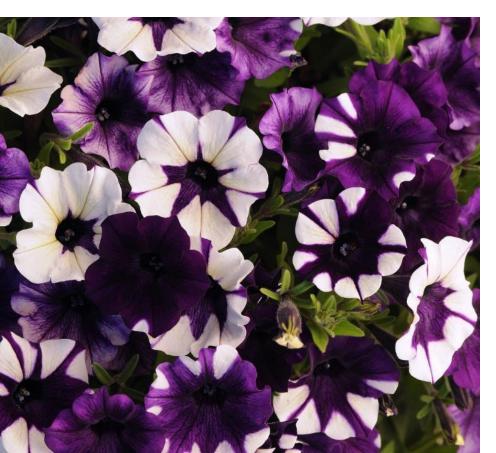
- Performs equally well in small spaces, baskets, containers and mixed combos.
- Mounded, spreading plants are similar in shape and just as easy to manage as Easy Wave[®] petunia.
- Recommended in Wave branded packaging: 10-cm/4-in. pots, 306 premium packs with handle, hanging baskets.

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Height: 18 to 25 cm/7 to 10 in. **Spread:** 76 to 91 cm/30 to 36 in. **Plug crop time:** 4 to 6 weeks Transplant to finish: Spring 5 to 6 weeks, Summer 4 to 5 weeks Seed supplied as: Pelleted

Spreading Petunia F1 Shock Wave[®] Series





NEW Purple Tie Dye:

- Inconsistent purple-blue and white bicolour pattern is appealing to consumers.
- Pattern changes based on temperature, light levels and Plant Growth Regulators (PGRs) used.
- Daminozide use will result in more white showing on the blooms.
- 10.5-hour daylength required.

PanAmerican Seed.



Spreading Petunia F1 Shock Wave[®] Series



Coral Crush



Deep Purple



Denim



Pink Shades



Pink Vein



NEW Purple Tie Dye



Red



Rose Spark Mixture



Volt Mixture



NEW Salvia Lancelot

- A unique plant for the border.
- Produces silvery-white, felted leaves plus lavender flowers in July, with rosy-lavender bracts and a pleasant sage fragrance.
- A drought tolerant plant.
- A great pollinator plant, attracting hummingbirds, bees and butterflies.

Height: 91 to 107 cm/36 to 42 in. Spread: 61 to 76 cm/24 to 30 in. Plug crop time: 4 to 5 weeks Transplant to finish: 5 to 6 weeks, foliage only Seed supplied as: Raw

PanAmerican Seed.





ANNUALS



Vinca Tattoo™ Series

- Very floriferous and well-branched plants display one-of-a-kind flowers.
- Tight flowering window with an easy-togrow, uniform, upright habit across all colours.
- Outstanding in hot and sunny conditions.

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Height: 25 to 36 cm/10 to 14 in. **Spread:** 15 to 20 cm/6 to 8 in. **Plug crop time:** 5 weeks Transplant to finish: 5 to 6 weeks Seed supplied as: Raw with 85% Min. Germ. Standard

Vinca Tattoo[™] Series



NEW Blueberry A unique colour perfect for combining with other plants to create heat-loving red, white and blue mixes.

NEW American Pie Mixture: Includes **NEW** Tattoo Blueberry, plus Pacifica Red and White.

- Tattoo blooms display the best colour contrast under warm conditions with moderate light;
- colours lighten with increased temperatures and light.
- Grown under cooler conditions and lower light, colours appear darker overall with less contrast and more purple colouration being expressed.



NEW American Pie Mixture

Vinca Tattoo[™] Series



Black Cherry



NEW Blueberry



Papaya



Raspberry



Tangerine



NEW American Pie Mixture



Vinca F1 Valiant[™] Series

- Intermediate disease resistance to aerial Phytophthora under field conditions.
- Makes well-branched with large flowers that show off high-impact colour at point of sale and in the landscape.
- Superior vigour in landscape to better survive environmental stresses such as sun, heat, drought, salt and cool/damp conditions.
- Low maintenance with good landscape longevity.

Height: 36 to 51 cm/14 to 20 in. Spread: 25 to 30 cm/10 to 12 in. Plug crop time: 5 weeks Transplant to finish: 3 to 4 weeks Seed supplied as: Raw

Vinca F1 Valiant[™] Series



NEW Apricot Improved



Burgundy



Lilac



NEW Magenta



Orchid



Punch



Pure White



NEW Magenta



Zinnia Double Zahara™ Series

- Fully double, disease-resistant zinnia series makes a huge colour show!
- The competition has semi-double flowers.
- Award-winning, excellent performance and durability in landscapes and containers, especially in sunny, hot and dry conditions.

NEW Yellow Improved: Larger flower diameter, brighter yellow colour and improved vigour.

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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: Coated with 85% Min. Germ. Standard

PanAmerican Seed.

Zinnia Double Zahara[™] Series



Bright Orange



Cherry



Fire



Raspberry Ripple



Salmon



White



NEW Yellow Improved



Brilliant Mixture



Mixture

PanAmerican Seed.



Spreading Pansy F1 Cool Wave[®] Series

NEW Red Wing Improved

wave



Spreading Pansy F1 Cool Wave[®] Series

- The best-performing spreading pansy series delivers easy spreading colour for Spring and Autumn.
- More vigorous with the most prostrate habit of any spreading pansy.

NEW Red Wing Improved: Offers better branching and a more mounding habit.

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Height: 15 to 20 cm/6 to 8 in. **Spread:** 61 to 76 cm/24 to 30 in. **Plug crop time:** 4 to 5 weeks Transplant to finish: Spring 6 to 7 weeks, Autumn 4 to 5 weeks Seed supplied as: Primed



Spreading Pansy F1 Cool Wave[®] Series



Blue Skies



Blueberry Swirl



Fire



Frost



Golden Yellow



Lemon



Morpho



Purple



Raspberry



Raspberry Swirl



Spreading Pansy F1 Cool Wave[®] Series



NEW Red Wing Improved



Strawberry Swirl



Violet Wing



White



Berries 'N Cream Mixture



Pastel Mixture



Mixture



Pansy F1 Matrix[®] Series

- Matrix offers less handling, less waste and exceptional holding power for higher profitability.
- 7-day bloom window across all colours in Autumn production makes scheduling and growing easy.
- Extra-large flowers hold up to the heat and PGR stress in Summer/Autumn production.
- Low-maintenance series gives pro landscapers the best choice for uniform colour striping, plus the most flowers per plant of any large-flowered pansy.

Height: 20 cm/8 in. Spread: 20 to 25 cm/8 to 10 in. Plug crop time: 5 weeks Transplant to finish: Spring 6 to 8 weeks, Autumn 4 to 6 weeks Seed supplied as: Raw, Primed with 90% Min. Germ. Standard

Pansy F1 Matrix[®] Series



Beaconsfield



Blue Blotch



Denim



Lavender Shades







Midnight Glow



Morpheus



Ocean



Primrose





Light Blue



Rose



Rose Blotch



Rose Wing



Orange

Solar Flare



Sunrise



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Purple

True Blue



White



White Blotch



Yellow

ANNUALS



Red Blotch

NEW Red Wing Improved



Pansy F1 Matrix[®] Series





Yellow Blotch

Yellow Purple Wing





Autumn Blaze Mixture



Blotch Mixture

- **Citrus Mixture**



Coastal Sunrise Mixture



NEW Red Wing Improved: Offers better branching and a more mounding habit.



Ocean Breeze Mixture



Raspberry Sundae Mixture



Tricolor Mixture



Harvest Mixture



Mixture

Viola F1 Quicktime™ Series

- Screened and selected for reduced day length sensitivity.
- Programmable and time saving for growers.
- Builds a strong body to fill out the pot or pack.
- 'Hyperflora' flowering power, which means it has multiple blooms at first flower and continues with fast secondary and tertiary flowering.

Height: 15 to 20 cm/6 to 8 in. **Spread:** 15 to 20 cm/6 to 8 in. **Plug crop time:** 4.5 to 5 weeks Transplant to finish: Spring 5 to 6 weeks, Autumn 3 to 4 weeks Seed supplied as: Primed with 90% Min. Germ. Standard. Raw seed 85%



Back: new Blue, Yellow Violet Jump Up, Lemon Jump Up, Yellow Blue Jump Up Front: new Yellow Blotch, White Blotch, Blue Purple Jump Up, Mickey

ANNUALS

Viola F1 Quicktime[™] Series





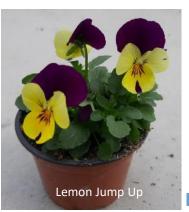






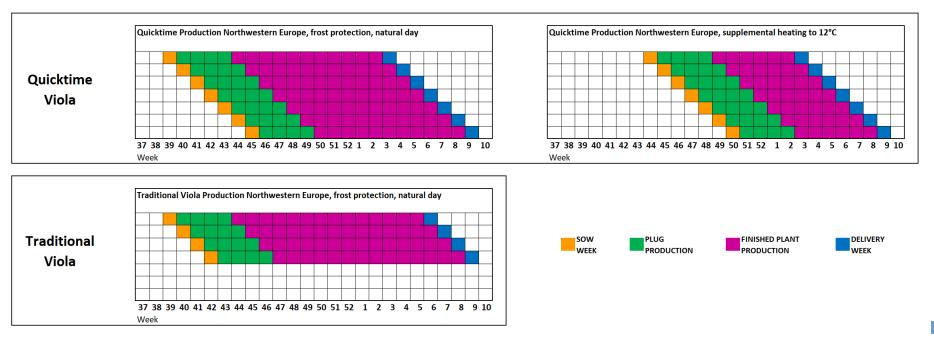






Quicktime is programable for these 3 uses:

- 1. Reducing crop time to save money and adding flexibility with space. Late potting (e.g. week 50), and still hit peak Viola spring season (week 9-10).
- 2. Fill late opportunity contract orders that couldn't be met using traditional violas.
- 3. First to market with attractive colors in the earliest weeks of spring.





Perennials from PanAmerican Seed®

PERENNIALS





NEW Aquilegia F1 Earlybird[™] Series

- Strong, new colours and colour combinations
- Low cold requirement and short juvenility for growing in warm Winter climates.
- Features a controlled habit, with relatively short stems on well-mounded plants.
- A flowering window of 10 to 12 days make it an excellent choice for early Spring programs.

Height: 23 to 28 cm/9 to 11 in. **Spread:** 20 to 25 cm/8 to 10 in. Plug crop time: 6 to 9 weeks

Transplant to finish: 12 to 16 weeks Seed supplied as: Raw

KieftSeed

NEW Aquilegia F1 Earlybird[™] Series



NEW Blue White

Features a slightly more slender plant habit compared to the rest of the series.



NEW Purple White

Flowers 2 to 3 days earlier than the rest of the series.



NEW Purple Yellow

Flowers 5 to 7 days later than the series average, and is 5 cm (2 in.) taller.

KieftSeed

NEW Aquilegia F1 Earlybird[™] Series



NEW Blue White



NEW Purple Blue



NEW Purple White



NEW Purple Yellow



NEW Red White



NEW Red Yellow



NEW White



NEW Yellow



NEW Mixture



NEW Arabis Barranca[™] Series

• The Barranca Series offers two colours in *A*. *blepharophylla*, producing a highly uniform crop that is short-stemmed with a lot of flower power.

• Pink is a unique colour in this floriferous, early-Spring flowering perennial.

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Height: 15 to 20 cm/6 to 8 in. **Spread:** 18 to 20 cm/7 to 8 in. **Plug crop time:** 6 to 8 weeks Transplant to finish: 26 to 32 weeks Seed supplied as: Raw with 80% Min. Germ. Standard



NEW Arabis Barranca[™] Series



NEW Deep Rose

NEW Pink 3 to 5 days earlier than Deep Rose, with more clear green foliage.

NEW Deep Rose









NEW Aurinia Gold Rush

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

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Height: 13 to 20 cm/5 to 8 in. **Spread:** 13 to 20 cm/5 to 8 in. **Plug crop time:** 6 to 7 weeks Transplant to finish: 26 to 32 weeks Seed supplied as: Raw with 80% Min. Germ. Standard

PERENNIALS FROM PANAMERICAN SEED



Lobelia F1 Starship[™] Series

- Earlier flowering; improved branching; low stretch; uniform, controlled habit; and huge flower power
- Good Summer crop for landscape programs prefers higher temperatures, humidity and moisture.
- Good germination and plug yield.
- Versatile series works well from 13-cm/5-in. pots to higher-value containers.
- Performs well in both annual and perennial combos.
- Attracts hummingbirds and butterflies.

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Height: 51 to 61 cm/20 to 24 in. Spread: 8 to 12 in./20 to 30 cm Plug crop time (288 tray): Scarlet, 7 to 9 weeks; all others, 8 to 10 weeks Transplant to finish: 14 to 18 weeks Seed supplied as: Pelleted with 70% Min. Germ. Standard



Lobelia F1 Starship[™] Series







NEW Blue

NEW Burgundy

NEW Scarlet Bronze Leaf

NEW Blue: This variety has a height of 61 to 71 cm/24 to 28 in., which is 15 to 20 cm/6 to 8 in. taller than the rest of the series. It also has green leaves, in contrast to the bronze leaves of the other varieties.

NEW Burgundy: Features the same habit as Scarlet and Deep Rose.

NEW Scarlet Bronze Leaf: The most bronze-leafed variety in the series grows to 61 to 66 cm/ 24 to 26 in. in height, about 13 to 15 cm/ 4 to 6 in. taller than Scarlet, and is one week later to flower. Replaces Vulcan Red, which was 3 weeks later to flower than the series. Features an in-demand combination of deep bronze leaves with intense scarlet flower power.

PERENNIALS FROM PANAMERICAN SEED

KieftSeed

Lobelia F1 Starship[™] Series



Scarlet



Deep Rose



NEW Burgundy



NEW Blue



NEW Scarlet Bronze Leaf

PanAmerican Seed.

CUT FLOWERS



Anemone F1 Mona Lisa[®] Series

• A masterpiece among anemones: Mona Lisa puts out up to 18 flowers per plant...flowers under lower Winter light levels...doesn't need staking, netting or disbudding.

• 10 to 12-cm/4 to 4.5-in. blooms top sturdy 18in./45-cm stems that are ideal for cutting and design work.

• Well-suited for young plant production from March to April sowing.

• Low temperatures (8 to 12°C/46 to 54°F) promote optimum stem length for cut flower production.

Height: 25 to 46 cm/10 to 18 in. Plug crop time: 8 weeks Transplant to finish: 12 weeks **Seed supplied as:** Raw with 80% Min. Germ. Standard

Anemone F1 Mona Lisa[®] Series



Deep Blue



NEW Orchid Shades Improved



Pink



Red Bicolor



Scarlet Eye



White



Wine White Bicolor

Mixture

NEW Orchid Shades Improved: Improved germination and uniformity over original Orchid Shades, with similar colour shades and crop time.



NEW Grass Panicum Capillare Frosted Explosion

- This easy-to-grow grass adds a delicate texture to any bouquet.
- Facultative short day flowering response; daylength extension is recommended where appropriate to ensure good stem length.
- Harvest stems when seed heads are green all the way to bronze tinged.
- Stems last 10 to 14 days in a vase.

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Height: 61 to 76 cm/24 to 30 in. Plug crop time: 4 to 5 weeks Transplant to finish: 8 to 12 weeks Seed supplied as: Multi-Seed Pellets with 80% Min. Germ. Standard



NEW Lisianthus F1 Can Can Purple

- A later-flowering, spray-type lisianthus with a highly filled flower in a deep purple-blue colour.
- Produces a spray of flowers on the top of each stem that opens within a short window, giving a bouquet effect to every stem.
- Labour savings with no pinching needed.
- Full spray effect may reduce the number of stems needed for floral arrangements.

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Height: 91 to 114 cm/36 to 45 in. Plug crop time: 8 to 10 weeks Transplant to finish: Winter, 14 to 18 weeks; Spring/Autumn, 12 to 14 weeks; Summer, 10 to 12 weeks Seed supplied as: Pelleted with 80% Min. Germ. Standard



Lisianthus F1 Flare Series

• The best spray-type lisianthus series – Flare produces a spray of flowers on the top of each stem that opens within a short window, giving a bouquet effect to every stem.

• Labour savings, thanks to no pinching needed.

• Full spray effect may reduce the number of stems needed for floral arrangements.

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Height: 91 to 114 cm/36 to 45 in. Plug crop time: 8 to 10 weeks Transplant to finish: Winter, 14 to 18 weeks; Spring/Autumn, 12 to 14 weeks; Summer, 10 to 12 weeks Seed supplied as: Pelleted with 80% Min. Germ. Standard

Lisianthus F1 Flare Series



NEW Yellow Improved

NEW Jade: New addition to the Flare series adds light green to the colour selection.

NEW Yellow Improved: Brings a stronger yellow to the series.



Deep Blue



Deep Rose



White



NEW Jade



Snapdragon F1 Maryland Series

(Group 1,2)

• Energy-efficient series is your best choice for cool-season, low-light and lowtemperature conditions.

• Group with other Group 1,2 varieties (Cool, Purple Twist and Red Delilah) for Autumn, Winter and Spring programs.

 Well-defined flower spikes are produced on sturdy, clean stems.

Height/Stem Length: 1 to 1.5 m/39 to 60 in. Plug crop time: 4 to 5 weeks

Seed supplied as: Raw with 85% Min.

Germ. Standard

Transplant to finish: 8 to 18 weeks



Snapdragon F1 Maryland New Rose (1,2)

- Important color addition to the Maryland series
- Group 1,2 for key transition planting weeks

Snapdragon F1 Maryland Series



Appleblossom (2)



Bright Yellow (2)



Dark Orange (2)



Ivory White (1,2)



Lavender (1,2)



Orange (1,2)



Plumblossom (2)

Snapdragon F1 Maryland Series



Red (1,2)



NEW Rose (1,2)



Royal (1,2)



Shell Pink (1,2)



True Pink (1,2)



White (2)



Yosemite Pink (1,2)

Also Available: Flamingo (1,2)



Snapdragon F1 Potomac™ Series

(Group 3,4)

• Tops for production during periods of high light, long days and warm temperatures.

- Plants produce tall, strong stems and long spikes with good flower quality.
- Can be grown year-round with supplemental high-intensity light.

Height/Stem Length: 99 to 152 cm/ 39 to 60 in. Plug crop time: 4 to 5 weeks Transplant to finish: 8 to 18 weeks Seed supplied as: Raw with 85% Min. Germ. Standard

Snapdragon F1 Potomac[™] Series



NEW Pink Improved (3,4)



NEW Red Improved (3,4)



Rose (3,4)

Royal (3,4)



White (3,4)



Yellow (3,4)

- **NEW Pink Improved:** Features thicker bud taper, better colour saturation and hybrid uniformity.
- **NEW Red Improved:** Offers a richer red colour, a more robust flower spike and earlier flowering that is more in line with the series.

Snapdragon F1 Potomac[™] Series



Appleblossom (3,4)



Cherry Rose (3,4)



Crimson (3,4)



Dark Orange (3,4)



Ivory White (3,4)



Lavender (3,4)



Orange (3,4)

PanAmerican Seed.

POT PLANTS



Celosia Kosmo Series

• Genetically dwarf series for year-round pot and pack programs needs no Plant Growth Regulators (PGRs) or pinching.

• Produces a main stem at the base with many side spikes; flower heads top well-proportioned leaves.

• Short production time, long retail shelf life and excellent garden performance.

Height: 20 cm/8 in. Spread: 20 to 25 cm/8 to 10 in. Plug crop time: 3 to 4 weeks Transplant to finish: 9 to 11 weeks Seed supplied as: Raw, Pelleted with 80% Min. Germ. Standard

Celosia Kosmo Series



NEW Orange: Brings a bright orange colour to the series.

NEW Mixture Improved: Includes **NEW** Orange.

NEW Orange



Celosia Kosmo Series



Cherry



NEW Orange



Pink



Purple Red



Salmon



Yellow



NEW Mixture Improved

PanAmerican Seed.

Gerbera F1 ColorBloom™ Series

NEW Red with Dark Eye

Gerbera F1 ColorBloom™ Series

- Designed for the 11-cm/ quart retail market.
- Around 10 days faster to flower than competitors.
- More uniform with a shorter flower window.
- Higher amount of usable plants due to better seed quality.
- Offers a compact plant habit that requires less to no Plant Growth Regulators (PGRs).
- Holds its colour better and won't fade in high light.

Height: 10 to 15 cm/4 to 6 in. **Spread:** 15 to 20 cm/6 to 8 in. **Plug crop time:** 6 to 7 weeks Transplant to finish: 6 to 10 weeks Seed supplied as: Coated with 90% Min. Germ. Standard

Gerbera F1 ColorBloom[™] Series



NEW Red with Dark Eye

More uniform in colour and around one week earlier to flower than competing reds.



NEW White with Dark Eye Clear white and uniform in colour.



NEW Mixture Improved

Includes all varieties in the series. Note that Bicolor Orange Yellow is slightly later to flower than the rest of the varieties. **POT PLANTS**

Gerbera F1 ColorBloom[™] Series



Bicolor Orange Yellow



Cherry with Light Eye



Deep Rose with Light Eye



NEW Red with Dark Eye



Red with Light Eye



NEW White with Dark Eye



Yellow with Dark Eye



NEW Mixture Improved



Gerbera F1 Mega Revolution™ Series

• Produces manageable, larger-sized plants with very large flowers – beats competing series for colour range, bloom size and seed quality.

- Ideal for larger container programs.
- Supplied with industry-leading seed quality.

Height: 15 to 25 cm/6 to 10 in. Spread: 30 to 36 cm/12 to 14 in. Plug crop time: 6 to 7 weeks Transplant to finish: 8 to 10 weeks Seed supplied as: Coated with 90% Min. Germ. Standard

Gerbera F1 Mega Revolution[™] Series



Bright Orange with Light Eye



Orange with Dark Eye



Orange with Light Eye

Bright Red



Bright Rose with Dark Eye



Rose with Light Eye



Deep Rose with Light Eye



Salmon Rose with Light Eye

Gerbera F1 Mega Revolution[™] Series





NEW Scarlet Red with Light Eye Improved

Watermelon



White with Light Eye

Yellow with Dark Eye

- NEW Scarlet Red with Light Eye Improved: Features shorter flower stems, a more compact plant, better flower performance and a higher flower count than the variety it replaces.
- **NEW Select Mixture Improved:** Contains all the varieties in the series.



Gerbera F1 Revolution™ Series

• Leading standard-size pot gerbera with uniformity of flowering window across a complete colour range.

• Better second flush of flowers than the competition assures much longer bloom time for the consumer.

• Best for 13-cm/ 5-in. pots.

Height: 4 to 8 in./10 to 20 cm Spread: 10 to 12 in./25 to 30 cm Plug crop time: 6 to 7 weeks Transplant to finish: 8 to 10 weeks Seed supplied as: Coated with 90% Min. Germ. Standard

Gerbera F1 Revolution™ Series



Bicolor Red Lemon



Bicolor Red White



Bicolor Rose White



Bicolor Yellow Orange



Bright Rose with Light Eye



NEW Deep Orange with Dark Eye More compact variety has a good, deep orange colour.



Deep Pink with Light Eye



Golden Yellow with Dark Eye

Gerbera F1 Revolution™ Series



Orange with Light Eye



Pastel Orange



Red with Dark Eye



Red with Light Eye



Salmon Shades with Light Eye



White with Light Eye



Yellow with Light Eye



Bicolor Mixture



Select Mixture

NEW Kitchen Minis®

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MINIS®

Kitchen Minis are small potted plants consumers can grow on indoor windowsills and counters and produce vegetables like NEW Siam F1 Cherry Tomato. They encourage consumers to grow and eat their own homegrown vegetables all year round.



NEW Edible Potted Tomato F1 Siam

- Plant benefits from being grown dry.
- Support fruit weight by inserting sticks close to the central stem at the time of flowering.
- Fruit colour: Red
- Pot size: 13-17 cm/5-6.5 in.
- Fruit size: 1.5 x 1.5 cm/0.5 x 0.5 in.

Height: 36 to 41 cm/14 to 16 in. Spread: 25 to 30 cm/10 to 12 in. Plug crop time: 2 to 3 weeks Potting to sale: 10 to 12 weeks Seed supplied as: Raw seed with 80% Min. Germ. Standard

The Edible Potted Plant Collection



Adobo



Cosmo



Fresh Bites Orange



Fresh Bites Red



Fresh Bites Yellow



Hot Burrito



Hot Fajita



Hot Joker

The Edible Potted Plant Collection







Piñata



Hot Lemon

Hot Tomato

a

Tamale



Taquito



Yellow Tomato

POT PLANTS



HANDPICKED VEGETABLES & HERBS



NEW Eggplant F1 Asian Delite

- Slender, elongated eggplants are glossy with bright purple skin and white, tender, non-bitter flesh.
- Fruit can be sliced lengthwise for grilling or lightly frying, and tender skin does not need to be peeled.
- Sliced or diced fruit is great for a stir-fry or curry; its nonbitter flavour and tender texture will compliment any sauce.
- Plants are upright and semi-spineless, so they are very easy and painless to harvest.
- Great in an in-ground garden or large container.

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Height: 61 to 107 cm/24 to 42 in. Spread: 61 to 91 cm/24 to 36 in. Days to maturity from transplant: 50-55 Seed supplied as: Raw with 85% Min. Germ. Standard



NEW Pepper F1 Peppi Series

- This small, pointed fruit offers incredible sweetness and rich flavour.
- The fruit are often seedless, and are great for snacking fresh off the plant, adding to a lunchbox or on an appetizer platter without having to eat around the seeds.
- To produce seedless fruit, grow it in isolation from other (non-seedless) pepper varieties.
- If it is not isolated, it will produce larger, great-tasting fruit with just a few seeds.
- Best grown in-ground with support of stakes or a cage.

Height: 91 to 122 cm/36 to 48 in. **Spread:** 61 to 91 cm/24 to 36 in.

Days to maturity from transplant: 55-60, for green; 75-80 for full ripe Seed supplied as: Raw with 85% Min. Germ. Standard

NEW Pepper F1 Peppi Series



NEW Red: Fruit changes from green to red.

NEW Yellow: Fruit changes from green to yellow.

NEW Red



NEW Pepper F1 PeppiGrande Red

• Corno-shaped pepper has outstanding crisp texture, rich flavour and more sweetness than large-fruited peppers.

• Fruit is often seedless, which means less preparation time for chopping and cooking; great on the grill or baked stuffed with cheese.

• To produce seedless fruit, grow it in isolation from other (non-seedless) pepper varieties.

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Height: 91 to 122 cm/36 to 48 in. Spread: 61 to 91 cm/24 to 36 in.

Days to maturity from transplant: 60-65, for green; 80-85 for full ripe Seed supplied as: Raw with 85% Min. Germ. Standard

NEW Pepper F1 PeppiGrande Red



- If it is not isolated, it will produce larger, great-tasting fruit with just a few seeds.
- Best grown in-ground with support of stakes or a cage.



NEW SimplySalad[®] Pro San Mixture

• A mix of Asian greens – mizuna and komatsuna – that were selected for late bolting and uniform growth.

- Leaves have attractive lobed and serrated leaf shapes in bright purple and green shades.
- Classic flavour is perfect for salads or braising.
- Cut at junior leaf stage 25-35 days from sowing or at full leaf stage 35-45 days from sowing.
- Cut leaves 5 cm/2 in. above soil level and foliage will re-grow to junior leaf size approximately 10 days later

Height: 20 to 30 cm/8 to 12 in. Spread: 15 to 30 cm/6 to 12 in. Days to maturity from direct seed: 25-45 Days to maturity from transplant: 15-30 Seed supplied as: Precision Multi-Pellets with 90% Min. Germ. Standard



NEW SimplySalad[®] Pro Tatu Mixture

• A mixture of Asian mustard and komatsuna greens that were selected for late bolting and uniform growth.

- Leaves have attractive lobed and frilled leaf shapes in deep purple and bright green shades.
- Spicy flavour is perfect for salads or braising.
- Cut at a junior leaf stage 25-35 days from sowing or at full leaf stage 35-45 days from sowing.
- Cut leaves 5 cm/ 2 in. above soil level and foliage will re-grow to junior leaf size approximately 10 days later.

Height: 20 to 30 cm/8 to 12 in. Spread: 15 to 30 cm/6 to 12 in. Days to maturity from direct seed: 25-45 Days to maturity from transplant: 15-30 Seed supplied as: Precision Multi-Pellets with 90% Min. Germ. Standard



NEW Squash F1 Autumn Frost

- Uniquely ribbed, round fruit ripens to dark tan with a frosted overlay.
- Fruit is similar in taste to a butternut squash, with superior quality, rich flavour and a shelf life of up to 4 months after maturity, allowing for a supply of high-quality fruit throughout the Winter season.
- Fruit can be prepared like a winter squash; cut lengthwise or cut the top 5 cm/ 2 in. off, scoop seeds out and roast; perfect for stuffing.
- Best grown in-ground.

Height: 20 to 30 cm/8 to 12 in. Spread: 244 to 355 cm/96 to 132 in. Days to maturity from direct seed: 100-105 **Seed supplied as:** Raw with 85% Min. Germ. Standard