

SUPPLEMENT TO:

Greenhouse
MANAGEMENT







Benary

1. Rudbeckia hirta Amarillo Gold

Exceptionally showy and easy to grow, Rudbeckia hirta Amarillo Gold has huge, eye-catching yellow and gold flowers with a similar look to Prairie Sun but a more compact, uniform habit. Amarillo Gold shows more color at retail and is easy to put on racks and ship! Amarillo Gold is considered a soft perennial or biennial but it is very well suited for 1 gallon pots; 8" pots and mixed containers adding more color to your perennial program. It has already won an AAS Regional Award for the Southeast and Heartland regions and is a Fleuroselect Gold Medal Winner in Europe.

2. Rudbeckia hirta Chevenne Gold

Cheyenne Gold is another *Rudbeckia hirta* from Benary with bold, stunning color for the garden but with a more vigorous habit than Amarillo Gold. The huge, rain tolerant, golden yellow flowers can reach up to 6" [15 cm] in diameter are a perfect cut flower item with a long vase life. Considered a native plant to most of the US and Canada, Cheyenne Gold attracts bees and butterflies, and the seed pods are a favorite for many species of birds. Chevenne Gold is a great addition to your gallon perennial program and blooms consistently from June to frost.

3. Sempervivum Hippy Chicks

Hippy Chicks is a new take on a very popular, winter-hardy succulent. These evergreen rosettes, are a mix of green to burgundy making them an attractive structural plant for rock gardens, mixed containers, green roofs or as an indoor plant. But what really sets Hippy Chicks apart is that it's available in Benary's BeGreen™ ApeX Pellets. The BeGreen™ ApeX Pellet is a completely chemical-free pellet which makes sowing easier; helps break dormancy; and increases germination and yield. Benary is the first breeder in the industry to introduce a chemical free pellet!

For more information: benary.com



Lewisia Elise

First year flowering perennial; heat and drought tolerant.

To learn about Lewisia Elise Series go to www.benary.com









Darwin Perennials

1. Lavandula stoechas Primavera

Primavera is a game-changing breakthrough Spanish Lavender. It has a unique no-chill requirement that provides growers a Lavender crop that can be scheduled as the earliest, vegetative Spanish Lavender on the market. It's also everblooming! Start it in Spring and enjoy flowers even through the heat of the Summer. Primavera is topped with large, burgundy flags on purple flowers – they are fragrant, vibrant and attractive to bees and butterflies. Hardy in USDA Zones 7a-9a.

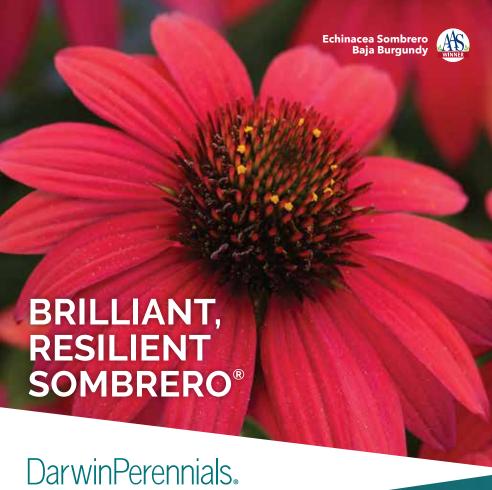
2. Nepeta Whispurr™ Series

With Blue and Pink color options, Whispurr offers large, 8 to 10-in. [20 to 25-cm] flower plumes on robust plants. The leaves have a minty fragrance and tons of garden appeal. Very popular with pollinators with a long blooming season from Spring through the Summer months. Hardy in USDA Zones 4a-9a.

3. Phlox Super Ka-Pow™ Series

Super Ka-Pow is super-sized for proven landscape performance. This Phlox paniculata series has excellent branching and ensures an abundance of flowers throughout the Summer. The large blooms and expansive habit put on an incredible show. The series launches with four colors: Pink, Fuchsia, Lavender and White. It also includes Winter hardiness to USDA Zone 4b and excellent powdery mildew resistance.

For more information: darwingerennials.com



Vibrant-colored Echinacea series delivers proven Winter hardiness, plus superior flower power and landscape performance across all varieties.

For scheduling information on how to plan your best Echinacea program, visit **darwinperennials.com**.

PERENNIALS WITH STAYING POWER™ 888 800-0026

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

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Green Fuse Botanicals

1. Leucanthemum Carpet Angel Daisy® NEW

Yet another industry first in leucanthemum breeding, the world's only ground cover shasta daisy! Double Angel Daisy® shows off incredible basal branching, producing a prostrate habit for a carpet appearance. Dozens of double blooms will sit tightly on the foliage all season long. A truly revolutionary selection! Garden height is 3"-4". Garden width is 18"-20". Zone 4

2. Rudbeckia Dakota™ NEW

A revolutionary breeding program brings the industry first truly zone hardy Rudbeckia Hirta. The Dakota™ series is completely day length neutral, so the spring perennial market is just as easily achieved as the summer. Dakota™ Gold throws massive rich gold flowers measuring five to seven inches across. The First Look™ trial variety of Red Shield shows deep bicolor flowers. The Dakota™ Rudbeckia is a must have for all perennial growers. Garden height 15-18″. Zone 5 Green-fuse-hydrangea

3. Hydrangea Game Changer® NEW

Green Fuse® is extremely proud to bring another industry first to the market, the Hydrangea Game Changer® Series. The first and only hydrangea in the world to not only be daylength neutral, but the Game Changer® series requires zero chilling! This removes twenty-four to thirty weeks of production time. The massive lacecap flowers will bloom continuously from spring through frost. The remarkable hardiness will make this a standard in perennial gardens throughout the world! Garden height is 20-24". Zone 5.

For more information: green-fuse.com











With year-round production, CONSTANT BEAUTY® crushes everything you know about ordinary Dianthus.

We're crushing all boundaries on seasonality with our daylength neutral, first year flowering varieties in dianthus. Perfectly predictable any time of the year, these luscious colors make profitable programs in every season.



- Crush Seasonal Boundaries
- · Crush Long Grow Times
- Crush Short Bloom Seasons

The Bottom Line: You'll Crush the Competition

green-fuse.com









Jelitto Perennial Seeds

1. Allium schoenoprasum 'Ornamental One Series'

We are proud to introduce 'The Ornamental One' Chive Series! 'Pink One', 'Purple One', and 'White One' flowering plants available for the first time in single color seed strains. First year flowering, deliciously edible and highly ornamental, all three colors are uniform in height and flowering time, with good sturdy leaf blades. Multi-use plants are very desirable these days... garden to table... garden to vase... massed in garden settings... or use in container plantings.

2. Bulbine frutescens 'Avera Sun Series'

Jelitto Perennial Seeds' breeding program introduces the Bulbine frutescens Avera Sun-Series 'Avera Sunrise Yellow' and 'Avera Sunset Orange' --two distinct color strains with triple size blooms (compared to the species) that are first year flowering from seed. Cheerful yellow or orange stars grace these easy to grow drought tolerant succulents.

3. Sisyrinchium idahoense var. macounii 'Moody Blues'

Whether you ink or inch, this beautiful little blue-eyed member of the Iris family will make its mark in your garden life. Smaller in stature than its relative S. angustifolium but larger in flower, 'Moody Blues' is a beauty. This vigorous species of Idaho blue-eyed grass grows naturally in moist open meadows. Plants grow to about 4-5 inches tall and 6 inches wide and are a food source for multiple pollinators and beneficial insects.

For more information: ielitto.com





Exciting New Perennial Varieties from Seed www.jelitto.com

STAUDENSAMEN - PERENNIAL SEEDS - GRAINES DE PLANTES VIVACES

Production · Breeding · Seed Technology

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Kieft Seed

1. NEW Artisan™ Collection F1 Echinacea

USDA Zones: 4a to 10b

NEW Artisan is the first F1 hybrid single color Echinacea collection from seed, with the benefit of consistent vigor and uniformity. Artisan includes two colors: Soft Orange with tangerine tones, and Red Ombre, a palette of red shades – both in-demand colors in this class! The vibrant colors deliver maximum flower power at retail and continue to shine in landscapes with superior performance. New Amplified seed form results in faster and more uniform germination compared to non-enhanced seed.

2. NEW Earlybird™ Series F1 Aquilegia

USDA Zones: 3a to 9b

Strong new colors and color combinations spark new interest in Aquilegia! The series comes in 8 colors and a mix, and includes Purple White, Purple Yellow and Red Yellow unique colors in F1 Aquilegia. It also has a low cold requirement and short juvenility for growing in warm Winter climates. The series features a controlled habit, with relatively short stems on well-mounded plants. A flowering window of 10 to 12 days, and a short harvest window, make this series an excellent choice for early-Spring programs.

3. Starship™ Series F1 Lobelia

USDA Zones: 6a to 10b

NEW Blue, NEW Burgundy and NEW Scarlet Bronze Leaf expand the series known for earlier flowering, improved branching, low stretch and a uniform, controlled habit. With huge flower power, Starship is a good Summer variety for garden borders - preferring higher temperatures, humidity and moisture. NEW Blue is 6 to 8 in. [15 to 20 cm] taller than the rest of the series and has green leaves. NEW Scarlet Bronze Leaf is 4 to 6 in. [13 to 15 cm] taller than Starship Scarlet and is one week later to flower.

For more information: panamseed.com/perennials

ARTISAN e c h i n a c e a



Introducing Artisan", the first F1 hybrid Echinacea single color collection from seed! Offering consistent vigor and uniformity in two beautiful, handcrafted colors: Soft Orange, with tangerine tones, and Red Ombre, a palette of red shades that customers will lovel Maximum flower power at retail and superior performance in gardens and containers.

Get the Zone 4-hardy seed Echinacea with handcrafted garden color. Order your Artisan" Echinacea seed and plugs today.

> panamseed.com makes it easier for you to grow. 630 231-1400 800 231-7065







Must Have Perennials

1. Lupinus polyphyllus Westcountry 'Manhattan Lights' USPP#18868 Nothing quite creates the "wow effect" in a garden or container like Lupines, particularly this variety with its striking purple and yellow bicolor blooms. Plants grow to 30 inches tall with a 25- to 30-inch spread in full sun to part shade. Bloom time for this variety is midseason. Grow in a 2-gallon or larger container in full sun/part shade.

2. Lupinus polyphyllus Westcountry 'Persian Slipper' USPP#18733

Dusty periwinkle spikes with white fleck attract butterflies and bees. Deer and rabbit resistant, too. Height soars to 30 inches and width is 25- to 30-inches. Early-season blooming. One plant can fill a 2-gallon pot. The sturdy stems keep them safe in shipping and support strong garden performance.

Available from Must Have Perennials through licensed propagators. Bred by Sarah Conibear, Westcountry Nurseries, United Kingdom.

For more information: must have perennials.com

It's All About Connections!

BREEDERS

RETAILERS





Trade = Must Have Perennials®

Bringing new, innovative perennials

to market

30+ licensees worldwide

Comprehensive trialing program

Found a plant? We can help introduce it worldwide!

Consumers = Rozanne and Friends®

Includes some of the highest-selling perennials, including

Geranium Rozanne®

Sign up for blogs on our websites

Garden Designs/ Retail POP kits available

















Better roots, better business. That's the bottom line.

From the beginning we have continuously worked to improve, grade generously, and offer the very best product we can. This goal has led us to become the largest supplier of bare root perennials in North America with one of the most diverse catalogs. Bare root has always been a part of our identity and represents our continued commitment.

We trim our roots to the essentials for a clean.

easy to transplant product.

Walters Gardens and Proven Winners® Perennials

1. Hibiscus SUMMERIFIC® 'French Vanilla' PPAF CPBRAF

A new color for the collection and a breakthrough for yellow Hardy Hibiscus. Soft yellow flower buds open to 7-8" creamy custard yellow, ruffled flowers with a prominent red eye. Compared to the industry standard 'Old Yella', this Hibiscus retains its yellow color longer, has a more compact habit, red stems and deeper green, more attractive foliage, and a very prolific floral production. Zones 4-9.

2. Origanum 'Drops of Jupiter' PPAF CPBRAF

When planted in full sun, the leaves of 'Drops of Jupiter' are chartreuse yellow. Later in the summer, mauve pink flowers are held on purple calyxes. The calyxes hold after the flowers are spent and extend the attractiveness late into fall. Although it's related to the oregano commonly used in cooking, this herb is meant to show off in the garden, similar to the ornamental onion Allium 'Serendipity'. Its leaves are edible, but will not have as intense of a flavor as its cousins. Zones 4-9.

3. Phlox paniculata LUMINARY™ 'Opalescence' PPAF CPBRAF

The flagship variety of the LUMINARY™ Collection and the new gold standard of powdery mildew resistance. In an extensive mildew trial, this was the very best variety to display resistance. Light pink flowers have dark pink eyes and are produced over dark green leaves; the darkest green we've seen on a Phlox paniculata. Zones 3-8.

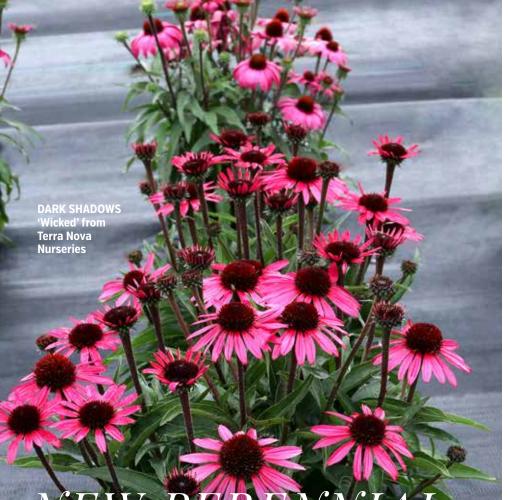
4. Pulmonaria 'Spot On' PPAF CPBRAF

Pulmonaria are the perfect choice to signal the end of winter. The flowers of 'Spot On' open a unique deep salmon pink (nearly orange) that matures to a rich blue color. Silver speckling dusts the green leaves. This is one of the first Pulmonaria to have near-orange flower buds. Zones 3-9.

For more information: waltersgardens.com







NEW PERENNIAL ARIES

Your guide to the latest perennial varieties from around the world

16 2020 New Perennials

AGASTACHE

Agastache 'Crazy Fortune' presented by **Emerald Coast Growers** is an insanely floriferous overachiever, producing nonstop blue/purple flowers against lightly variegated foliage with subtle white veins. Gardeners and pollinators are nuts about it. Prefers full sun and grows to 26-30". Hardy in Zones 5-10.



Aquilegia 'Earlybird', a new series from **Kieft Seed**, has a low cold requirement and short juvenility for growing in warm Winter climates. Earlybird features strong, new colors and color combinations that spark new interest in the Aquilegia class. It features a controlled habit with relatively short stems on well-mounded plants. There's a flowering window of 10 to 12 days, plus a short harvest window, making it an excellent choice for early spring programs. Hardy in USDA Zones 3a-9b.

ANDROPOGON

Andropogon gerardii 'Holy Smoke' presented by **Emerald Coast Growers** produces very erect flower stems that rise to 5' over 30" stands of upright/arching foliage. Beautiful purple and pink fall coloring. Prefers full sun. Hardy in Zones 3-9.

BRUNNERA

Brunnera 'Alexander's Great' has finally met its match. Brunnera 'Alexandria' from Terra Nova Nurseries features brilliant. mirror-silver leaves with the classic 'Alexander's Great' size and vigor. Tiny clouds of sky-blue flowers in the spring float above the foliage as it emerges. It is truly a refreshing garden addition with early flowers for









New Varieties: PERENNIALS







the pollinators. USDA Hardiness Zones for Brunnera 'Alexandria' are 4-9, and it has a foliage height of 14", a foliage spread of 30" and a flower height of 17".

BOUTELOUA

Bouteloua gracilis 'Honeycomb' presented by **Emerald Coast Growers** offers honey-blonde "eyelash" seedheads, cocked at an eye-catching angle on upright stems. Plant habit is fuller and denser, with less blade dieback than other varieties. Prefers full sun and grows to a height of 24-30". Hardy in Zones 3-10.

DAYLILIES

The enormous 7" flowers of 'Lake of Fire'

from **Walters Gardens** are apricot orange with an incredibly wide, red orange eye. The ruffled edge is a matching red orange with a thin golden yellow margin. 'Lake of Fire' will set your garden ablaze in midsummer. Zones 3-9. A Proven Winners perennial.

DELPHINIUM

'Dasante Blue' from **Kieft Seed** shows off vibrant true blue flowers with light purple accents and white bees. It is a grower-friendly product with a compact habit that is more responsive to PGRs and is naturally earlier than other *D. elatum* types. This cool-season crop can be grown with little or no heat for energy savings. Plants ship well to retail with more plants per rack in-flower for tremendous impact in stores. Dasante Blue is suitable for greenhouse, field or cutflower production. Hardy to USDA Zones 4a-7b.

DIANTHUS

'Fuchsia Fire', a Dianthus from Intrinsic Perennial Gardens! This hybrid with 'Firewitch' has nearly the same color but the stems are half the size. Reaching 5-6" tall above silver and mat forming foliage, the fragrant flowers begin in June, with some rebloom throughout the season. 'Fuchsia Fire' is bred by Jake Letmanski.

ECHINACEA

One of **Terra Nova Nurseries'** best echinacea hybrids! Echinacea **DARK SHADOWS 'Wicked'** is very upright with glowing watermelon-pink blooms that are held in a perfect bouquet pattern.

Dense, pine-green foliage covers this plant right to the ground. Its dark, chocolate

brown stems and a matching eye contrast perfectly on this remarkable plant. USDA Hardiness Zones for Echinacea DARK SHADOWS Wicked are 4-9, and it has a foliage height of 12", a foliage spread of 14" and a flower height of 16".

From the popular Sombrero breeding comes a new Echinacea series from **Darwin Perennials**. 'Sombrero Poco' is compact yet features the same exceptional Winter hardiness, excellent branching and proven landscape performance of the original series. Its compact habit makes for better forcing and greenhouse growing. The non-fading flowers last for weeks. The series launches with two colors: Yellow and Hot Coral. Hardy in USDA Zones 4b-9b.

HELENIUM

Helenium 'HayDay' is a festive new series of Helenium from Syngenta Flowers with brightly colored blooms that flower from summer through fall. Nicely controlled and upright habits make 'HayDay' ideal for 2.5 quart perennial programs. Dense branching results in loads of flowers, making 'HayDay' the perfect summer perennial for attracting pollinators and brining exciting new genetics into this classic prairie wildflower. Color available: Golden Bicolor, Orange, Red, Red Bicolor and Yellow. Hardy in USDA Zones 5-9.

KNIPOFIA

A lovely, citrusy addition to the immensely popular Kniphofia POCO series from **Terra Nova Nurseries**, **Kniphofia** '**Poco Citron**' has short, dense spikes that start as creamy lime-green and eventually shift





to fresh-lemon. Kniphofia 'Poco Citron' pumps out huge numbers of blooms, hovering over the very upright, grassy foliage. It is excellent as a container plant or front of the border star. Zones 6-9. Foliage height of 14" and spread of 14". Flower height of 20".

LAVENDER

This French lavender has beautiful fringed, gray-green foliage. **Imperial** from **Düm-men Orange** is the undisputed leader in

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New Varieties: PERENNIALS







the class of dentata types with exceptional flower power and a ton of branching.

LEUCANTHEMUM

The Leucantheum 'Sweet Daisy Rebecca' from Dümmen Orange has a unique double flower form with an abundance of narrow fringed petals. This Leucanthemum is a Zone 4 perennial. Sweet Daisy Rebecca continues to bloom for 14- to 16-weeks continuously for an unstoppable summer show.

LOBELIA

The **Lobelia 'Starship' series** from **Kieft Seed** expands its color introductions with three new varieties for 2021 – Scarlet Bronze Leaf, Blue and Burgundy. This series of *L. speciosa* offers earlier flowering, improved branching, low stretch and a uniformed, controlled habit. Starship has huge flower power to assure a better-quality finished plant than its competition. A good summer perennial for garden borders — it prefers higher temperature, humidity and moisture. Seed has good germination and plug yield. USDA Zones 6a-10b.

NEPETA

With Blue and Pink color options, 'Whispurr' from Darwin Perennials offers large flower plumes on robust plants. The leaves have a minty fragrance and tons of garden appeal. Very popular with pollinators with a long blooming season from Spring through the Summer months. Hardy in USDA Zones 4a-9a.

PENNISETUM

'Love and Rockets' is a pennisetum from **Intrinsic Perennial Gardens**.

After 19 years of breeding, they finally have a small red flowered fountain grass in league with 'Hameln'. Dark green foliage blends nicely with the wine red flowers softening in color by fall. Mature plants reaching around 24 to 30" tall. Red tipped foliage at times adds another dimension. Full sun. Most any soil but wet.

PHLOX

'GoldiPhlox' from Syngenta Flowers

is brand, new series of well-matched Phlox *subulata* that brings a well-needed upgrade to this perennial workhorse. This series has a decreased bulking requirement time, and are very strong through winter, making them a much more uniform and successful coming into early spring bloom. Suited for medium sized containers and is a must have for any perennial program, big or small. Zones 3-9.

One of three varieties in the new Spring Bling series, 'Pink Sparkles' from Walters Gardens has massive 1½" baby pink flowers – double the size of standard *P. subulata* types. Not a straight *P. subulata*, these varieties bloom earlier and the foliage stays nice longer. Zones 4-8. A Proven Winners perennial.

'Super Ka-Pow' from **Darwin Perennials** is super-sized for power in the garden. This Phlox paniculata series has excellent branching and ensures an abundance of flowers throughout the Summer. The large blooms and expansive habit put on an incredible show. The series launches with four colors: Pink, Fuchsia, Lavender and White. It also includes winter hardiness to USDA Zone 4b and powdery mildew resistance







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New Varieties: PERENNIALS





The **Phlox Woodlander series** from **Dümmen Orange** is a new interspecific evergreen groundcover phlox with extended flower power, larger blooms, more durable foliage and an overall more robust plant habit. The larger blooms and long extended flowering period compared with traditional subulate types make for superior retail appeal. Woodlander phlox are adaptable to both sun and partial shade for better consumer success. Phlox Woodlander is available in Pink, Lilac, Rose and White.

SALVIA

Named Midnight because of the dark



purple stems and dark calyces. The **Salvia Midnight** from **Dümmen Orange** has great vigor horizontally making it nice and tidy for height purposes. This series also has constant flowering, but the dark calyx persists even weeks longer, giving a more exciting impression in the garden, weeks after most salvia have gone out of color. Available in two colors: Midnight Purple and Midnight Rose

SEDUM

Yellowstone' is a *Sedum sexangulare* from **Intrinsic Perennial Gardens**. Chartreuse fingered foliage turns to gold as the season

heads into summer with peak gold foliage quickly followed by yellow flowers in July. Spreading plants grow 4-6" tall and over 1' wide. It has larger foliage and better vigor than 'Golddigger.'

SHASTA DAISY

Like little scoops of ice cream, this Shasta Daisy will charm you as it comes into focus in early to midsummer. 'Ice Cream Dream' from Walters Gardens Intense yellow



Walters Gardens





buds open cream and expand to be near white, fully double, pom-pom-like flowers with small yellow centers. The flowers are $2\frac{1}{2}-3$ " wide and tover

the compact habit of dark green foliage. Vernalization is not required for flowering, but beneficial. Hardy to Zones 4-9.

waltersgardens.com

NEW PERENNIALS CONTACT LIST 815-756-4546 Benary benary.com **Darwin Perennials** 888-800-0026 darwinperennials.com Dümmen Orange 614-850-9551 dummenorange.com 850-944-0808 **Emerald Coast Growers** ecgrowers.com 805-933-5599 Green Fuse Botanicals green-fuse.com 815-648-2788 Intrinsic Perennial Gardens instrinsicperennialgardens. com Kieft Seed Perennials from 630-231-1400 or 800-231panamseed.com PanAmerican Seed 7065 Must Have Perennials musthaveperennials.com Syngenta Flowers 1-800-630-3189 syngentaflowers-us.com Terra Nova Nurseries 1-800-215-9450 terranovanurseries.com

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