

2022

DARWIN PERENNIALS®

DarwinPerennials®



QUALITY, RELIABILITY, CONSISTENCY



Welcome to the 2022 Darwin Perennials catalog. We are proud to offer consistent, high-quality cuttings from our Darwin Colombia farm and labs throughout the world – all backed by our reliable supply chain.

This year, we're bringing more innovations to our product assortment than ever before, including **NEW Nepeta Prelude™ Purple**, a new addition to the first-year-flowering landscape duo series that scale up to 3 ft. in the second year!

Our team of perennial experts always strives to provide you with solutions for any grower challenge. One stand-out resource is our interactive **First-Year-Flowering Tool**, which helps you schedule a wide range of our first-year-flowering perennials! Turn to page 126 or visit **FirstYearFloweringTool.com** for more information.

For ordering instructions and to learn more about our product assortment, talk to your Darwin Perennials team of experts and your Sales Representative today!

Sincerely,
Seth Reed
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DARWIN PERENNIALS VARIETIES

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See page 152 for full product index.

NEW



**Nepeta
Prelude
Purple**
pictured on cover



Delosperma
Ocean Sunset
Orange Glow, p. 44

NEW FOR 2022

Check out these outstanding new introductions to our ever-expanding perennial lineup.

Delosperma Ocean Sunset™ Series, page 44

Lysimachia 'Firefly' and 'Night Light', page 68

Monarda Bee-Mine™ Series, page 71

Nepeta Prelude™ Purple, page 78

Phlox Ka-Pow® Soft Pink, page 87

Phlox Super Ka-Pow™ Blue and Coral, page 88

Verbena 'Homestead Hot Pink', page 115



Monarda
Bee-Mine
Red, p. 71



Verbena
'Homestead
Hot Pink', p. 115

PERENNIAL SHADE PLANT SOLUTIONS

A CAREFULLY CURATED COLLECTION FOR YOUR SHADE SUCCESS

Growers are often faced with the challenge of having few shade perennial options. That's why the Darwin Perennials team of experts have carefully curated our new shade program – a range of shade-loving varieties with your growing success in mind. Through innovative breeding, these perennials ensure:

- Low-sun requirements
- Unique shapes
- Vibrant colors
- Low-maintenance, easy care
- Many can endure full-sun, too

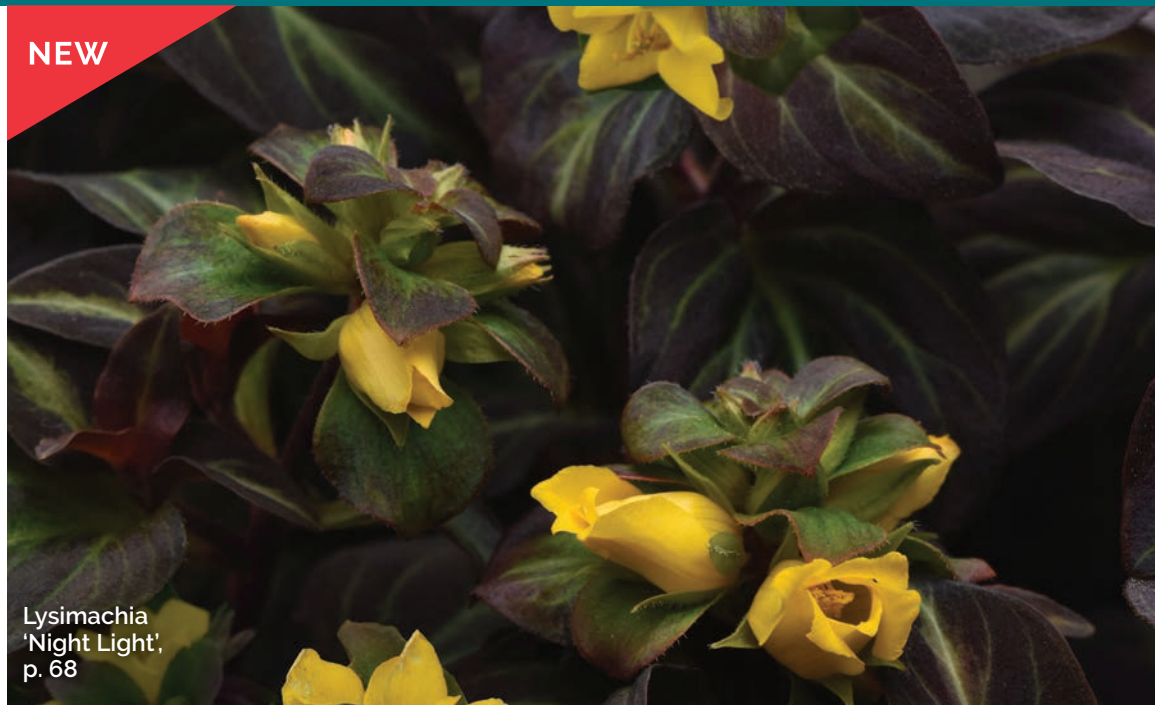
With these plants, the end consumer can embrace their shaded gardens with an array of options. Here are a few of our new shade varieties to choose from:

NEW Heuchera 'Big Top Caramel Apple' is perfect for shade landscapes and significantly larger than our Carnival series. See page 15 for more information.

NEW Heuchera 'Carnival Burgundy Blast' and **'Carnival Cinnamon Stick'**, novel additions to the stand-out Carnival series, offer a high leaf count for a faster finishing time than other Heuchera on the market. To view the full series, turn to page 14.

NEW Lysimachia 'Firefly' and **'Night Light'** are two new groundcovers with striking foliage and yellow flowers that offer continuous blooming all Summer long. These varieties will truly light up the shade, turn to page 68 to learn more.

NEW



Lysimachia
'Night Light',
p. 68

NEW



Heuchera
'Big Top Caramel Apple',
p. 15

NEW



Heuchera
'Carnival Cinnamon Stick',
p. 15

WALTERS GARDENS

EXPANDING ON THE FINEST GENETICS

As a leading North American perennial young plant supplier, Walters Gardens offers some of the finest-quality varieties available as unrooted cuttings out of Darwin Colombia.

We are proud to continue our partnership with Walters Gardens, and this season, there are many showstopping introductions spanning across several classes joining the lineup.

Here is a sample of their exciting offering:

Aster 'Grape Crush',
page 31

NEW Buddleia 'Gold Drop'
and **NEW 'Violet Cascade'**,
page 36

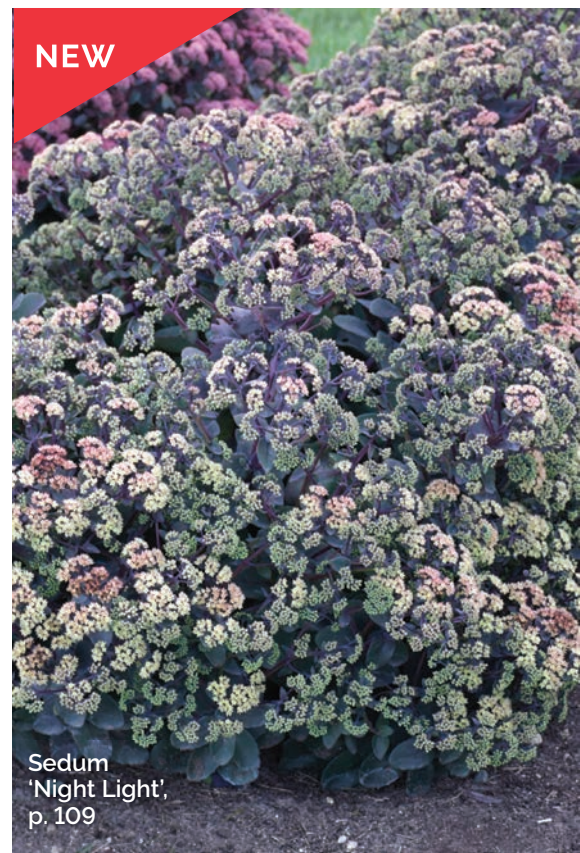
Leucanthemum 'Whoops A Daisy', page 64

NEW Nepeta 'Picture Purrfect', page 76

Phlox Garden Girls™ 'Uptown Girl', page 89

NEW Sedum 'Night Light'
and **NEW 'Strawberry Milkshake'**, page 109

NEW Veronica 'Purple Leia', page 118



MUST HAVE PERENNIALS®

TRIED & TRUSTED™

Must Have Perennials offers high-quality unrooted cuttings available exclusively through Darwin Perennials – bringing innovation to the perennial market.

We are excited to continue building on this lasting partnership. After years of rigorous trialing and testing, you can count on Must Have Perennials to provide you with only the best.

Don't miss these must-have varieties in this year's catalog:

Achillea Little Moonshine,
page 22

Centaurea 'Amethyst in Snow',
page 37

Euphorbia 'Bonfire', page 47

Leucanthemum Freak!®,
page 65

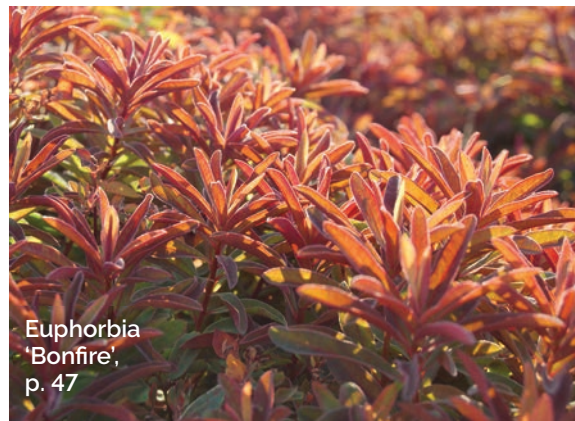
Rudbeckia 'Viette's Little Suzy',
page 95



Achillea
Little Moonshine,
p. 22



Centaurea
'Amethyst in Snow',
p. 37



Euphorbia
'Bonfire',
p. 47



Leucanthemum
Freak!,
p. 65



Rudbeckia
'Viette's Little Suzy',
p. 95



FLORENSIS

GLOBAL PARTNERS

Florensis is a breeder and young plant producer in The Netherlands, with decades of experience in the perennial marketplace.

Our long-standing partnership with Florensis allows us to broaden our network and provide the most exciting, innovative varieties on the market. Florensis has been providing professional growers with excellent plant propagation materials and solutions since 1941. We are pleased to offer a wide assortment of their top-quality varieties in this catalog.

Take a look at some of these stand-out perennials:

Achillea Milly Rock™
Series, page 23

Eupatorium Euphoria™
Ruby, page 46

Leucanthemum Ooh La™
LaGrande and 'LaSpider',
page 66

Salvia Sensation™ Medium
Deep Blue and Deep Rose,
page 100

Veronica Venice Blue,
page 116



Eupatorium
Euphoria Ruby,
p. 46

Florensis



Achillea
Milly Rock Yellow,
p. 23



Achillea
Milly Rock Red & Rose,
p. 23

DARWIN FARM – COLOMBIA

The Darwin Colombia farm is centered on sustaining and extending the quality, reliability and consistency you'd expect from Darwin Perennials. We are focused on investing in long-term growth of our infrastructure and facilities to support our customers well into the future.



Sustainability

We are proud to announce that Darwin Colombia has achieved the MPS-A+ certification, the highest level MPS offers in environmental accreditation, providing our customers with exceptional products while also reducing our environmental impact.

One example of our sustainable practices is the use of recycled water on our crops, with 70-80% of Darwin Colombia water usage being sourced from filtered rainwater collection.

People

We continue to invest in the health, safety and well-being of our employees. This means ensuring reliable transportation to and from work, providing access to healthcare, offering classrooms and coursework in English and other educational opportunities, and more. We care for our employees, and in return you will see the pride and care they put into every order.



Darwin Colombia team member with an AutoStix strip



Facilities & Construction

The addition of our new elite stock block with 2.5 acres of newly constructed, state-of-the-art greenhouses is now planted with stock plants and ready to meet the growing demand for our perennials.

We have also increased our capacity to ship unrooted and AutoStix® cuttings with the expansion of our cold room. It can now handle and sustain exact temperature-controlled maintenance of cuttings post-harvest, during packing and prior to shipment – for the best possible conditions and the highest-quality cuttings.

Innovation

Darwin Colombia has invested in launching a new callused Lavender program for 2022.

The benefits of callused cuttings are:

- Reduced crop time by up to 2 weeks
- Uniform rooting
- Less or no losses in propagation
- Better durability with less dehydration in shipping
- Less mist is required than standard URC



Callused (left) and traditional URC (right) after 12 days in propagation

The advancements at our farm ensure sustainability not just for today, but also for a successful future.

DARWIN PERENNIALS TEAM

These industry-leading perennial experts understand the challenges in the perennial marketplace and provide innovative solutions to support your growing success.



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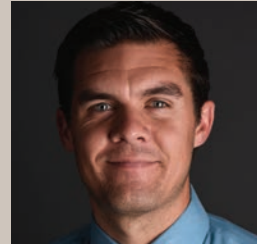
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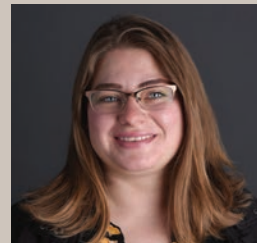
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2022 DARWIN PERENNIALS GENETICS AVAILABLE FROM LEADING PERENNIAL SUPPLIERS ACROSS NORTH AMERICA

ECHINACEA SOMBRERO® SERIES
ECHINACEA SOMBRERO POCO™ SERIES
ECHINACEA DOUBLE SCOOP™ SERIES
HEUCHERA 'BIG TOP CARAMEL APPLE'
HEUCHERA CARNIVAL SERIES

Tissue Culture

Tissue culture is a propagation method that uses plant materials in a growing medium to grow new plantlets. These plant materials are developed in a tightly controlled, sterile environment.

Benefits of this process:

- Only a small amount of plant tissue is required.
- Plants can be produced in labs all year long, and in a short amount of time.
- Labs are able to produce commercial amounts, reducing the time to market.
- TC is a good alternative for certain classes that are difficult to produce in other forms.
- New plantlets are more likely to be free of viruses and diseases due to sterile conditions.

The four stages of the process:

Stage 1 – Initiation of tissue culture.

Stage 2 – Plant is in vitro with minimal root system, similar to unrooted cuttings.

Stage 3 – Plants are in vitro and have roots. Plants must be finished off in the greenhouse.

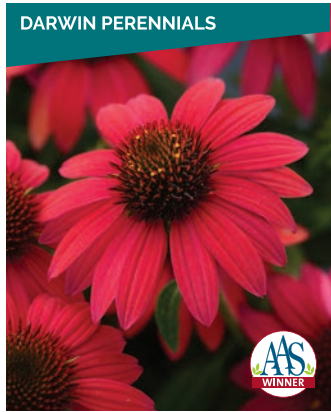
Stage 4 – Plants are hardened off in soil and ready to be transplanted.

With over a decade of experience, the Darwin Perennials team of experts has streamlined our TC processes and supply chain for your growing success. We've partnered with leading labs throughout the world to provide high-quality, reliable tissue culture for some of our most popular varieties – including one of the first perennial *All-America Selections Winners*, Echinacea Sombrero® Baja Burgundy. See pages 10-15 to view our full listing of tissue culture initiated plants.





Echinacea Sombrero Adobe Orange



Echinacea Sombrero Baja Burgundy



Echinacea Sombrero Blanco



Echinacea Sombrero Fiesta Orange



Echinacea Sombrero Flamenco Orange



Echinacea Sombrero Granada Gold



Echinacea Sombrero Lemon Yellow



Echinacea Sombrero Rosada



Echinacea Sombrero Salsa Red



Echinacea Sombrero Sangrita

BRILLIANT, RESILIENT SOMBRERO



Echinacea Sombbrero Summer Solstice



Echinacea Sombbrero Tango Tangerine



Echinacea Sombbrero Tres Amigos

ECHINACEA 
(CONEFLOWER)
Echinacea x hybrida

SOMBRERO® SERIES

DARWIN PERENNIALS

First Year Flowering

Height: 18 to 20 in. (46 to 51 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4b to 9b
Available as tissue culture-raised liners

Sombbrero's vibrant colors are matched by its exceptional Winter hardiness and excellent landscape performance.

- Highly floriferous series is naturally well-branched and compact for easy shipping.
- Excellent retail presentation, commanding a premium price.
- Well-matched in habit and timing.
- Plant Sombbrero in the Spring and sell it the same year.
- Ideal for 2.5-qt. pot size.

TOP SELLER Adobe Orange

'Balsomador' PP26,639; US7,982,110

Baja Burgundy 'Balsombabur' PP28,162; US7,982,110

Blanco 'Balsomblanc'

Fiesta Orange Bold, non-fading orange with single and semi-double characteristics. 'Balsomstor' PPAF; US7,982,110

Flamenco Orange 'Balsomenco' PP25,523; US7,982,110

Granada Gold Rich, golden yellow, non-fading color. 'Balsomold' PP30,115; US7,982,110

TOP SELLER Lemon Yellow Wide, overlapping petals and compact habit. 'Balsomemyim' PP30,116; US7,982,110

Rosada Bright rose-pink flowers with dark purple stems. Suitable for garden and cut flower use. 'Balsomrosa' PPAF; US7,982,110

TOP SELLER Salsa Red 'Balsomsed' PP23,105; US7,982,110

TOP SELLER Sangrita Scarlet-red with burgundy-red flower stems. 'Balsomanita' PP30,138; US7,982,110

Summer Solstice Bright yellow flowers with a white ring around the center cone. 'Balsomsolst' PP31,818; US7,982,110

Tango Tangerine Beautiful coral-salmon color. 'Balsomotan' PP31,844; US7,982,110

Tres Amigos Shows three colors at once! Flowers open to peachy-coral, age to rose and fade to burgundy. 'Balsomtresgo' PP30,750; US7,982,110

DARWIN PERENNIALS



Echinacea Sombbrero Poco Hot Coral

DARWIN PERENNIALS



Echinacea Sombbrero Poco Yellow

ECHINACEA 
(CONEFLOWER)
Echinacea x hybrida

SOMBRERO POCO™ SERIES

DARWIN PERENNIALS

First Year Flowering

Height: 14 to 16 in. (36 to 41 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4b to 9b
Available as tissue culture-raised liners

Sombbrero introduces a compact series featuring the same exceptional Winter hardiness, excellent branching and proven landscape performance.

- Sturdy, compact plants are covered in blooms with bright, rich colors.
- Poco is compact for better forcing and greenhouse growing performance.
- Unique, non-fading flowers last for weeks.
- Well-matched in habit and timing.
- Plant Sombbrero Poco in the Spring and sell it the same year.

Hot Coral Formerly known as Sombbrero Hot Coral, this variety fits the Sombbrero Poco series due to its compact habit. 'Balsomcor' PP23,097; US7,982,110

TOP SELLER Yellow

'Balsompocel' US7,982,110; US PAF



AT-A-GLANCE HEIGHT COMPARISON

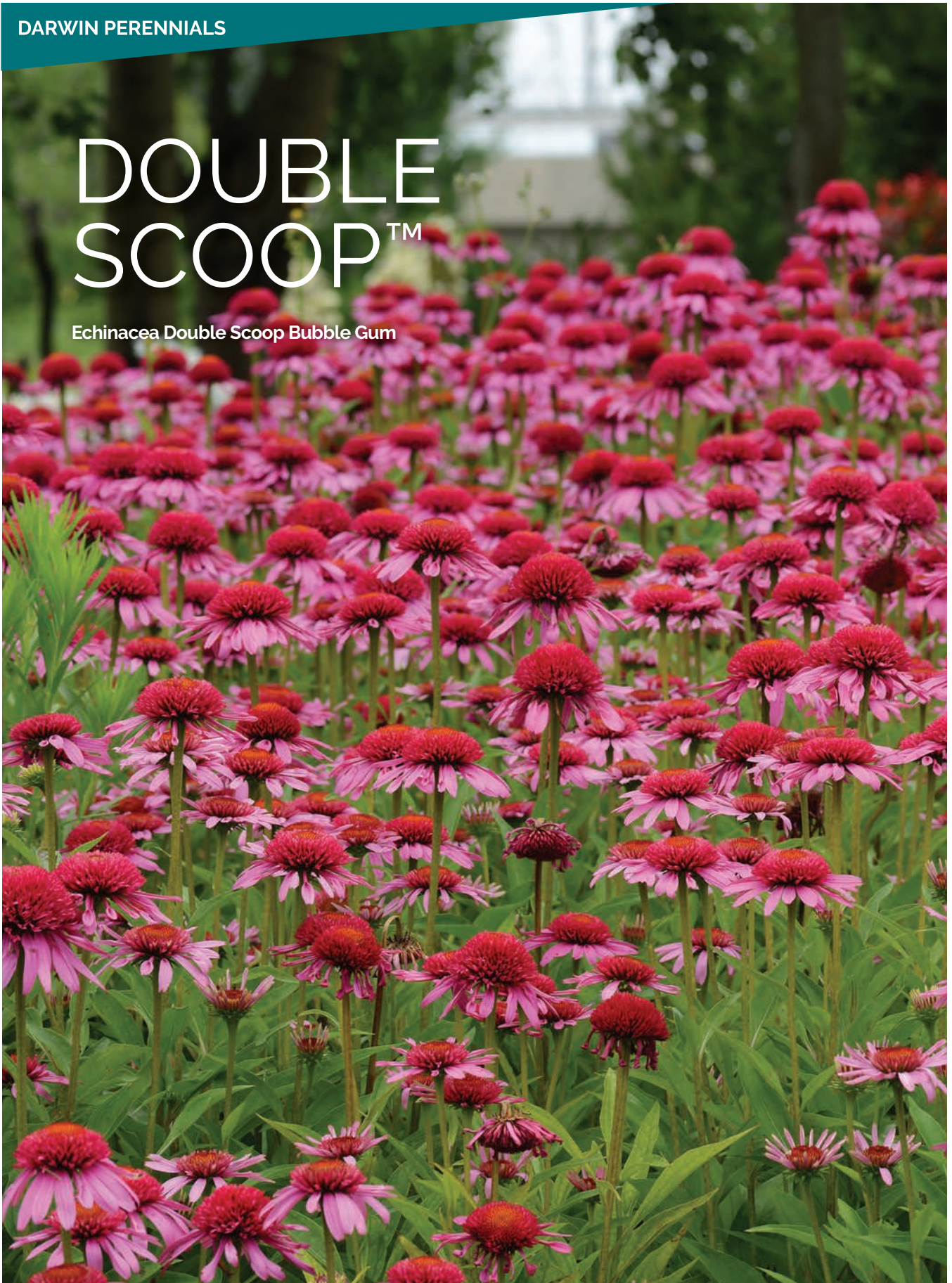


Sombbrero Poco™ Series

Sombbrero® Series

DOUBLE SCOOP™

Echinacea Double Scoop Bubble Gum



ECHINACEA DOUBLE SCOOP SHOWS MORE FLOWERS AND SUPERIOR BRANCHING AT RETAIL.



Echinacea Double Scoop Bubble Gum

ECHINACEA 
(CONEFLOWER)
Echinacea x hybrida

DOUBLE SCOOP™ SERIES

DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: June to August

USDA Hardiness Zones: 4a to 9b

Available as tissue culture-raised liners

Abundant, fully double flowers boast brilliant, non-fading color.

- Very hardy plants overwinter well and provide long-lasting garden enjoyment.
- First-rate branching for more flowers and superior show at retail.
- More compact than the competition.

Bubble Gum 'Balscblum' PP23,103; US7,982,110

TOP SELLER Cranberry

'Balscanery' PP24,769; US7,982,110

Lemon Cream 'Balsclemc' PP27,858; US7,982,110

TOP SELLER Mandarin

'Balscandin' PP26,640; US7,982,110

Orangeberry 'Balscoberr' PP23,145; US7,982,110

Raspberry 'Balsceras' PP23,117; US7,982,110



Echinacea Double Scoop Mandarin



Echinacea Double Scoop Raspberry



Echinacea Double Scoop Orangeberry



Echinacea Double Scoop Cranberry



Echinacea Double Scoop Mandarin



Echinacea Double Scoop Lemon Cream

CARNIVAL

Heuchera 'Carnival Watermelon'
Salvia 'Radio Red'
Salvia Lyrical™ White

AT-A-GLANCE HEIGHT COMPARISON

Heuchera x hybrida





Heuchera 'Carnival Black Olive'



Heuchera 'Burgundy Blast'

NEW



Heuchera 'Carnival Candy Apple'

HEUCHERA (CORAL BELLS)
Heuchera x hybrida

CARNIVAL SERIES

DARWIN PERENNIALS

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: April to May
USDA Hardiness Zones: 4a to 9b
Available as tissue culture-raised liners

Finally – outstanding, bright Heuchera that are well-matched and affordable!

- Incredible color assortment of well-matched varieties with distinct leaf venation.
- Hybrid varieties have *H. villosa* parentage for excellent heat tolerance and better garden performance.
- Series is great for 1-gal. programs and shade mixed containers.
- Mounding habits are also brilliant in Perennials landscapes.
- Carnival tissue culture-raised liners finish more quickly and uniformly.

'Carnival Black Olive'
NEW 'Carnival Burgundy Blast' Burgundy-red color.

'Carnival Candy Apple'
NEW 'Carnival Cinnamon Stick' Copper shades. PPAF

'Carnival Cocomint' PP24,927
'Carnival Coffee Bean' PP24,943

'Carnival Fall Festival'
'Carnival Limeade' PP24,899
'Carnival Peach Parfait' PP24,928

TOP SELLER 'Carnival Plum Crazy' PP24,771

TOP SELLER 'Carnival Rose Granita'

TOP SELLER 'Carnival Watermelon' PP24,803



Heuchera 'Cinnamon Stick'

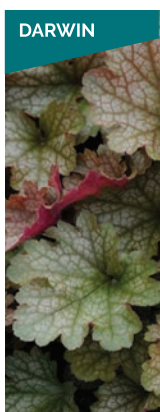
NEW



Heuchera 'Carnival Cocomint'



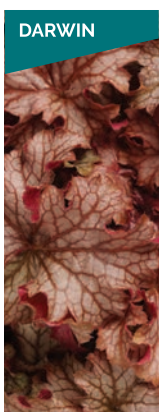
Heuchera 'Carnival Coffee Bean'



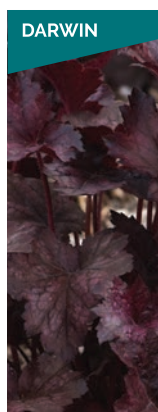
Heuchera 'Carnival Fall Festival'



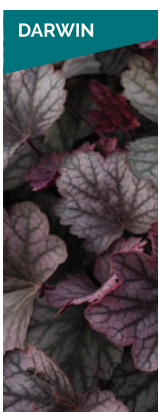
Heuchera 'Carnival Limeade'



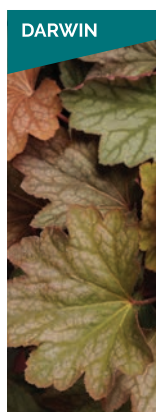
Heuchera 'Carnival Peach Parfait'



Heuchera 'Carnival Plum Crazy'



Heuchera 'Carnival Rose Granita'



Heuchera 'Carnival Watermelon'



Heuchera 'Big Top Caramel Apple'

NEW



HEUCHERA (CORAL BELLS)
Heuchera x villosa

'BIG TOP CARAMEL APPLE'

NEW FOR 2022

DARWIN PERENNIALS

Height: 16 to 18 in. (41 to 46 cm)
Bloom Months: April to May
USDA Hardiness Zones: 4a to 9a
Available as tissue culture-raised liners

PPAF

Large Heuchera delivers big performances and a carnival of color!

- New leaves emerge red-burgundy and mature to a caramel color.
- Significantly larger than the Carnival series.
- Plants size up nicely in the landscape.
- Prefers shade to part sun; can handle full sun in northern climates.
- Foliage is rabbit resistant.

2022 DARWIN PERENNIALS GENETICS AVAILABLE FROM LEADING PERENNIAL SUPPLIERS ACROSS NORTH AMERICA

DIANTHUS MOUNTAIN FROST™ COLLECTION
GRASSES:

MISCANTHUS BANDWIDTH

MISCANTHUS MY FAIR MAIDEN

PANICUM RUBY RIBBONS

On-Shore URCs & Liners

Dianthus

We are proud to partner with Green Leaf Plants – the nation's best and largest producer of Dianthus cuttings. Their many years of experience provides a reliable and consistent supply of On-Shore produced cuttings. This supply also ensures our vegetative liner network has high-quality inputs to produce high-quality liners – giving you two great options that can best fit your style of production.

Part of our On-Shore program is our tried and true Mountain Frost™ Collection, featuring nine bold colors that rebloom consistently from early Spring until Fall. Plus, these varieties require no vernalization to flower. Through our partnership with Green Leaf Plants, we are able to offer you a true perennial landscape performing Dianthus.

Grasses

We strive to provide you with the perfect solutions in perennial grasses, like non-invasive Miscanthus as well as Schizachyrium that won't fall over when in bloom while still providing interest when not in bloom. We've partnered with some of the best liner producers in North America to successfully bring these novel products to market.

Take a look at our full assortment of On-Shore products on pages 17-19.



Dianthus
Mountain Frost
Ruby Glitter

DARWIN PERENNIALS



Miscanthus Bandwidth

MISCANTHUS (JAPANESE SILVER GRASS, MAIDEN GRASS)

Miscanthus sinensis

BANDWIDTH

DARWIN PERENNIALS

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

Bloom Months: October to November

USDA Hardiness Zones: 5a to 9b

Available as a liner only

'NCMS2B' CPBR6081; PP29,460

Dwarf ornamental grass with banded foliage provides interest in the garden.

- Rust resistant and infertile, for healthy, non-invasive plants in the landscape.

MY FAIR MAIDEN

DARWIN PERENNIALS

Height: 72 to 102 in. (183 to 259 cm)

Bloom Months: October to November

USDA Hardiness Zones: 5a to 9a

Available as a liner only

'NCMS1' CPBRA1; PP26,387

A non-invasive, infertile hybrid Maiden Grass.

- Ideal for dramatic backgrounds in the landscape.

PANICUM (SWITCH GRASS)

Panicum virgatum

RUBY RIBBONS

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

Bloom Months: September to October

USDA Hardiness Zones: 4a to 9a

Available as a liner only

'RR1' PP17,944

Lovely blue-green foliage emerges in the Spring, maturing to a wine-red color by mid-Summer. The perfect accent grass for large containers and beds.

DARWIN PERENNIALS



Miscanthus My Fair Maiden

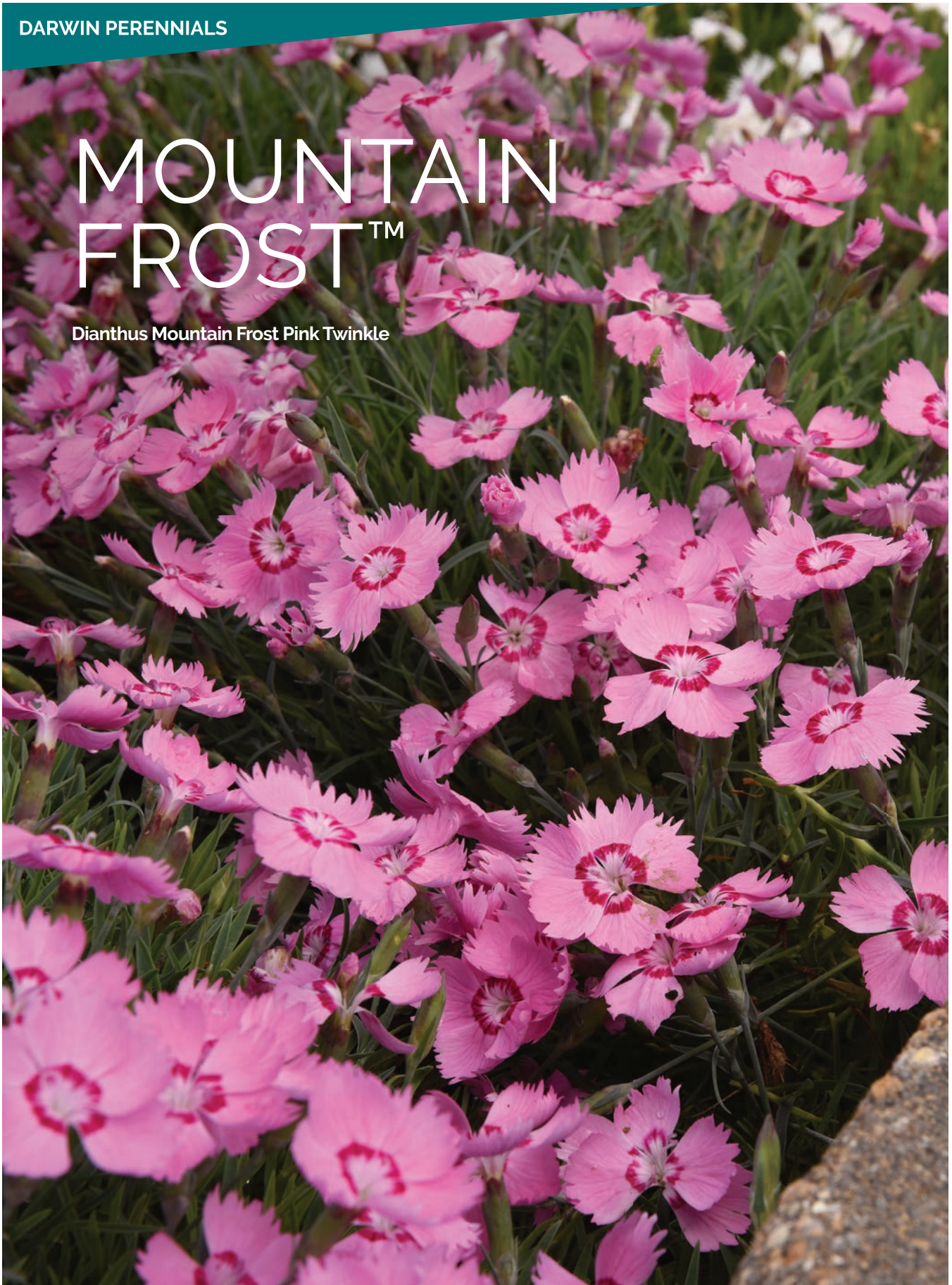


Panicum Ruby Ribbons

DARWIN PERENNIALS

MOUNTAIN FROST™

Dianthus Mountain Frost Pink Twinkle



DARWIN PERENNIALS



Dianthus Mountain Frost Ruby Snow

DIANTHUS ●
(CHINA PINKS, CHEDDAR PINKS)

Dianthus hybrida

MOUNTAIN FROST™ COLLECTION

DARWIN PERENNIALS

First Year Flowering

Height: Varies by Variety

Bloom Months: March to October

USDA Hardiness Zones: 4b to 9a

Available as URCs or liners

This standout collection will rebloom consistently from early Spring until Fall.

- Requires no vernalization to flower.
- Tolerant of rainy and wet conditions.
- Tidy, mounding habit is great for landscape borders.
- Ideal for 2.5-qt. and 1-gal. pot sizes.

Pink Carpet Height: 6 to 8 in. (15 to 20 cm) A burst of bright pink color and strong, green foliage.

'KonD1010K2' PP30,246

Pink PomPom Height: 6 to 8 in. (15 to 20 cm) Double rose-pink flowers.

'KonD1014K3' PP30,190

Pink Twinkle Height: 6 to 8 in. (15 to 20 cm) Bright, bicolor pink flowers with silvery-green foliage.

'KonD1060K3' PP30,105

Red Garnet Height: 6 to 8 in. (15 to 20 cm) Silver-blue foliage with deep red flowers that don't fade in the heat or sun.

'KonD1335K1' PP32,362

Rose Bouquet Height: 10 to 12 in. (25 to 30 cm) Extra-large, deep rose flowers with deep green foliage.

'KonD1044K2' PP30,274

Ruby Glitter Height: 6 to 8 in. (15 to 20 cm) Non-fading red blooms with cream-white blotches and silver foliage.

'KonD1400K6' PPAF

Ruby Snow Height: 6 to 8 in. (15 to 20 cm) Silver-blue foliage and white blooms with red eyes.

Flowers don't fade in the heat or sun.

'KonD1400K4' PPAF

Silver Strike Height: 8 to 10 in. (20 to 25 cm) Bright, bicolor pink flowers with silver foliage.

'KonD1039K1' PP30,079

White Twinkle Height: 5 to 6 in. (13 to 15 cm) Bright, bicolor white and pink flowers with silvery-green foliage.

'KonD1060K1' PP30,218

DARWIN PERENNIALS



Dianthus Mountain Frost Red Garnet

DARWIN PERENNIALS



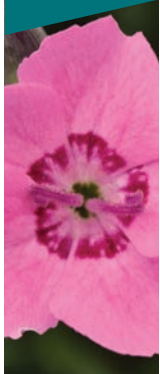
Dianthus Mountain Frost Ruby Glitter

DARWIN PERENNIALS



Dianthus Mountain Frost Ruby Snow

DARWIN



Dianthus Mountain Frost Pink Carpet

DARWIN



Dianthus Mountain Frost Pink Twinkle

DARWIN



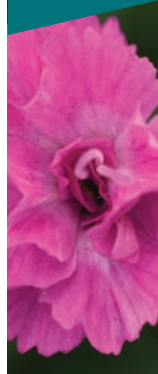
Dianthus Mountain Frost Silver Strike

DARWIN



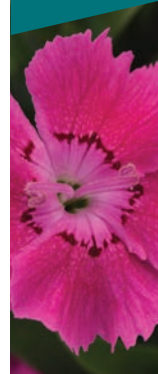
Dianthus Mountain Frost White Twinkle

DARWIN



Dianthus Mountain Frost Pink PomPom

DARWIN



Dianthus Mountain Frost Rose Bouquet

FIND MORE THAN 600
POPULAR, UNROOTED
VARIETIES FROM
DARWIN COLOMBIA IN
THIS A-Z LISTING AND
GET GROWING!

A-Z Unrooted



DARWIN PERENNIALS

NEW VINTAGE™

Achillea New Vintage Rose



ACHILLEA (YARROW)
Achillea millefolium

NEW VINTAGE™ SERIES

DARWIN PERENNIALS

First Year Flowering

Height: 12 to 14 in. (30 to 36 cm)
Bloom Months: April to September
USDA Hardiness Zones: 4a to 9b

Tidy plant habit with no gap between foliage and flowers – outstanding in containers.

- Bold colors mature to attractive shades instead of fading to brown like other varieties.
- Great for late-Spring, 1-gal. programs.

Red 'Balvinred' PP25,618

Rose 'Balvinrose' PP25,712

TOP SELLER **Violet** 'Balviolet' PP25,750

White 'Balvinwhite' PP25,711

DARWIN PERENNIALS



Achillea New Vintage Red

DARWIN PERENNIALS



Achillea New Vintage Rose

DARWIN PERENNIALS



Achillea New Vintage Violet

DARWIN PERENNIALS



Achillea New Vintage White



Achillea Little Moonshine



Achillea 'Saucy Seduction'

ACHILLEA ●
(YARROW)
Achillea

ACHILLEA ●
(YARROW)
Achillea millefolium

'CORONATION GOLD'

Height: 36 in. (91 cm)
Bloom Months: Mid-June to July
USDA Hardiness Zones: 3a to 9b

Large, deep yellow heads are excellent for drying.

'MOONSHINE'

Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4a to 8b

Bright yellow flowers over silvery foliage; wide heads come in early Summer and are slow to fade. If cut back, more leaves – and sometimes flowers – appear later.

LITTLE MOONSHINE

MUST HAVE PERENNIALS
Height: 9 to 12 in. (23 to 30 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4a to 8b
'ACBZ0002' PP28,179

Similar to 'Moonshine' but more compact, with bright golden yellow flower clusters, gray-green foliage and very early blooming.

'PAPRIKA'

Height: 24 to 30 in. (61 to 76 cm)
Bloom Months: June to September
USDA Hardiness Zones: 3a to 9b

Low, spreading plants have red blooms with yellow centers; gray-green, fern-like foliage.

SEDUCTION SERIES

MUST HAVE PERENNIALS
Height: 23 to 27 in. (58 to 69 cm)
Bloom Months: Mid-June to July
USDA Hardiness Zones: 4a to 8b

Excellent flowering uniformity with remarkably dense columnar habit.

'Saucy Seduction' PP20,782
'Strawberry Seduction' PP18,401
'Sunny Seduction' PP20,808



Achillea 'Strawberry Seduction'



Achillea 'Sunny Seduction'

MILLY ROCK™

Achillea Milly Rock Red

ACHILLEA 
(YARROW)
Achillea millefolium

MILLY ROCK™ SERIES

FLORENSIS, B.V.

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: April to September
USDA Hardiness Zones: 4a to 9a

Known for its compact, mounding habit that holds together nicely all Summer long. Plants will bloom from late-Spring until Fall. Ideal for 1-qt., 2.5-qt. and 1-gal. pot sizes.

Red 'FLORACHRE1' PP31,757

Rose 'FLORACHRO1' PP31,620

Yellow 'FLORACHYEO' PPAF

MILLY ROCK is a U.S. trademark of Florensis, B.V.



Achillea Milly Rock Red



Achillea Milly Rock Rose



Achillea Milly Rock Yellow

DARWIN PERENNIALS



Achillea Song Siren 'Layla'

ACHILLEA ●
(YARROW)
Achillea millefolium

SONG SIREN™ 'LAYLA'

DARWIN PERENNIALS

First Year Flowering

Height: 20 to 22 in. (51 to 56 cm)

Bloom Months: June to July

USDA Hardiness Zones: 4a to 9b

Color as inspired as the song it's named for!

- Rich color in a garden-height Achillea.
- Color holds up well in the garden.
- Ideal for 1 or 2-gal. Summer programs.

TUTTI FRUTTI SERIES

MUST HAVE PERENNIALS

Height: 22 to 29 in. (56 to 74 cm)

Bloom Months: Mid-June to July

USDA Hardiness Zones: 4a to 8b

Outstanding compact habit is sturdy and full, with excellent flowering uniformity.

'Apricot Delight' PP18,738

'Pink Grapefruit' PP20,741

'Pomegranate' PP20,763

DARWIN PERENNIALS



Achillea Moon Dust

ACHILLEA ●
(YARROW)
Achillea hybrida

MOON DUST

DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: June to July

USDA Hardiness Zones: 5a to 8b

'Novaachdus' PP25,838

Compact habit is perfect for containers.

- Soft yellow blooms.
- Silvery-green foliage.
- Blends well with other colors in the garden.



Achillea Tutti Frutti 'Apricot Delight'



Achillea Tutti Frutti 'Pink Grapefruit'



Achillea Tutti Frutti 'Pomegranate'



Achillea 'Sassy Summer Lemon'



Achillea 'Sassy Summer Sangria'



Achillea 'Sassy Summer Silver'



Achillea 'Sassy Summer Sunset'



Achillea 'Sassy Summer Taffy'



Achillea 'Peter Cottontail'



Agastache
'Blue Fortune'



Agastache
'Purple Haze'

ACHILLEA ●
(YARROW)
Achillea

SASSY SUMMER SERIES

WALTERS GARDENS
Height: 28 to 32 in. (71 to 81 cm)
Bloom Months: July to September
USDA Hardiness Zones: 3a to 8b

Taller, more substantial presence in the garden than other Achillea on the market.

'Sassy Summer Lemon' Bright sunny yellow flowers. PP31,693
'Sassy Summer Sangria' PP31,355
'Sassy Summer Silver' Bright yellow flowers contrast with intense silvery foliage. PP31,754
'Sassy Summer Sunset' PP31,412
'Sassy Summer Taffy' PP31,755

ACHILLEA ●
(YARROW)
Achillea ptarmica

'PETER COTTONTAIL'

WALTERS GARDENS
Height: 18 to 24 in. (46 to 61 cm)
USDA Hardiness Zones: 3a to 8b
PP31,756

Low, mounding habit with singular, white flower clusters.

ACHILLEA ●
(YARROW)
Achillea x lewisii

'KING EDWARD'

Height: 6 to 10 in. (15 to 25 cm)
Bloom Months: Mid-June to July
USDA Hardiness Zones: 3a to 8b

Pale primrose-yellow flowers over woolly foliage.

AGASTACHE ●
(MEXICAN HYSSOP)
Agastache hybrid

'BLUE FORTUNE'

Height: 24 to 36 in. (61 to 91 cm)
Bloom Months: June to September
USDA Hardiness Zones: 6a to 9b

Tall spikes of soft blue flowers with fragrant foliage.

'PURPLE HAZE'

Height: 38 in. (97 cm)
Bloom Months: June to September
USDA Hardiness Zones: 6a to 10b

Cool violet-blue flowers last into Fall.



Agastache 'Mango Tango'

AGASTACHE ●
(ANISE HYSSOP)
Agastache aurantiaca

'MANGO TANGO'

WALTERS GARDENS

Height: 16 to 18 in. (41 to 46 cm)
Bloom Months: August
USDA Hardiness Zones: 6a to 9b
Available as a liner only
PP28.747

Selected for its compact habit and vibrant flower color. Overall, the plant has a rich, mango-orange color. Individual flowers have dusky rose calyxes and light peach to dusky orange flowers. A deeper shade of orange than 'Peachie Keen'. Flowers cover the top three-quarters of the plant.



Agastache 'Peachie Keen'

AGASTACHE ●
(ANISE HYSSOP)
Agastache rupestris

'PEACHIE KEEN'

WALTERS GARDENS

Height: 20 to 24 in. (51 to 61 cm)
Bloom Months: August
USDA Hardiness Zones: 6a to 9b
Available as a liner only
PP25.886

Densely compact, rounded clump of aromatic, bright green foliage is topped with loads of apricot-peach flowers with complementary purplish-pink calyxes. Flowers for many months beginning in mid-Summer (earlier in warmer zones). Easy to grow.

'ROSIE POSIE'

WALTERS GARDENS

Height: 18 to 22 in. (46 to 56 cm)
Bloom Months: August
USDA Hardiness Zones: 6a to 9b
Available as a liner only
PP25.857

TOP SELLER Densely compact, rounded clump of aromatic, bright green foliage is topped with loads of hot pink flowers with magenta-purple calyxes. Flowers for many months beginning in mid-Summer (earlier in warmer zones). Easy to grow.



Agastache 'Rosie Posie'

DARWIN PERENNIALS

LITTLE ADDER

AGASTACHE 
(ANISE HYSSOP)
Agastache rugosa

'LITTLE ADDER'

DARWIN PERENNIALS

First Year Flowering

Height: 15 to 18 in. (38 to 46 cm)

Bloom Months: April to September

USDA Hardiness Zones: 5a to 9b

PP26,514

Three times the blooms of 'Black Adder' for three times the flower power.

- This mint family member is an outstanding source of nectar for bees and butterflies.
- Half the height of 'Black Adder' or 'Blue Fortune,' with better branching.
- Great show at retail and in the garden for better sell-through and repeat sales.



Agastache 'Little Adder'



Ajuga 'Metallica Crispa'



Ajuga 'Burgundy Glow'



Ajuga 'Bronze Beauty'



Ajuga 'Cattlin's Giant'



Ajuga 'Mahogany'

AJUGA ●●
(BUGLEWEED)
Ajuga pyramidalis

'METALLICA CRISPA'

Height: 6 in. (15 cm)
Bloom Months: May to June
USDA Hardiness Zones: 3a to 9b

Blue flowers on cushions of curled, purple-bronze leaves with a metallic sheen.

AJUGA ●●
(BUGLEWEED)
Ajuga reptans

'BLACK SCALLOP'

PLANTHAVEN INT'L, INC.
Height: 6 in. (15 cm)
Bloom Months: May to June
USDA Hardiness Zones: 4a to 8b
PP15,815

Compact habit shows off shiny, nearly black leaves with neat, scalloped edges and violet-blue flowers.

'BRONZE BEAUTY'

Height: 8 in. (20 cm)
Bloom Months: May to June
USDA Hardiness Zones: 3a to 9b

Deep bronze foliage topped by blue flower spikes.

'BURGUNDY GLOW'

Height: 3 to 6 in. (8 to 15 cm)
Bloom Months: May to June
USDA Hardiness Zones: 3a to 9b

Blue flowers on pink and silver variegated leaves splashed with purple.

'CATLIN'S GIANT'

Height: 8 to 10 in. (20 to 25 cm)
Bloom Months: May to June
USDA Hardiness Zones: 3a to 9b

Robust grower with bold leaves and large, dark purple flowers.

'MAHOGANY'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: May to June
USDA Hardiness Zones: 3a to 9b

Dark burgundy to black foliage with bright blue flowers.

'SILVER QUEEN'

Height: 6 in. (15 cm)
Bloom Months: May to June
USDA Hardiness Zones: 3a to 9b

Blue flower spikes over white and green variegated leaves.

AJUGA ●●
(BUGLEWEED)
Ajuga x tenorii

'CHOCOLATE CHIP'

Height: 4 in. (10 cm)
Bloom Months: May to June
USDA Hardiness Zones: 3a to 9b
'Valfredda'

Dwarf form with narrow, chocolate-colored leaves and blue flowers.



Ajuga 'Silver Queen'



Ajuga Chocolate Chip

GOLDEN SPRING

ALYSSUM ●
Alyssum wulfenianum

'GOLDEN SPRING'

DARWIN PERENNIALS

Vernalization Required

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

Bloom Months: April to May

USDA Hardiness Zones: 4a to 9b

CPBR5491; PP25,710

Exciting season extender brings a fresh class of "WOW" to the early-Spring flowering group.

- The first vegetative Alyssum of this species, with the largest flowers of its class.
- Easy-to-grow, heat-loving, pest-free, hardy perennial.
- Evergreen foliage.



Alyssum 'Golden Spring'

DARWIN PERENNIALS

SUNFERN™



NEW

Artemisia SunFern Arcadia

ARTEMISIA 
(RUSSIAN WORMWOOD)
Artemisia gmelinii

**SUNFERN™
COLLECTION**

NEW FOR 2022

DARWIN PERENNIALS

Height: 14 to 18 in. (36 to 46 cm)
Bloom Months: Non-flowering
USDA Hardiness Zones: 4a to 9a
Available as a liner only

SunFern is a novel collection with fern-like texture that resembles an evergreen shrub – the perfect accent plant.

- This unique herbaceous perennial works as a companion plant in containers or as an accent plant in the landscape.
- Plants are non-invasive and won't spread.
- Low-maintenance, drought-tolerant, Zone-4 hardy Artemisia.
- SunFern features fern-like textures that thrive in sunny locations.

Arcadia Features medium green leaves. 'Balfernarc' PPAF
Olympia Dark green leaves with red stems. 'Balfernlym' PPAF

DARWIN PERENNIALS



NEW

Artemisia SunFern Olympia

DARWIN PERENNIALS



NEW

Artemisia SunFern Arcadia

DARWIN PERENNIALS



NEW

Artemisia SunFern Olympia



Aster 'Grape Crush'



Aster 'Pink Crush'



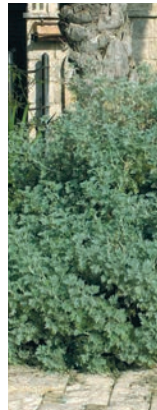
Artemisia
'Powis Castle'



Artemisia
'Silver Mound'



Artemisia
'Silver Brocade'



Artemisia
French Tarragon



Amsonia 'Blue Ice'



Aster 'Purple Dome'



Aster 'Moench'

ARTEMISIA ●
(WORMWOOD)

Artemisia arborescens

'POWIS CASTLE'

Height: 24 to 30 in. (61 to 76 cm)
Bloom Months: July
USDA Hardiness Zones: 5a to 9b

Features fine-textured, lacy silver foliage spikes that grow mounded and upright.

ARTEMISIA ●
(WORMWOOD)

Artemisia schmidtiana

'SILVER MOUND'

Height: 6 to 12 in. (15 to 30 cm)
Bloom Months: July
USDA Hardiness Zones: 3a to 8b

Compact, mounded plants have soft, silvery-gray foliage and small, yellow blooms.

ARTEMISIA ●
(WORMWOOD)

Artemisia stelleriana

'SILVER BROCADE'

Height: 8 to 10 in. (20 to 25 cm)
Bloom Months: July
USDA Hardiness Zones: 3a to 8b

Silvery foliage resembles Dusty Miller; outstanding for rock gardens and edging.

ARTEMISIA ●
(WORMWOOD)

Artemisia dracunculus sativa

FRENCH TARRAGON

Height: 16 to 24 in. (41 to 61 cm)
USDA Hardiness Zones: 4a to 9b

This true French Tarragon brings a distinct anise scent to perennial and herb gardens.

AMSONIA ●●
(BLUE STAR)

Amsonia x hybrida

'BLUE ICE'

Height: 16 in. (41 cm)
Bloom Months: May to June
USDA Hardiness Zones: 4a to 9b

Starry, blue blooms against narrow, bright green leaves that turn yellow in Fall.

ASTER ●
(NEW ENGLAND ASTER)

Aster novae-angliae

'GRAPE CRUSH'

WALTERS GARDENS
Height: 26 to 30 in. (66 to 76 cm)
Bloom Months: August to November
USDA Hardiness Zones: 3a to 8b
PPAF

Bringing refinement to Fall-blooming Asters, 'Grape Crush' produces a large, very round mound of densely packed flowers.

'PINK CRUSH'

WALTERS GARDENS

Height: 20 to 24 in. (51 to 61 cm)
Bloom Months: August to November
USDA Hardiness Zones: 3a to 8b
PPAF

'Pink Crush' produces a large, very round mound of densely packed flowers, bringing a refined look to Fall-blooming Asters.

'PURPLE DOME'

Height: 20 in. (51 cm)
Bloom Months: August to October
USDA Hardiness Zones: 4a to 9b

Solid masses of purple flowers with yellow centers.

ASTER ●

Aster x frikartii

'MOENCH'

Height: 24 in. (61 cm)
Bloom Months: August to September
USDA Hardiness Zones: 4a to 8b

Deep blue flowers measure 2.5 in. (6 cm).

DARWIN PERENNIALS

DREAMERIA®

Armeria Dreameria 'Dream Clouds'



ARMERIA (THRIFT, SEA PINKS)
Armeria pseudarmeria

DREAMERIA® SERIES

DARWIN PERENNIALS

First Year Flowering

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: March to October
USDA Hardiness Zones: 5a to 9a

The Dreameria series offers entirely new and unique breeding for the Armeria class.

- Dreameria moves the genus from strictly early-Spring and late-Fall, cool-season perennial to season-long flowering.
- Heat tolerant.
- Tidy habit is perfect for landscape and patio containers.

- TOP SELLER 'Daydream'** Shows bright pink flowers from Spring until Fall. PP29,381
- 'Dream Clouds'** Beautiful, pure-white variety provides nice accent color in Dreameria combos. PPAF
- 'Dream Weaver'** A deep rose-pink color. PP30,600
- 'Dreamland'** A dark salmon bloom. PP30,601
- 'Sweet Dreams'** Attractive lavender-mauve flowers. PP29,612

DREAMERIA is a registered trademark of Plants Management Australia. Image courtesy of Plants Management Australia www.pma.com.au

DARWIN PERENNIALS



Armeria Dreameria 'Dream Clouds'

DARWIN PERENNIALS



Armeria Dreameria 'Daydream'

DARWIN PERENNIALS



Armeria Dreameria 'Dream Weaver'

DARWIN PERENNIALS



Armeria Dreameria 'Dreamland'

DARWIN PERENNIALS



Armeria Dreameria 'Sweet Dreams'



Buddleia Humdinger 'Lavender Cupcake'



Buddleia Humdinger 'Little Angel'



Buddleia Humdinger 'Magenta Munchkin'



Buddleia Humdinger 'Orchid Annie'



Buddleia Buzz
Hot Raspberry



Buddleia Buzz
Midnight



Buddleia Buzz
Sky Blue



Buddleia Buzz
Velvet

ARMERIA ●
(THRIFT, SEA PINKS)
Armeria maritima

'RUBRIFOLIA'

Height: 4 in. (10 cm)
Bloom Months: May to July
USDA Hardiness Zones: 4a to 8b

Pink, globe flowers over thin, green foliage that turns red-purple in Fall.

BUDDLEIA ●
(BUTTERFLY BUSH)
Buddleia davidii

'BLACK KNIGHT'

Height: 84 in. (213 cm)
Bloom Months: July to September
USDA Hardiness Zones: 6a to 9b

Deep blue-black flowers and silvery foliage.

BUZZ™ SERIES

PLANTHAVEN INT'L, INC.

Height: 30 to 60 in. (76 to 152 cm)
Bloom Months: July to September
USDA Hardiness Zones: 5a to 9b

Long-blooming series is suitable for gallon pots and smaller garden spaces.

Hot Raspberry 'Tobud1202'
Midnight 'TOBUDMIDNI'
Sky Blue 'TOBUD0615' PP23,461
Velvet 'TOBUD0703' PP23,462

BUZZ is a U.S. trademark of Branded Garden Products Ltd.

HUMDINGER® SERIES

WALTERS GARDENS

Height: 30 to 48 in. (76 to 122 cm)
Bloom Months: August
USDA Hardiness Zones: 5a to 10b

This butterfly bush fits easily into smaller gardens because of its compact, rounded habit. Flowers for many weeks, beginning in late Summer with good flower coverage. Secondary blooms will extend the flowering season.

'Lavender Cupcake' Extremely long, 12-in. (30-cm), light lavender-purple flower panicles. PP28.221
'Little Angel' Very long, 10 to 12-in. (25 to 30-cm), pure white flower panicles. PP28.204
'Magenta Munchkin' Bold, 7 to 8-in. (18 to 20-cm), fuchsia-red flowers have lighter, eye-type centers. PP28.177
'Orchid Annie' Soft, 8-in. (20-cm), orchid-purple flower panicles. PP28.176

HUMDINGER is a U.S. registered trademark of Walters Gardens.

DARWIN PERENNIALS

NEW

BUDDLEIA  (BUTTERFLY BUSH)
Buddleia davidii

CHRYSALIS™ SERIES

NEW FOR 2022
DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: March to October

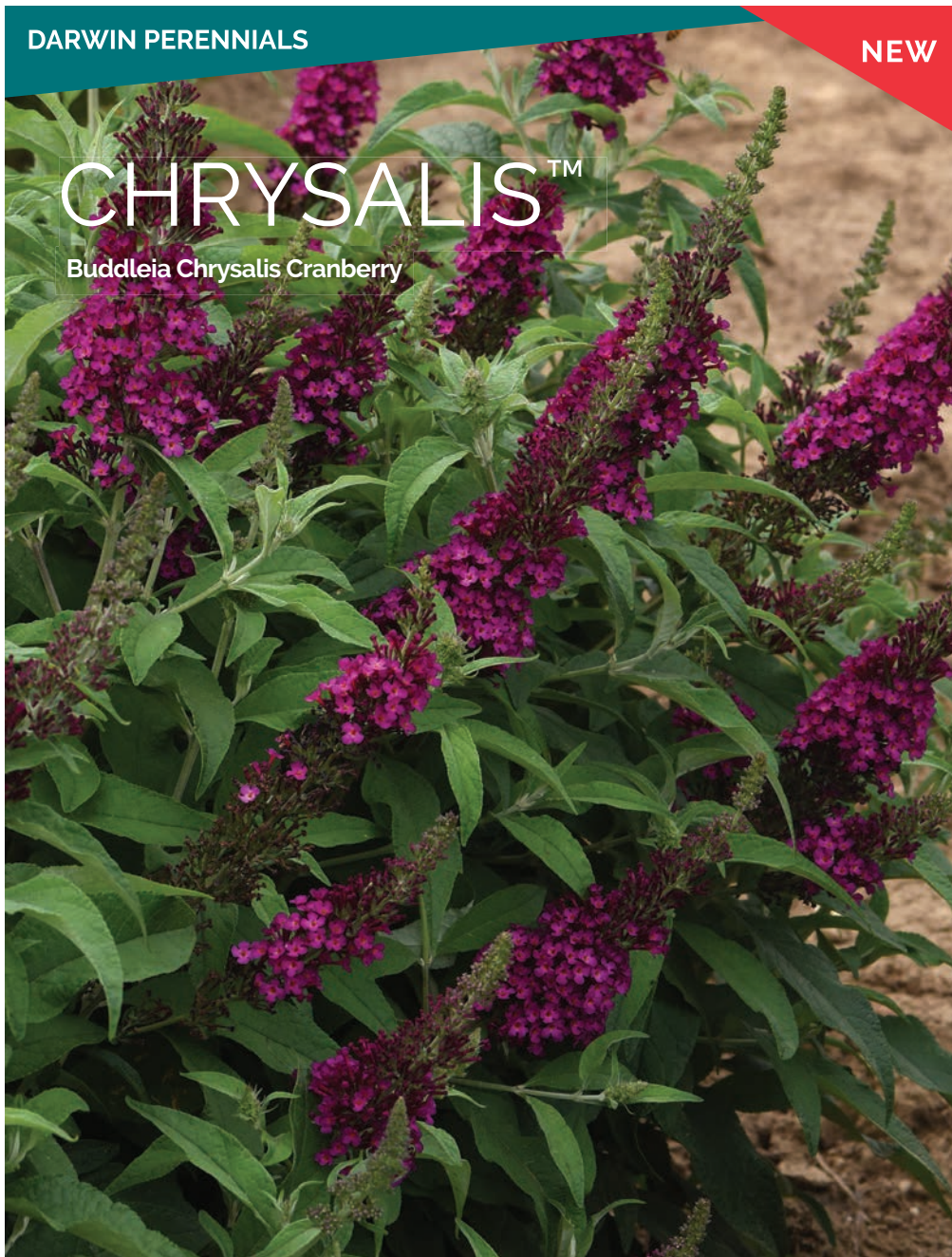
USDA Hardiness Zones: 5a to 9a

Available as a liner only

Compact Chrysalis features an abundance of flowers and continuous blooming!

- Bred and selected for its profusion of flowers that attract butterflies.
- Compact series provides continuous blooming from Spring through late Summer.
- Root hardy to USDA Zone 5 and stem hardy in warmer locations.
- Tolerant of rain and has a high drought tolerance once established.
- Downy mildew resistant.

- Blue** 'Balchrylu' PPAF
- Cranberry** 'Balchryran' PPAF
- Pink** 'Balchryink' PPAF
- Purple** 'Balchryurp' PPAF
- White** 'Balchryite' PPAF



CHRYSALIS™

Buddleia Chrysalis Cranberry

DARWIN PERENNIALS



NEW

Buddleia Chrysalis Cranberry

DARWIN PERENNIALS



NEW

Buddleia Chrysalis Blue

DARWIN PERENNIALS



NEW

Buddleia Chrysalis Pink

DARWIN PERENNIALS



NEW

Buddleia Chrysalis Purple

DARWIN PERENNIALS



NEW

Buddleia Chrysalis White



Buddleia Monarch 'Princess Pink'



Buddleia Monarch 'Blue Knight'



Buddleia Monarch 'Crown Jewels'



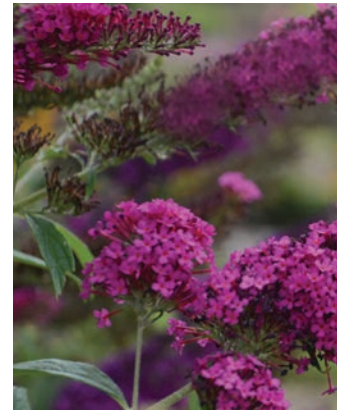
Buddleia Monarch 'Dark Dynasty'



Buddleia Monarch 'Glass Slippers'



Buddleia Monarch 'Prince Charming'



Buddleia Monarch 'Queen of Hearts'



Buddleia 'Lilac Cascade'



Buddleia 'Pink Cascade'

Buddleia (BUTTERFLY BUSH)

Buddleia davidii

MONARCH® SERIES

WALTERS GARDENS

Height: 60 in. (152 cm)

Bloom Months: August to September

USDA Hardiness Zones: 5a to 10b

Gorgeous butterfly bush produces incredibly long, 10 to 12-in. (25 to 30-cm) panicles of colorful blossoms, a favorite of Monarch butterflies. Incredible flower coverage on its dense clump of leaves.

'Blue Knight' Outward-facing flower panicles open light lavender-purple and deepen to blue-purple with age, over minty green leaves. PP28,178

'Crown Jewels' Magenta-purple flowers. PP27,878

'Dark Dynasty' Rich, royal purple, fragrant flowers. PP27,834

'Glass Slippers' Silvery-green foliage and icy, periwinkle-blue blossoms. PP27,832

'Prince Charming' Bright cerise-pink flower spikes. PP28,903

'Princess Pink' Light appleblossom-pink flower panicles are produced above a round habit of medium green foliage. PPAF

'Queen of Hearts' Vibrant magenta-red blossoms. PP27,987

MONARCH is a U.S. registered trademark of Walters Gardens.

'LILAC CASCADE'

WALTERS GARDENS

Height: 60 to 66 in. (152 to 168 cm)

Bloom Months: August to November

USDA Hardiness Zones: 5a to 10b

PPAF

The habit of this butterfly bush has panicles that cascade downward like a waterfall. Features 12 to 18-in. (30 to 46-cm), huge, puffy panicles of pale lilac flowers.

Buddleia (BUTTERFLY BUSH)

Buddleia hybrida

'PINK CASCADE'

WALTERS GARDENS

Height: 60 to 66 in. (152 to 168 cm)

Bloom Months: September to October

USDA Hardiness Zones: 5a to 10b

PP30,711

Light appleblossom-pink flower panicles cascade downward to form an arching, weeping look.



NEW

Buddleia 'Gold Drop'



NEW

Buddleia 'Violet Cascade'



Buddleia 'Grand Cascade'



Campanula 'Delft Teacups'

BUDDLEIA ●
(BUTTERFLY BUSH)

Buddleia hybrida

'GOLD DROP'

NEW FOR 2022

WALTERS GARDENS

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

Bloom Months: July to September

USDA Hardiness Zones: 5a to 10b

PPAF

Prized for its compact habit and shorter stature. Purple flower panicles are produced all over the dense habit of golden foliage.

'VIOLET CASCADE'

NEW FOR 2022

WALTERS GARDENS

Height: 48 to 54 in. (122 to 137 cm)

Bloom Months: August to September

USDA Hardiness Zones: 5a to 10b

PPAF

Deep purple flowers on a cascading habit similar to other Buddleia Cascade varieties. Plus, it has passed four years of sterility testing with no seed set.

'GRAND CASCADE'

WALTERS GARDENS

Height: 66 to 72 in. (168 to 183 cm)

Bloom Months: September to October

USDA Hardiness Zones: 5a to 10b

PP30.868

Enormous, cascading, light lavender-purple flowers with substantial presence in the garden.

CAMPANULA ●
(CARPATHIAN BELLFLOWER)

Campanula carpatica

'DELFT TEACUPS'

WALTERS GARDENS

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

Bloom Months: June to August

USDA Hardiness Zones: 3a to 8b

PP31.574

A shorter plant for the front of borders with blue and white bicolor, cup-shaped flowers.

'VIOLET TEACUPS'

WALTERS GARDENS

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

Bloom Months: June to August

USDA Hardiness Zones: 3a to 8b

PPAF

A shorter plant for the front of borders with violet-purple, cup-shaped flowers.

CAMPANULA ●
(BELLFLOWER)

Campanula garganica

'DICKSON'S GOLD'

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

Bloom Months: May to July

USDA Hardiness Zones: 4a to 9b

Blue, star-shaped flowers on golden foliage.



Campanula 'Violet Teacups'



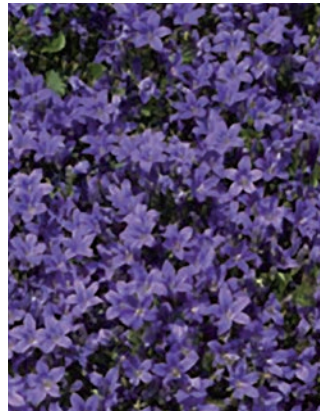
Campanula Blue Waterfall



Centaurea 'Amethyst Dream'



Centaurea 'Amethyst in Snow'



Campanula 'Birch Hybrid'



Campanula 'Port Plus'

CAMPANULA ●
(BELLFLOWER)
Campanula portenschlagiana

'BIRCH HYBRID'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4a to 7b

A dwarf form with pale blue flowers.

'PORT PLUS'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4a to 7b

The main characteristic of this cultivar is its compact habit compared to other selections. It remains compact and the spread fits well in containers.

CAMPANULA ●●
(BELLFLOWER)
Campanula poscharskyana

BLUE WATERFALL

MUST HAVE PERENNIALS
Height: 8 in. (20 cm)
Bloom Months: May to July
USDA Hardiness Zones: 4a to 9b
'Camgood' PP13,161

Low-growing, vigorous, spreading habit with some repeat blooming in Fall; excellent in containers and baskets.

CENTAUREA ●
(CORNFLOWER)
Centaurea montana

'AMETHYST DREAM'

MUST HAVE PERENNIALS
Height: 20 in. (51 cm)
Bloom Months: June to July
USDA Hardiness Zones: 3a to 9b
PP20,781

Unique "shingled" buds grow into showy, radiant, royal-purple blooms accented by softly-haired, silver foliage.

'AMETHYST IN SNOW'

MUST HAVE PERENNIALS
Height: 14 in. (36 cm)
Bloom Months: June to July
USDA Hardiness Zones: 3a to 9b
PP18,284

Lovely bicolor blooms in a striking new flower form with dense masses of silvery-green foliage.

CARYOPTERIS ●
(BLUEBEARD)
Caryopteris clandonensis

'DARK KNIGHT'

Height: 24 to 36 in. (61 to 91 cm)
Bloom Months: July to September
USDA Hardiness Zones: 6a to 9b

Purple flowers complement dark green foliage.

CARYOPTERIS (BLUEBEARD)

Caryopteris x clandonensis

'GOLD CREST'

DARWIN PERENNIALS

First Year Flowering

Height: 28 to 36 in. (71 to 91 cm)

Bloom Months: August to October

USDA Hardiness Zones: 6a to 9a

PP32,310

Colors will not fade in intense sunlight!

- Shows beautiful golden foliage in Spring and Summer, accented by blue flowers in late Summer and Fall.
- Features a mounded habit and broad leaves.
- Ideal for 2.5-qt. pot size.



Caryopteris 'Gold Crest'

GRAND BLEU®

DARWIN PERENNIALS

First Year Flowering

Height: 48 in. (122 cm)

Bloom Months: August to October

USDA Hardiness Zones: 6a to 9b

'Inoveris' PP17,837

One of the best blue Caryopteris on the market.

- Deep purple-blue flower clusters.
- Compact, upright plant habit.
- Blooms until first frost.



Caryopteris Grand Bleu



Coreopsis 'Golden Stardust'



Coreopsis 'Electric Sunshine'



Cerastostigma plumbaginoides

CERATOSTIGMA (LEADWORT)

Cerastostigma plumbaginoides

Height: 8 to 12 in. (20 to 30 cm)
Bloom Months: April to September
USDA Hardiness Zones: 5a to 8b

Small blue flowers over shiny green foliage that turns bronzed-red in Fall.

CHRYSOGONUM (GREEN & GOLD)

Chrysogonum virginianum

'PIERRE'

Height: 6 in. (15 cm)
Bloom Months: May
USDA Hardiness Zones: 5a to 9b

Yellow daisy flowers on soft green foliage clumps.



Chrysogonum 'Pierre'

COREOPSIS (TICKSEED)

Coreopsis auriculata

'NANA'

Height: 9 in. (23 cm)
Bloom Months: April to June
USDA Hardiness Zones: 3a to 9b

Small, daisylike flowers in brilliant orange-yellow on bushy plants with large, rounded, dark green, evergreen foliage.

COREOPSIS (TICKSEED)

Coreopsis rosea

'AMERICAN DREAM'

Height: 9 to 15 in. (23 to 38 cm)
Bloom Months: June to July
USDA Hardiness Zones: 3a to 9b

Fine, dark green foliage sprinkled with rose-pink flowers.



Coreopsis 'American Dream'

COREOPSIS (TICKSEED)

Coreopsis hybrida

'ELECTRIC SUNSHINE'

DARWIN PERENNIALS

First Year Flowering
Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: June to November
USDA Hardiness Zones: 8a to 9a
 PP30,975

Beautiful Coreopsis is a real stunner in the garden.

- Flowers beautifully from Spring until late Fall in a nonstop display of color.
- Self-branching, with excellent vigor.
- Use as a tender perennial in the South and an annual in the North.
- Doesn't require cleaning or cutback to flower.



Coreopsis Solanna Golden Sphere

'GOLDEN STARDUST'

DARWIN PERENNIALS

First Year Flowering
Height: 12 to 14 in. (30 to 36 cm)
Bloom Months: March to November
USDA Hardiness Zones: 5a to 9b
 PP30,770

This Coreopsis is carefree and easy to grow!

- Produces abundant, star-shaped flowers throughout the growing season.
- Self-branching.
- Mildew resistant.
- Excellent heat tolerance.

SOLANNA™ GOLDEN SPHERE

DANZIGER "DAN" FLOWER FARMS

Height: 8 in. (20 cm)
Bloom Months: May to September
USDA Hardiness Zones: 5a to 9b
 'DECOREO16' PP25,241

Bright yellow, fully double flowers on a compact habit with lance-shaped foliage.

SOLANNA is a U.S. trademark of Danziger "Dan" Flower Farms.

SUPER STAR



Coreopsis 'Super Star' (top).
'Golden Stardust' (bottom)

Coreopsis 'Super Star'

COREOPSIS (TICKSEED)

Coreopsis hybrida

'SUPER STAR'

DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: March to November

USDA Hardiness Zones: 5a to 9a

PP30,805

Largest flowers – 2.5 to 3 in. (6 to 8 cm) – of any Coreopsis on the market.

- Similar habit and garden performance to UpTick™.
- Mildew resistant.

DARWIN PERENNIALS

UPTICK™

NEW Coreopsis UpTick Red



Coreopsis UpTick Yellow & Red

COREOPSIS (TICKSEED)
Coreopsis hybrida

UPTICK™ SERIES

DARWIN PERENNIALS

First Year Flowering

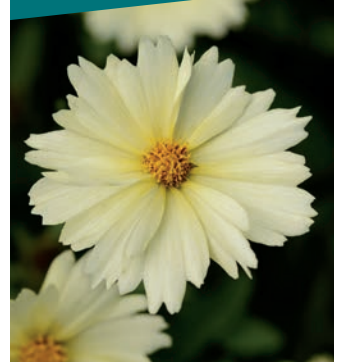
Height: 12 to 14 in. (30 to 36 cm)
Bloom Months: March to November
USDA Hardiness Zones: 5a to 9b
Available as a liner only

Easy-to-finish series has bigger flowers and longer blooming for more color at retail and in the garden.

- Tidy, mounded habit is easier to ship and shows better at retail.
- Keeps its shape – and color – in the landscape all Summer long.
- Cream is a clean, creamy white that's much sought-after for landscape design.
- Low maintenance and very mildew resistant.

Cream 'Balupteam' PP28,964
Cream & Red 'Balupteamed' PP28,866
TOP SELLER Gold & Bronze 'Baluptgonz' PP28,882
NEW Red Nearly fully red in Spring; red with yellow petal tips in Summer. Mounded habit is similar to Yellow & Red. 'Baluptred' PPAF
TOP SELLER Yellow & Red 'Baluptowed' PP28,865

DARWIN PERENNIALS



Coreopsis UpTick Cream

DARWIN PERENNIALS



Coreopsis UpTick Cream & Red

DARWIN PERENNIALS



Coreopsis UpTick Gold & Bronze

DARWIN PERENNIALS



Coreopsis UpTick Red

DARWIN PERENNIALS



Coreopsis UpTick Yellow & Red



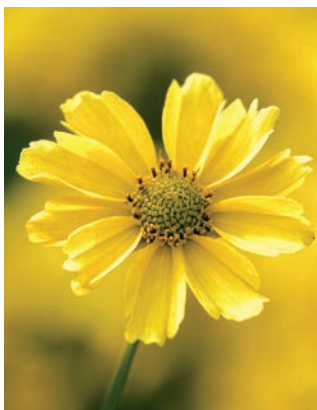
Coreopsis Sunny Day



Coreopsis Crème Caramel



Coreopsis 'Sylvester'



Coreopsis 'Crème Brulee'



Coreopsis 'Zagreb'

COREOPSIS (TICKSEED) ●
Coreopsis grandiflora

SUNNY DAY

DARWIN PERENNIALS

First Year Flowering
Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4a to 9b
'Balcorsunay' PP17,405

Excellent choice to brighten borders and containers.

- Lots of big, bright, single yellow blooms on compact plants.
- Remove spent flowers to encourage reblooming.
- North American native species.

COREOPSIS (TICKSEED) ●
Coreopsis verticillata

'CRÈME BRULEE'

MUST HAVE PERENNIALS

Height: 20 in. (51 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 9b
PP16,096

Larger, deeper yellow flowers and greater vigor than 'Moonbeam', with brighter foliage and better powdery mildew resistance.

CRÈME CARAMEL
DARWIN PERENNIALS

First Year Flowering
Height: 18 in. (46 cm)
Bloom Months: May to July
USDA Hardiness Zones: 5a to 9b
'Novcorcar' PP22,565

Equally at home in mass plantings or containers.

- Terracotta-colored blooms and narrow, bright green foliage.
- Mixes well with other perennials and roses.
- Compact and dense habit.

'MOONBEAM'

Height: 15 to 18 in. (38 to 46 cm)
Bloom Months: June to July
USDA Hardiness Zones: 3a to 9b

Small, lemon yellow flowers on bushy plants with dark green foliage.

'SYLVESTER'
DARWIN PERENNIALS

First Year Flowering
Height: 16 to 20 in. (41 to 51 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4a to 9b
PP24,767

Stays in place in the landscape.

- Fuller plants can be finished from first-year cuttings.
- Bright, golden yellow blooms are twice the size of other *C. verticillata*.
- Perfect for gallon programs.

'ZAGREB'

Height: 16 to 24 in. (41 to 61 cm)
Bloom Months: June to July
USDA Hardiness Zones: 3a to 9b

Upright, bushy plants bear deep golden yellow flowers.



Coreopsis Sizzle & Spice 'Crazy Cayenne'



Coreopsis Sizzle & Spice 'Curry Up'



Coreopsis Sizzle & Spice 'Red Hot Vanilla'



Coreopsis Sizzle & Spice 'Hot Paprika'



Coreopsis Sizzle & Spice 'Sassy Saffron'



Coreopsis Sizzle & Spice 'Zesty Zinger'



Coriander Vietnamese



Delosperma Red Mountain Flame

Delosperma cooperi

© The John Henry Company

SIZZLE & SPICE® SERIES

WALTERS GARDENS

Height: 15 to 18 in. (38 to 46 cm)

Bloom Months: July

USDA Hardiness Zones: 5a to 9b

Heat up your Summer garden with this easy-care, hardy perennial with threadleaf foliage. Adds a bright spot of color all Summer long.

'Crazy Cayenne' Fiery sunset-orange flowers with red-orange concentrated at the centers cover the gray-green foliage. PPAF

'Curry Up' Golden yellow flowers with clear, dark red eyes over bright green foliage. PP28,521

'Hot Paprika' Rich, deep red flowers and bright green foliage. PP28,522

'Red Hot Vanilla' Cream flowers with a dark red central eye that covers most of the flower as it ages. PP30,909

'Sassy Saffron' PP31,393

'Zesty Zinger' Light ivory flowers have pronounced dark magenta centers and cover the bright green foliage. PP29,921

SIZZLE & SPICE is a U.S. registered trademark of Walters Gardens.

COREOPSIS (TICKSEED)

Coreopsis x hybrida

'JETHRO TULL'

ITSAUL PLANTS, INC.

Height: 15 in. (38 cm)

Bloom Months: May to August

USDA Hardiness Zones: 4a to 9b

PP18,789

Compact, hybrid, dwarf variety produces fluted, non-fading, golden yellow flowers all Summer.

'TEQUILA SUNRISE'

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

Bloom Months: June to October

USDA Hardiness Zones: 6a to 10b

Long, pointed leaves with yellow margins topped by golden blooms with a red eye.

CORIANDER (VIETNAMESE CORIANDER)

Persicaria odorata

VIETNAMESE

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

Bloom Months: May to June

USDA Hardiness Zones: 10a to 11

This flavorful culinary herb is often compared to Cilantro. It features colorful, attractive, scented foliage. Plant this mounded, heat-tolerant Coriander in sunny herb gardens.

DELOSPERMA (ICE PLANT)

Delosperma

RED MOUNTAIN® FLAME

PLANT SELECT

Height: 2 to 3 in. (5 to 8 cm)

Bloom Months: June to August

USDA Hardiness Zones: 6a to 9b

'PWVWG025'

Tough, drought-tolerant groundcover has improved color and performance over Red Mountain.

RED MOUNTAIN is a U.S. registered trademark of Plant Select.

DELOSPERMA (ICE PLANT)

Delosperma cooperi

Height: 3 in. (8 cm)

Bloom Months: June to August

USDA Hardiness Zones: 6a to 10b

Rose-pink flowers on mats of succulent leaves.



Delosperma Ocean Sunset Orange Glow



Delosperma Ocean Sunset Orange Vibe



Delosperma Ocean Sunset Violet



Delosperma Fire Spinner



Delosperma 'Jewel of Desert Garnet'



Delosperma 'Jewel of Desert Peridot'



Delosperma 'Jewel of Desert Ruby'



Delosperma 'Jewel of Desert Topaz'

DELOSPERMA ●
(ICE PLANT)
Delosperma hybrida

OCEAN SUNSET™ SERIES

NEW FOR 2022
CONCEPT PLANTS, B.V.
Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: March to October
USDA Hardiness Zones: 5a to 9b

Ocean Sunset has a high flower count per plant, with the largest flowers of any Delosperma, on a great habit. This series gives an outstanding performance in pots, with showy flowers that close at night and open mid-morning. The intense, vivid colors are ideal in rock gardens and borders. These varieties are very drought tolerant once established.

Orange Glow 'T18-7' PPAF
Orange Vibe 'T18-2' PPAF
Violet 'T18-5' PPAF

DELOSPERMA ●
(ICE PLANT)
Delosperma hybrid

FIRE SPINNER®

PLANT SELECT
Height: 2 to 3 in. (5 to 8 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5a to 8b
'P001S'

Tricolored flowers of orange, magenta and white with succulent, green foliage.
FIRE SPINNER is a U.S. registered trademark of Plant Select.

JEWEL OF DESERT SERIES

CONCEPT PLANTS, B.V.
Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5a to 10b

Heat and sun-loving, first-year-flowering series is drought tolerant once established.

'Jewel of Desert Garnet' PP23,471
'Jewel of Desert Peridot' PP23,566
'Jewel of Desert Ruby' PP23,453
'Jewel of Desert Topaz' PP23,492

WHEELS OF WONDER™ SERIES

CONCEPT PLANTS, B.V.
Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5a to 9b

Large-flowered, drought-tolerant series is perfect for rock gardens.

Golden Wonder 'WOW2011-1'
PP25,684
Hot Pink Wonder 'WOWDRY1'
PP26,157
Violet Wonder 'WOWDRW5'
PP25,572

WHEELS OF WONDER is a U.S. trademark of Concept Plants, B.V.



Delosperma Wheels of Wonder Golden Wonder

DELOSPERMA ●
(ICE PLANT)
Delosperma nubigenum

Height: 2 to 3 in. (5 to 8 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5a to 9b

Spreading, succulent leaves and deep yellow flowers.



Delosperma Wheels of Wonder Hot Pink Wonder



Delosperma Wheels of Wonder Violet Wonder

DARWIN PERENNIALS

ARCTIC FOX ROSE

DIGITALIS (FOXGLOVE)
Digitalis hybrida

ARCTIC FOX ROSE

DARWIN PERENNIALS

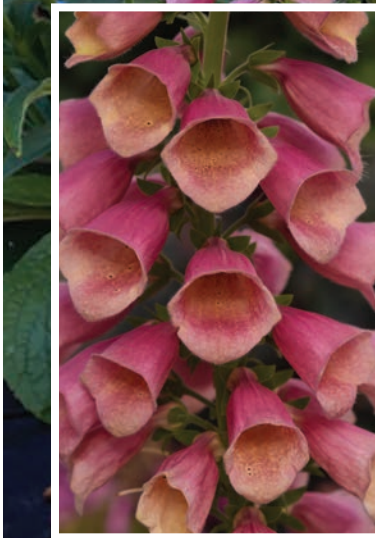
First Year Flowering

Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: April to September;
Natural season flowering
USDA Hardiness Zones: 5a to 9a

Available as a liner only
'Balroxose' PP31.900

TOP SELLER This beautiful hybrid *Digitalis* offers much needed Winter hardiness for northern growers, plus Summer-long flowering for southern growers.

- Adds amazing impulse color for perennial tables.
- Flowers all season long.
- Ideal for 2.5-qt. and 1.5-gal. pot sizes.



Digitalis Arctic Fox Rose

EUPATORIUM ●●
(JOE-PYE WEED)
Eupatorium dubium

'LITTLE JOE'

DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: July to September

USDA Hardiness Zones: 3a to 9b

PP16.122

Strong, sturdy stems won't flop!

- Dwarf variety with green foliage and lavender-pink flowers.
- Large clusters of flowers in Summer dry to attractive light brown seed head in Fall.
- Tolerates seasonally wet to rather dry sites.



Eupatorium 'Little Joe'

EUPATORIUM ●
(JOE-PYE WEED)
Eupatorium purpureum

EUPHORIA™ RUBY

FLORENSIS, B.V.

Height: 24 to 32 in. (61 to 81 cm)

Bloom Months: July to October

USDA Hardiness Zones: 4a to 9a

'FLOREUPRE1' PP31.668

Flowers earlier in the Summer than typical Joe-Pye Weed varieties, and will have a bloom time extending well into late-Summer and Fall. One of the first compact Eupatorium for the modern garden landscape. Very attractive to pollinators and butterflies. Ideal for 2.5-qt. and 1-gal. pot sizes.

EUPHORIA is a U.S. trademark of Florensis, B.V.



Eupatorium Euphoria Ruby

DARWIN PERENNIALS



Erysimum 'Bowles Me Away'



Euphorbia 'Bonfire'



Euphorbia 'Ascot Rainbow'



Gallium odoratum



Gaura Passionate Blush



Gaura 'Walberton's Pink Fountain'



Gaura 'Whirling Butterflies'

EUPATORIUM ●● (JOE-PYE WEED)
Eupatorium maculatum

'GATEWAY'

Height: 60 to 72 in. (152 to 183 cm)
Bloom Months: July to September
USDA Hardiness Zones: 4a to 8b

Mauve-pink flowers against deep red stems make a bold garden display.

ERYSIMUM ● (WALLFLOWER)
Erysimum linifolium

'BOWLES ME AWAY'

DARWIN PERENNIALS

First Year Flowering
Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: March to September
USDA Hardiness Zones: 6a to 8b
PP29,380

This Erysimum doesn't require vernalization to flower and it is heat tolerant, so it continues to bloom from Spring into the heat of Summer.

- Features narrow, gray-green leaves that stay evergreen in mild Winters.
- Large flower heads have bright lavender blooms that are especially brilliant in Spring.

EUPHORBIA ● (SPURGE)
Euphorbia polychroma

'BONFIRE'

MUST HAVE PERENNIALS
Height: 10 in. (25 cm)
Bloom Months: May to July
USDA Hardiness Zones: 5a to 9b
PP18,585

Neat, uniform mounds of green foliage quickly mature to rich maroon-red in Summer; has glowing chartreuse-gold flowers in Spring.

EUPHORBIA ●● (SPURGE)
Euphorbia x martinii

'ASCOT RAINBOW'

PLANTHAVEN INT'L, INC.
Height: 20 to 22 in. (51 to 56 cm)
Bloom Months: April to May
USDA Hardiness Zones: 6a to 9b
PP21,401

Vigorous variety has very colorful, variegated foliage that turns deep red in cooler weather.

GALIUM ●● (SWEET WOODRUFF)
Gallium odoratum

Height: 6 to 12 in. (15 to 30 cm)
Bloom Months: April
USDA Hardiness Zones: 3a to 9b

Low-growing groundcover with glossy green foliage and fragrant, white flowers.

GAURA ● (WAND FLOWER)
Gaura lindheimeri

PASSIONATE BLUSH

PLANTHAVEN INT'L, INC.
Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: May to September
USDA Hardiness Zones: 7a to 9b
'SME-2' PP17,293

Floriferous tender perennial has medium pink flowers, beautifully variegated foliage and a tidy appearance.

WALBERTON'S® PINK FOUNTAIN

PLANTHAVEN INT'L, INC.

Height: 24 to 36 in. (61 to 91 cm)
Bloom Months: May to September
USDA Hardiness Zones: 6a to 9b
'Walgaupf' PP15,555

Heavy lateral branching for a dense habit and an abundance of soft pink blooms with an exceptionally long flowering period.

WALBERTON'S is a U.S. registered trademark of Walberton's Nursery, Ltd.

'WHIRLING BUTTERFLIES'

Height: 23 to 35 in. (58 to 89 cm)
Bloom Months: May to October
USDA Hardiness Zones: 6a to 9b

Airy blooms move in the breeze like a cluster of white butterflies.

GAURA ●
(WAND FLOWER)
Gaura lindheimeri

'LITTLE JANIE'

DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: April to September

USDA Hardiness Zones: 6a to 9b

PP26,356

Compact, bicolor Gaura holds its shape from bench to garden.

- Finished plants are easier to ship and arrive in better shape.
- Excellent retail appeal and longer shelf life.
- Maintains a beautiful Spring, Summer and Fall display of white and rose bicolored blooms.



Gaura 'Little Janie'

'WHISKERS DEEP ROSE'

DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: April to September

USDA Hardiness Zones: 6a to 9b

PP26,399

A great container item for impulse sales.

- Unique contrasting flower parts add new color interest to a popular class.
- White filaments set off deep rose petals.
- Compact, bushy habit and dark red foliage.



Gaura 'Whiskers Deep Rose'



Gaura Ballerina Rose



Gaura Ballerina White



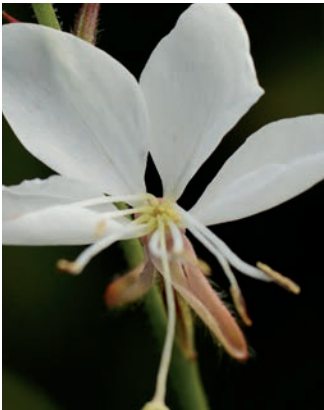
Gaura Belleza Dark Pink



Gaura Gaudi Pink



Gaura Belleza Compact Light Pink



Gaura Belleza White



Gaura Gaudi Red



Hedera 'Thorndale'



Hedera English Ivy

BALLERINA™ SERIES
DARWIN PERENNIALS

First Year Flowering
Height: 12 to 18 in. (30 to 46 cm)
Bloom Months: April to September
USDA Hardiness Zones: 6a to 9b

Continuous blooms on compact, well-branched, upright plants.

- Striking flowers complement dark foliage.
- Well-suited to landscapes and mixed containers.
- White is one of the most compact, well-branched white Gauras on the market.

Rose 'Baltinrose' PP14.635
White 'Baltincite' PP20.326

BELLEZA® SERIES

SELECTA ONE

Height: 12 to 18 in. (30 to 46 cm)
Bloom Months: April to September
USDA Hardiness Zones: 6a to 9b

A great companion plant, Belleza features excellent branching with short flower stems. Upright habit, with the exception of Compact Light Pink, which has a mounding habit.

Compact Light Pink 'KLEGL06261' CPBR3667
Dark Pink 'KLEAU04263' CPBR2860
White One of the most compact, well-branched white Gauras on the market. 'KLEGL14844'

BELLEZA is a U.S. registered trademark of Selecta Klemm GmbH & Co.

GAUDI™ SERIES

FLORENSIS, B.V.

Height: 12 in. (30 cm)
Bloom Months: June to October
USDA Hardiness Zones: 6a to 9b

Compact, well-branched series features darker foliage in cooler temperatures; makes a beautiful container plant.

Pink 'Florgaucompi'
Red 'Florgaure' PP26.518

GAUDI is a U.S. trademark of Florensis, B.V.

HEDERA 
(ENGLISH IVY)
Hedera helix

ENGLISH IVY

Height: 4 to 6 in. (10 to 15 cm)
USDA Hardiness Zones: 5a to 10b

Large, semi-evergreen leaves, bright to dark green.

'THORNDALE'

Height: 3 to 5 in. (8 to 13 cm)
USDA Hardiness Zones: 5a to 9b

Purple-green stems; large, dark green leaves with light veins that turn white in Winter.

DARWIN PERENNIALS

SALUD™

Helenium Salud Yellow



HELENIUM 
(SNEEZE WEED)
Helenium autumnale

SALUD™ SERIES

DARWIN PERENNIALS

First Year Flowering

Height: 14 to 16 in. (36 to 41 cm)
Bloom Months: July to September
USDA Hardiness Zones: 4a to 9a

Stunning Summer-into-Fall garden flowers for late-season sales.

- Very compact, making them great for containers.
- Well-branched habit will hold up to weather in the landscape.
- Vibrant colors stand out at retail.
- No vernalization required for bulking or flowering.

TOP SELLER **Embers** 'Balsalumb' PP30,617
Golden 'Balsaluglo' PP30,616
Yellow 'Balsalulow' PP30,771

DARWIN PERENNIALS



Helenium Salud Embers

DARWIN PERENNIALS



Helenium Salud Golden

DARWIN PERENNIALS



Helenium Salud Yellow

DARWIN PERENNIALS



Helianthus 'Autumn Gold'

HELIANTHUS (NARROW-LEAVED SUNFLOWER)

Helianthus angustifolius

'AUTUMN GOLD'

DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: September to November

USDA Hardiness Zones: 5a to 10a

PP30,117

Excellent Fall-flowering companion to garden mums.

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

DARWIN PERENNIALS



Heliopsis 'Sunstruck'

HELIOPSIS (OX-EYE)

Heliopsis helianthoides

'SUNSTRUCK'

DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: June to August

USDA Hardiness Zones: 4a to 9b

PP25,524

The biggest blooms in its class. Plus, eye-catching, variegated foliage.

- Compact habit is easier to ship and shows better at retail.
- Blooms 4 to 6 weeks earlier than other Heliopsis and stays in flower all Summer.
- Produces full 1-gal. containers with more plants per rack and lower input costs.



Heliopsis 'Lorraine Sunshine'

HELIOPSIS ●
(OX-EYE)
Heliopsis helianthoides

'LORRAINE SUNSHINE'

MUST HAVE PERENNIALS

Height: 30 in. (76 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4a to 9b

Large, golden yellow daisy flowers on erect, loosely branched plants with unique, variegated leaf form.

HYPERICUM ●●
(ST. JOHN'S WORT)
Hypericum calycinum

Height: 15 to 18 in. (38 to 46 cm)
Bloom Months: May to July
USDA Hardiness Zones: 5a to 9b

Long, blue-green leaves with wide, solitary, bright golden yellow flowers.



Hypericum Miracle Grandeur

HYPERICUM ●
(ST. JOHN'S WORT)
Hypericum inodorum

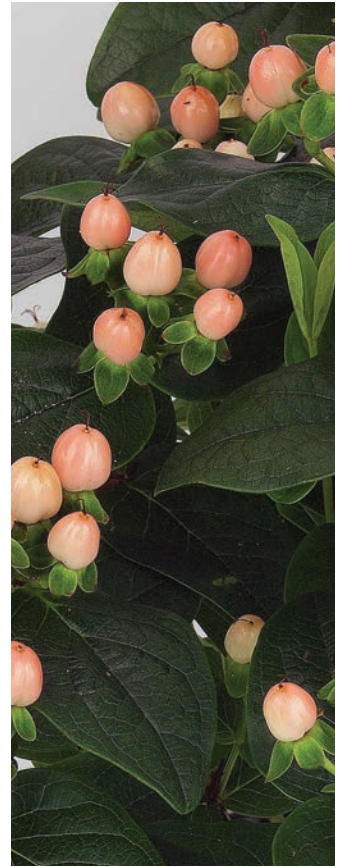
MIRACLE SERIES

RENE VAN GAALEN, B.V.

Height: 28 to 32 in. (71 to 81 cm)
Bloom Months: June to July
USDA Hardiness Zones: 6a to 9b

A series known for striking, ornamental berries. Plants are graced with bright yellow flowers during the Summer months and with berries that attract birds and other wildlife in late-Summer through Fall. Miracle Night has deep green foliage that blushes to red. All other varieties have dark green foliage.

Grandeur 'Allgrandeur' PP27,125
Horizon 'ALLBLOMMOS' PP28,118
Primo 'Allprimo' PP28,011



Hypericum Miracle Horizon



Hypericum Miracle Primo



Hypericum calycinum

DARWIN PERENNIALS

IBERIS 
(CANDYTUFT)
Iberis hybrid

SUMMER SNOWDRIFT

'SUMMER SNOWDRIFT'

DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: May to October

USDA Hardiness Zones: 6b to 9a

PP30,713

Pure white flowers have an extremely long flowering window for a longer selling season.

- No vernalization needed for flowering.
- Extend the Iberis selling window in the South.
- Use as an alternative to Lobularia in mixed containers.
- High heat tolerance.
- Tender perennial in the South, great annual in the North.

Iberis 'Summer Snowdrift'

Bloom Months											
Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.

IBERIS 
 (EVERGREEN
 CANDYTUFT)
Iberis sempervirens

SNOWSATION

'SNOWSATION'

DARWIN PERENNIALS

Vernalization Required

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

Bloom Months: February to April

USDA Hardiness Zones: 4a to 9a

PP29,637

TOP SELLER The largest flowers of any compact Iberis!

- Plants flower uniformly and branch freely.
- Well-recognized by gardeners and will attract their attention in the garden center.
- Selected for its mid-season flowering and excellent branching.



Iberis 'Snowsation'

Bloom Months											
Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.



Iberis 'Alexander's White'



Lamiastrum 'Variegatum'



Lamium 'Beacon Silver'



Lamium 'Orchid Frost'



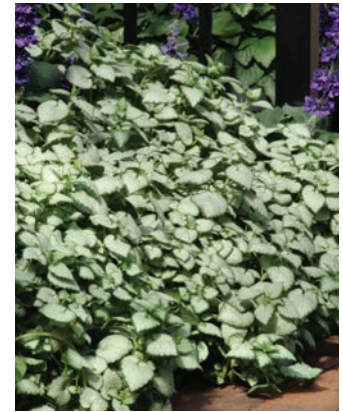
Lamium 'Purple Dragon'



Lamium 'Red Nancy'



Lamium 'Shell Pink'



Lamium 'White Nancy'

'ALEXANDER'S WHITE'

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: March to April
USDA Hardiness Zones: 3a to 8b

Deep green, evergreen foliage is covered by dense, pure white flowers in Spring.

'PURITY'

Height: 8 to 10 in. (20 to 25 cm)
Bloom Months: March to April
USDA Hardiness Zones: 3a to 8b

Low-growing, evergreen shrub with deep green foliage and abundant, white blooms.

LAMIASTRUM 
(YELLOW ARCHANGEL)
Lamiastrum galeobdolon

'HERMAN'S PRIDE'

Height: 6 in. (15 cm)
Bloom Months: April to May
USDA Hardiness Zones: 3a to 9b

Trailing habit of green and silver leaves with yellow flowers.

'VARIEGATUM'

Height: 12 in. (30 cm)
Bloom Months: May to June
USDA Hardiness Zones: 4a to 8b

Silver-spotted foliage with yellow flowers in Spring.

LAMIUM 
(SPOTTED DEADNETTLE)
Lamium maculatum

'ANNE GREENAWAY'

Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: April to May
USDA Hardiness Zones: 3a to 9b

Mixture of green, silver and chartreuse leaves turn mauve in Spring.

'BEACON SILVER'

Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: April to May
USDA Hardiness Zones: 3a to 9b

Trailing, mounded variety has silver leaves edged in green with pink-purple flowers.

'ORCHID FROST'

PLANTHAVEN INT'L, INC.
Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: April to May
USDA Hardiness Zones: 4a to 9b

Low-maintenance garden performer features orchid-pink flowers that rebloom in Fall; good resistance to leaf spots.

'PINK PEWTER'

Height: 4 to 8 in. (10 to 20 cm)
Bloom Months: April to May
USDA Hardiness Zones: 3a to 9b

Beautifully variegated leaves and long-blooming, soft pink flowers.

'PURPLE DRAGON'

HORTECH, INC.
Height: 4 to 8 in. (10 to 20 cm)
Bloom Months: April to May
USDA Hardiness Zones: 3a to 9b
PP15.890

Snapdragon-like flowers with rich purple spikes that contrast with bright silvery foliage; robust habit.

'RED NANCY'

Height: 8 to 12 in. (20 to 30 cm)
Bloom Months: April to May
USDA Hardiness Zones: 3a to 8b

Beautifully variegated leaves and long-blooming flowers brighten shaded gardens and Summer containers. Superb groundcover beneath trees or shrubs, especially when combined with Spring-flowering bulbs. Attractive at garden's edge or along walkways.

'SHELL PINK'

Height: 8 in. (20 cm)
Bloom Months: April to May
USDA Hardiness Zones: 4a to 8b

Soft pink flowers – excellent for shaded borders or containers.

'WHITE NANCY'

Height: 6 in. (15 cm)
Bloom Months: April to May
USDA Hardiness Zones: 3a to 9b

Fast-growing groundcover with silver and green variegated foliage and pure white flowers.

LAVENDER

Expand Your Lavender Program & Extend Your Growing Season

Spanish Lavender

Kick off your Lavender season in early Spring with Spanish Lavender varieties such as the Anouk series (hardy to Zone 6). Spanish Lavender are tender perennials that flower under short days and generally require a cool treatment to flower – ensuring their best performances in the cooler, early Spring season. Although this class generally cycles out of flower in the Summer heat, these Mediterranean natives perform very well in the landscape. Spanish Lavender are also known for their sweet, piney scent and are very showy with pineapple-shaped flowers and colorful flags, ranging from white to rose to deep purple. The perfect impulse buy for consumers!

Lavender Primavera – All-Season Performer

One exception in the Spanish Lavender class is Lavender Primavera. This variety shows Spanish Lavender characteristics as a tender perennial with Zone-7 hardiness and extremely showy, rich purple bracts, but it does not require cool treatment to flower and offers strong performances well into Summer! With this season extender, growers and retailers can offer a versatile Spanish Lavender for Fall programs and even Christmas and Valentine's Day events.



Lavandula Primavera



Lavandula 'Anouk'

English Lavender

As the days start to get warmer and longer, it's time to transition your Lavender program to more English Lavenders, such as 'SuperBlue' and 'Annet'. These *angustifolia* types will cover your traditional, sweetly scented Lavender needs, with the classic flower form used for drying, oils, potpourri and more. Most English Lavender are first-year-flowering perennials, making it easy to schedule for targeted sales dates. Though some will cycle out of flower in the southern Summer heat, many of these Zone-5 hardy varieties will flower all season long in most North American regions – making them outstanding landscape plants.

For more information, continue on to the next page and explore our entire Lavender offering.



Lavandula 'SuperBlue'

DARWIN PERENNIALS



Lavandula 'Annet'

LAVANDULA 
(ENGLISH LAVENDER)
Lavandula angustifolia

'ANNET'

DARWIN PERENNIALS

First Year Flowering

Height: 16 to 18 in. (41 to 46 cm)
Bloom Months: April to September
USDA Hardiness Zones: 5a to 9a
CPBR5107; PP28,867

Long-flowering English Lavender offers stiff, upright stems for no breakage at shipping.

- Holds up to shipping and remains healthy at retail.
- No vernalization required.
- Large flowers throughout the heat of Summer.
- An excellent addition for bouquets.
- Ideal for 2.5-qt. and 2-gal. pot sizes, as well as 3-qt. drop-in.

DARWIN PERENNIALS



Lavandula 'SuperBlue'

'SUPERBLUE'

DARWIN PERENNIALS

First Year Flowering

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: April to September
USDA Hardiness Zones: 5a to 8b
PP24,929

TOP SELLER Excellent performer boasts the biggest blooms!

- Rich blue blooms on short flower spikes.
- Less gapping among spikes for more color impact.
- Excellent Winter hardiness and landscape performance.



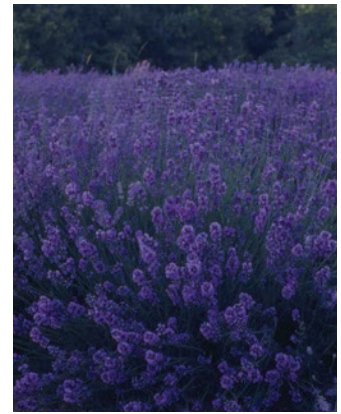
Lavandula Big Time Blue



Lavandula 'Hidcote'



Lavandula 'Blue Cushion'



Lavandula 'Munstead'



Lavandula 'Vera'



Lavandula dentata



Lavandula 'Grosso'



Lavandula 'Provence'



Lavandula 'Goodwin Creek Grey'

LAVANDULA ●
(ENGLISH LAVENDER)
Lavandula angustifolia

BIG TIME BLUE

CONCEPT PLANTS, B.V.

Height: 22 to 24 in. (56 to 61 cm)
Bloom Months: May to August
USDA Hardiness Zones: 5a to 9b
'Armtipp01' PP24,827

Early-blooming variety has silver-gray foliage and mid-blue flowers.

'BLUE CUSHION'

MUST HAVE PERENNIALS

Height: 16 in. (41 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5a to 8b

Spectacular dwarf habit and free-flowering performance with deep blue flowers and gray-green, evergreen foliage.

'HIDCOTE'

Height: 20 to 22 in. (51 to 56 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5a to 8b

More compact than others in the species, with deep blue flowers.

'MUNSTEAD'

Height: 14 to 18 in. (36 to 46 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5a to 8b

Compact and upright, with narrow foliage and lavender-blue flower spikes.

PLATINUM BLONDE™

MOMPARLER ALBORS

Height: 16 to 24 in. (41 to 61 cm)
Bloom Months: June to August
USDA Hardiness Zones: 6a to 9b
'Momparter' PP23,834

Vigorous grower has green and yellow stable variegation and striking purple blooms.

PLATINUM BLONDE is a U.S. trademark of Momparter Albors.

'VERA'

Height: 24 to 30 in. (61 to 76 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5a to 8b

Long, broad, silver-green leaves and lavender flowers in Summer.

LAVANDULA ●
(FRENCH LAVENDER)
Lavandula dentata

Height: 28 in. (71 cm)
Bloom Months: June to August
USDA Hardiness Zones: 8a to 9b

French Lavender is a tender perennial that prefers a sunny location with well-drained soils. Also makes an excellent fragrant patio container in colder climates.

LAVANDULA ●
(LAVENDER)
Lavandula intermedia

'GROSSO'

Height: 18 to 22 in. (46 to 56 cm)
Bloom Months: July
USDA Hardiness Zones: 5a to 7b

Fragrant and wonderful addition to scent gardens.

'PROVENCE'

Height: 30 in. (76 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5a to 8b

Fragrant, light purple florets atop gray-green, evergreen leaves.

LAVANDULA ●
(FERNLEAF LAVENDER)
Lavandula pinnata

Height: 24 in. (61 cm)
Bloom Months: June to August
USDA Hardiness Zones: 9a to 11

Tender perennial has a shrub-like habit with gray-green leaves and large, blue-purple flower spikes.

LAVANDULA ●
(LAVENDER)
Lavandula x gingsii

'GOODWIN CREEK GREY'

Height: 12 to 36 in. (30 to 91 cm)
Bloom Months: June to August
USDA Hardiness Zones: 7a to 10b

Tender perennial has small, intense purple flowers on long wands.

LAVANDULA (SPANISH LAVENDER)
Lavandula stoechas

PRIMAVERA

PRIMAVERA

DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: Year round depending on location

USDA Hardiness Zones: 7a to 9a

Available as a liner only

'Anouk Deluxe 1225' CPBRAFF; PPAF

TOP SELLER This Spanish Lavender flowers throughout Summer and Winter to extend the Spanish Lavender season!

- Can be programmed for very early flowering for markets in the Deep South or for Summer sales in the North.
- The most versatile of Spanish Lavender varieties.



Lavandula Primavera

Winter		Spring			Summer			Fall		Winter	
Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.
		Traditional Spanish Lavender									
Darwin Perennials Primavera Lavender											

DARWIN PERENNIALS



Lavandula 'Anouk'

LAVANDULA ●
(SPANISH LAVENDER)
Lavandula stoechas

ANOUK SERIES

DARWIN PERENNIALS

Height: 14 to 18 in. (36 to 46 cm)
Bloom Months: March to July
USDA Hardiness Zones: 6a to 9b

Outstanding in containers and landscapes.

- Reblooming Spanish Lavenders have excellent weather tolerance and retail shelf life.
- High resistance to foliar disease.

'Anouk' Dark violet flower spikes topped by clear purple flags. CPBR3299; PP16,685

Anouk Supreme Flowers one week earlier than 'Anouk'. 'Anouk Deluxe 901' CPBR5618; PP26,495

Anouk Deep Rose Deep rose flags on lavender-rose flowers. 'Anouk Deluxe 179' CPBR5616; PP26,493

Double Anouk Double lavender flags on purple flowers. 'Anouk Deluxe 1205' CPBR6174; PP28,264

'Silver Anouk' Compact and upright with narrow, blue-silver foliage. CPBR4449; PP20,068

DARWIN PERENNIALS



Lavandula Double Anouk

DARWIN PERENNIALS



Lavandula Anouk Supreme

DARWIN PERENNIALS



Lavandula Anouk Deep Rose

DARWIN PERENNIALS



Lavandula 'Silver Anouk'

DARWIN PERENNIALS



Lavandula Bright Luxurious

LAVANDULA (SPANISH LAVENDER)

Lavandula stoechas

BRIGHT LUXURIOUS

DARWIN PERENNIALS

Height: 14 to 18 in. (36 to 46 cm)

Bloom Months: March to July

USDA Hardiness Zones: 6a to 9b

'Anouk Deluxe 1956' CPBR5617;
PP26,496

Excellent reblooming variety.

- Compact variety is perfect for small novelty containers.. and big sell-through!
- Full, compact habit.
- Can be grown in quarts and specialty containers.
- Lighter-colored flags than Luxurious.

DARWIN PERENNIALS



Lavandula Luxurious

LUXURIOUS

DARWIN PERENNIALS

Height: 14 to 18 in. (36 to 46 cm)

Bloom Months: March to July

USDA Hardiness Zones: 6a to 9b

'Anouk Deluxe 109' CPBR5615;
PP26,494

Outstanding weather and humidity tolerance.

- Stands up to boxing and shipping better than other Spanish Lavenders.
- Very resistant to foliar disease.



Lavandula 'Otto Quast'



Lavandula 'Dilly Dilly'



Lavandula Phenomenal



Leucanthemum 'Becky'



Leucanthemum 'Snowcap'



Leucanthemum Spellbook Lumos

LAVANDULA ●
(SPANISH LAVENDER)
Lavandula stoechas

'OTTO QUAST'

Height: 24 to 30 in. (61 to 76 cm)
Bloom Months: June to August
USDA Hardiness Zones: 7a to 7b

Tender perennial with large, two-tone flowers and silvery foliage; upright habit.

LAVANDULA ●
(LAVENDER)
Lavandula x intermedia

'DILLY DILLY'

Height: 12 in. (30 cm)
Bloom Months: June to August
USDA Hardiness Zones: 6a to 9b

Compact growth habit with flower spikes high above the foliage.

PHENOMENAL®

B & S PLANTS, LLC

Height: 24 to 32 in. (61 to 81 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5a to 8b
'Niko' PP24,193

Strong, disease-resistant, silver foliage. Long, purple flower spikes in Summer. Overwinters well.

PHENOMENAL is a U.S. trademark of B & S Plants, LLC.

LEUCANTHEMUM ●
(SHASTA DAISY)
Leucanthemum x superbum

'BECKY'

Height: 36 in. (91 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5a to 8b

Big, single, white flowers and shiny, deep green foliage.

'SNOWCAP'

MUST HAVE PERENNIALS

Height: 14 to 18 in. (36 to 46 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4a to 8b

Compact, single, white Shasta Daisy flowers on exceptionally uniform plants.

SPELLBOOK® LUMOS

ALTMAN SPECIALTY PLANTS, INC.

Height: 12 to 18 in. (30 to 46 cm)
Bloom Months: April to August
USDA Hardiness Zones: 5a to 9b
'BL14007' PP28,350

Fade-resistant, true yellow flowers. Blooms wonderfully without vernalization.

SPELLBOOK is a U.S. registered trademark of Altman Specialty Plants, Inc.

DARWIN PERENNIALS

WHITECAP

LEUCANTHEMUM (SHASTA DAISY) ●

Leucanthemum x superbum

'WHITECAP'

DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: March to October

USDA Hardiness Zones: 5a to 9a

PPAF

**An improvement over 'Snowcap' –
flowering two weeks earlier, more
compact and first-year-flowering!**

- Classic "Shasta Daisy" look with complete flower coverage for high impact at retail.
- Early-to-flower, compact, sturdy plants for an extended shelf life.

Leucanthemum 'Whitecap'

LEUCANTHEMUM ●
(SHASTA DAISY)

Leucanthemum x superbum

'CREAM PUFF'

WALTERS GARDENS

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

Bloom Months: July

USDA Hardiness Zones: 5a to 9b

PP30,074

Lemon yellow buds open to cream flowers. A compact, dome-shaped habit steals the show in early to mid-Summer.



Leucanthemum 'Cream Puff'

'WHOOOPS A DAISY'

WALTERS GARDENS

Height: 15 in. (38 cm)

Bloom Months: July

USDA Hardiness Zones: 5a to 9b

PP27,259

TOP SELLER Improvement over 'Snowcap'; better flower coverage, fuller blossoms and a more compact, uniform habit. Forms an exceptionally dense, rounded, ball-shaped mound of dark green foliage blanketed by large, 3 to 4-in. (8 to 10-cm), white flowers with gold centers. Blooms without vernalization. Suitable for containers.



Leucanthemum 'Whoops A Daisy'

DARWIN PERENNIALS



Leucanthemum 'Santé'

DARWIN PERENNIALS



Leucanthemum 'White Magic'



Leucanthemum Freak!



Leucanthemum 'Spoonful of Sugar'

FREAK!®

MUST HAVE PERENNIALS

Height: 13 in. (33 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5a to 8b
 'LEUZ0001' PP23,426

Fluffy-looking flowers on compact, well-branched plants make a real garden showstopper.

FREAK! is a U.S. registered trademark of Syngenta Participations AG.

'SANTÉ'

DARWIN PERENNIALS

Height: 22 to 26 in. (56 to 66 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4a to 9b
 PP19,829

Impressively hardy variety of a perennial garden classic!

- Double, pure white flowers with yellow centers.
- Strong stems make an excellent cut flower.
- Upright habit.

'SPOONFUL OF SUGAR'

WALTERS GARDENS

Height: 16 to 18 in. (41 to 46 cm)
Bloom Months: July
USDA Hardiness Zones: 5a to 9b
 PP28,760

Boasts an enormous flower size and an incredibly compact, dome-like habit. These 4.5-in. (11-cm), creamy-white flowers have two rows of very long petals that are held tight against the attractive, dark green foliage. A free-flowering variety.

'WHITE MAGIC'

DARWIN PERENNIALS

First Year Flowering
Height: 20 to 24 in. (51 to 61 cm)
Bloom Months: May to August
USDA Hardiness Zones: 5b to 9b
 PP29,737

Large, semi-double, white flowers have a very long blooming season.

- Bred and selected for an extended flowering window.
- No deadheading is required for reblooming.

OOH LA™

Leucanthemum Ooh La LaGrande



LEUCANTHEMUM (SHASTA DAISY)

Leucanthemum x superbum

OOH LA™ SERIES

FLORENSIS, B.V.

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

Bloom Months: June to August

USDA Hardiness Zones: 4a to 9a

Series features compact, dark green leaves and it flowers well, even in the first season! Ideal for borders, rock gardens and containers.

'LaCrosse' Unique, trumpet-shaped, white petals.

LaGrande Extra-large, white daisy flowers. 'Florleulag' PP29,736

'LaSpider' Height: 12 to 14 in. (30 to 36 cm) Makes a fun, frilly statement in beds and containers. Attractive, semi-double flowers and fringed flower petals.



Leucanthemum Ooh La 'LaCrosse'



Leucanthemum Ooh La LaGrande



Leucanthemum Ooh La 'LaSpider'



Lithodora 'White Star'

LITHODORA ●●●
(TRAILING LITHODORA)
Lithodora diffusa

'GRACE WARD'

Height: 8 to 12 in. (20 to 30 cm)
Bloom Months: March to April
USDA Hardiness Zones: 6a to 8b

Low-growing, trailing habit with glossy green, mat-forming leaves and intense blue flowers at the ends of lateral stems in early Spring.

'HEAVENLY BLUE'

Height: 8 to 12 in. (20 to 30 cm)
Bloom Months: March to April
USDA Hardiness Zones: 6a to 8b

Low-growing, spreading variety with small, mid-blue flowers and evergreen foliage in warm climates.



Lithodora 'Grace Ward'



Lithodora 'Heavenly Blue'



Lysimachia 'Goldilocks'

LYSIMACHIA ●●●
(LYSIMACHIA,
MONEYWORT)
Lysimachia nummularia

'GOLDILOCKS'

Height: 2 to 4 in. (5 to 10 cm)
USDA Hardiness Zones: 3a to 10b

Trailing habit and golden foliage are beautiful in mixed containers.



Lysimachia 'Alexander'

LYSIMACHIA ●●●
(LOOSESTRIFE)
Lysimachia punctata

'ALEXANDER'

PLANTHAVEN INT'L, INC.

Height: 24 in. (61 cm)
Bloom Months: August to September
USDA Hardiness Zones: 4a to 9b

Bright golden flowers on upright stems with variegated cream and green leaves.

LYSIMACHIA (MONEYWORT)
Lysimachia alfredii

'NIGHT LIGHT'

NEW FOR 2022

DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: Year round depending on location

USDA Hardiness Zones: 5a to 9a
PPAF

Shade-loving, flowering groundcover.

- Provides a colorful mound of attractive foliage and bright yellow flowers.
- 'Night Light' brightens up shade gardens.
- Foliage turns burgundy in the shade.
- Offers continuous flowering from Spring until hard frost in Fall.



Lysimachia 'Night Light'

LYSIMACHIA (MONEYWORT)
Lysimachia congestiflora

'FIREFLY'

NEW FOR 2022

DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: Year round depending on location

USDA Hardiness Zones: 5b to 9a
PPAF

An excellent flowering groundcover for the shade.

- Burgundy foliage and continuously blooming, bright yellow flowers.
- Prefers shady locations.
- Works as an accent plant, mixing well with other varieties.



Lysimachia 'Firefly'



Mentha 'Kentucky Colonel'



Mentha Spearmint



Mentha Moroccan



Mentha Apple



Mentha Pineapple Variegated



Mentha Chocolate



Mentha Citrata Orange



Mentha Peppermint Mentha Mojito

SWEET MARJORAM ●
Origanum majoranum

HORTENSIS

Height: 12 to 24 in. (30 to 61 cm)
Bloom Months: July to September
USDA Hardiness Zones: 8b to 10a

This popular culinary herb features scented foliage and works best in soups and stews. Plant this upright, heat-tolerant Marjoram in full sun.

MENTHA ● ●
(MINT)
Mentha spicata

'KENTUCKY COLONEL'

Height: 24 in. (61 cm)
USDA Hardiness Zones: 3a to 7b

Robust-growing spearmint with large leaves and sweet/spicy flavor.

SPEARMINT

Height: 36 in. (91 cm)
USDA Hardiness Zones: 3a to 7b

Spearmint-scented, green leaves with purple-blue flowers.

MENTHA ●
(MOROCCAN MINT)
Mentha spicata var. crispa

MOROCCAN

Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: July to August
USDA Hardiness Zones: 5b to 11

Low-maintenance, upright plant; use this scented mint in culinary dishes. Works best in a container for non-invasive growing.

MENTHA ● ●
(MINT)
Mentha suaveolens

APPLE

Height: 36 in. (91 cm)
Bloom Months: July
USDA Hardiness Zones: 6a to 9b

Vigorous habit, apple-scented leaves and pinkish-white whorled flowers in Summer.

PINEAPPLE VARIEGATED

Height: 24 in. (61 cm)
USDA Hardiness Zones: 6a to 9b
'Variegata'

Green and white variegated leaves with sweet pineapple scent.

MENTHA ● ●
Mentha x piperita

AFTER EIGHT

Height: 12 in. (30 cm)
USDA Hardiness Zones: 3a to 7b

Green foliage with an excellent chocolate mint flavor.

CHOCOLATE

Height: 24 in. (61 cm)
USDA Hardiness Zones: 3a to 7b

Bronzy, peppermint-like foliage with a surprising chocolatey scent.

CITRATA ORANGE

Height: 24 in. (61 cm)
USDA Hardiness Zones: 3a to 7b

Very fragrant orange mint with a neat, attractive habit.

PEPPERMINT

Height: 24 in. (61 cm)
USDA Hardiness Zones: 3a to 7b

Deliciously spicy scent – great for tea.

PEPPERMINT UPRIGHT

Height: 16 in. (41 cm)
USDA Hardiness Zones: 3a to 7b

Green leaves with a reddish hue and purple flower. Upright habit.

STRAWBERRY

Height: 24 in. (61 cm)
USDA Hardiness Zones: 3a to 7b

Nice strawberry scented mint. Pink flower.

MENTHA ● ●
(MINT)
Mentha x villosa

MOJITO

Height: 36 in. (91 cm)
USDA Hardiness Zones: 5a to 9b

TOP SELLER Refreshing mint flavor and fragrance; will develop pinkish-white blooms.

MUEHLENBECKIA ● ●
(MAIDENHAIR VINE)
Muehlenbeckia axillaris

'NANA'

Height: 3 in. (8 cm)
Bloom Months: May to July
USDA Hardiness Zones: 6a to 10b

Bright green, rounded leaves on burgundy-green stems with tiny, yellow-green flowers.

MONARDA

Monarda Balmy Pink

AT-A-GLANCE HEIGHT COMPARISONS *Monarda didyma*



DARWIN PERENNIALS

NEW

MONARDA 
(BEE BALM, BERGAMOT)
Monarda didyma

BEE-MINE™ SERIES

NEW FOR 2022
DARWIN PERENNIALS

First Year Flowering
Height: 15 to 18 in. (38 to 46 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 9a

Excellent early-flowering, medium-height Monarda.

- Series height reaches 15 to 18 in. (38 to 46 cm).
- High disease resistance to mildew.
- Deer and rabbit resistant.
- Uniform first year flowering.

Lavender 'Balbeemav' PPAF
Pink 'Balbeemin' PPAF
Red 'Balbeemed' PPAF

BEE-MINE™

Monarda Bee-Mine Lavender



DARWIN PERENNIALS



NEW

Monarda Bee-Mine Lavender

DARWIN PERENNIALS



NEW

Monarda Bee-Mine Pink

DARWIN PERENNIALS



NEW

Monarda Bee-Mine Red

DARWIN PERENNIALS

BALMY™

Monarda Balmy Rose



MONARDA (BEE BALM, BERGAMOT)
Monarda didyma

BALMY™ SERIES

DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: June to July

USDA Hardiness Zones: 4a to 9b

Pollinator power! Native cultivars to North America, with heat and drought tolerance.

- True, uniform series is tops in powdery mildew resistance.
- Full, compact plants with strong, bold color.
- Free-flowering varieties attract attention at retail.
- Deer and rabbit resistant.
- Native to North America, a favorite nectar source of bees and butterflies.

Lilac 'Balbalmac' PP26,594

Pink 'Balbalmink' PP26,566

TOP SELLER **Purple** 'Balbalmurp'

PP25,561

Rose 'Balbalmoose' PP26,567

DARWIN PERENNIALS



Monarda Balmy Lilac

DARWIN PERENNIALS



Monarda Balmy Pink

DARWIN PERENNIALS



Monarda Balmy Purple

DARWIN PERENNIALS



Monarda Balmy Rose



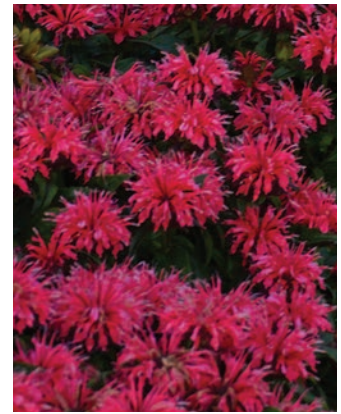
Monarda Sugar Buzz 'Berry Taffy'



Monarda Sugar Buzz 'Blue Moon'



Monarda Sugar Buzz 'Bubblem Gum Blast'



Monarda Sugar Buzz 'Cherry Pops'



Monarda Sugar Buzz 'Grape Gumball'



Monarda Sugar Buzz 'Lilac Lollipop'



Monarda Sugar Buzz 'Pink Frosting'



Monarda Sugar Buzz 'Rockin' Raspberry'



Monarda 'Jacob Cline'

'JACOB CLINE'

Height: 48 in. (122 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4a to 9b

Fire-red, tubular blooms stand out in the garden.

SUGAR BUZZ® SERIES

WALTERS GARDENS

Height: 14 to 24 in. (36 to 61 cm)
Bloom Months: July to August
USDA Hardiness Zones: 4a to 8b

Well-suited to the middle of the flower border. All colors in this series are similar in size, bloom time and vigor, making them easy for growers to schedule. These vigorous cultivars will fill out a container nicely with their dark green, mildew-resistant foliage, but won't overrun the garden.

'Berry Taffy' Raspberry-pink flowers with bronze-colored bracts. Newest foliage is notably dark. PPAF

'Blue Moon' Lavender-blue flowers are held by attractive, purple bracts. A breakthrough shorter height for this color. PP29,549

TOP SELLER 'Bubblem Gum Blast' Hot pink flowers. PP27,497
'Cherry Pops' Cherry-red flowers. PP27,618

TOP SELLER 'Grape Gumball' Vibrant magenta flowers. PP27,498
'Lilac Lollipop' Lavender-lilac flowers. PP27,571

'Pink Frosting' Pastel pink flowers form a carpet of blossoms that completely cover the foliage. PP29,548

'Rockin' Raspberry' Deep raspberry-purple flowers. PP28,752

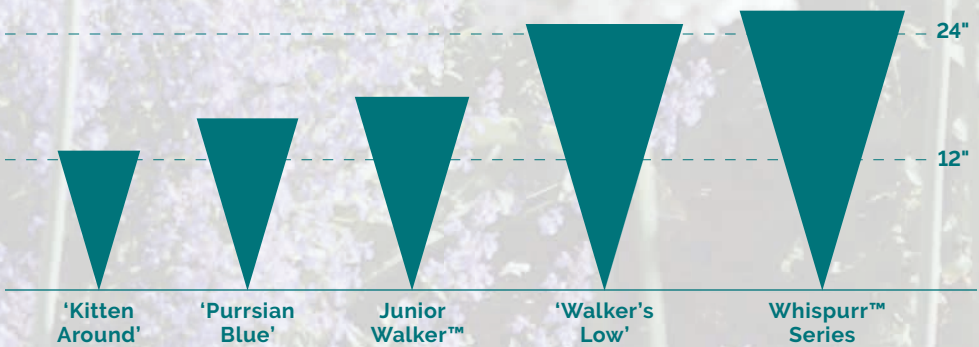
SUGAR BUZZ is a registered U.S. trademark of Walters Gardens.

NEPETA

Nepeta Junior Walker

AT-A-GLANCE HEIGHT COMPARISONS

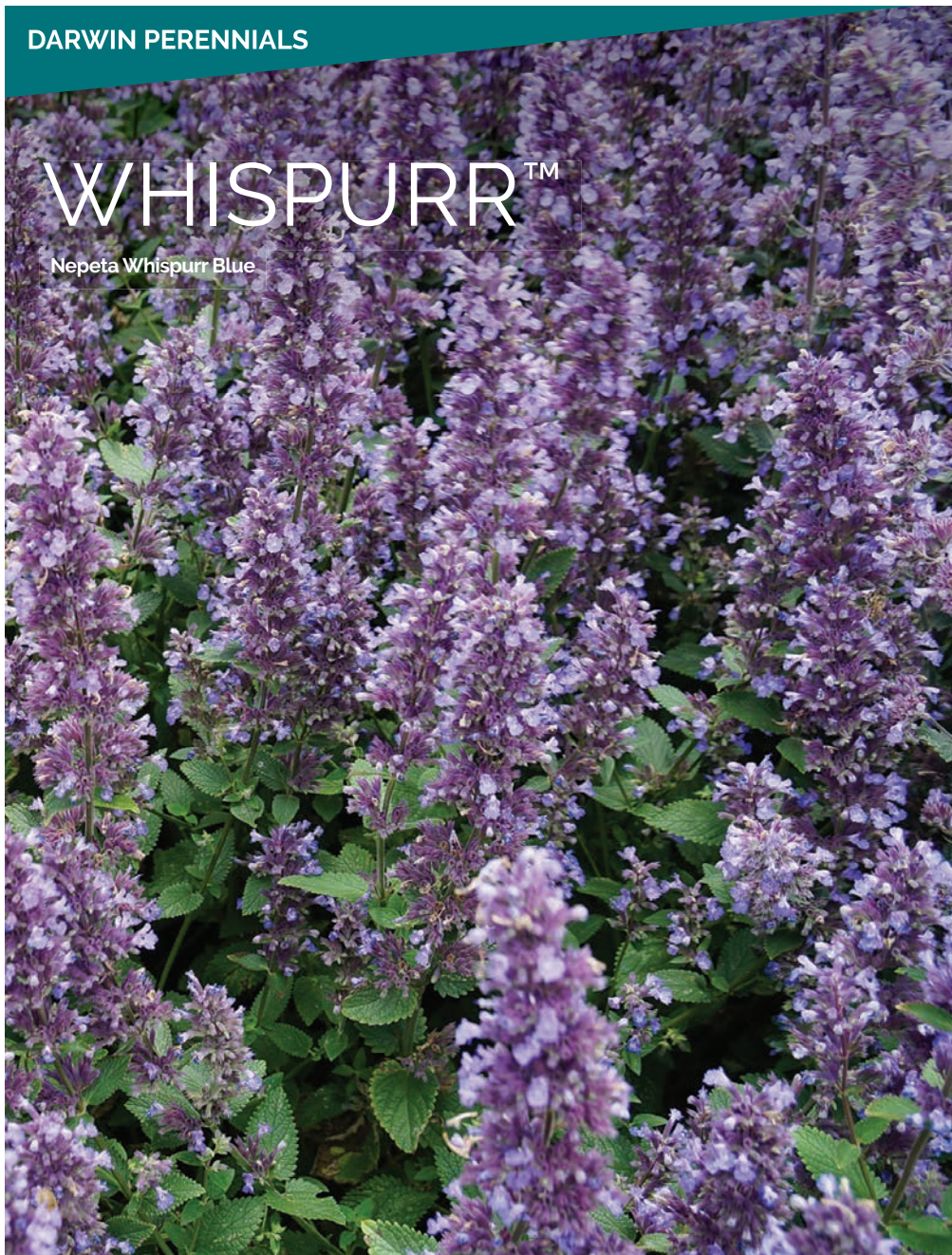
Nepeta x faassenii



DARWIN PERENNIALS

WHISPURR™

Nepeta Whispurr Blue



NEPETA 
(CATMINT)
Nepeta x faassenii

WHISPURR™ SERIES

DARWIN PERENNIALS

First Year Flowering

Height: 24 to 28 in. (61 to 71 cm)

Bloom Months: April to September

USDA Hardiness Zones: 4a to 9a

Excellent landscape plant with long blooming season from Spring through Summer.

- Features large flower plumes on robust plants.
- Foliage has a minty fragrance.
- Very popular with pollinators.

Blue 'Balpurrlu' PPAF

Pink 'Balpurrink' PPAF

DARWIN PERENNIALS



Nepeta Whispurr Blue

DARWIN PERENNIALS



Nepeta Whispurr Pink



Nepeta 'Picture Purrfect'



Nepeta 'Kitten Around'

NEPETA ●
(CATMINT)
Nepeta hybrid

'PICTURE PURRFECT'

NEW FOR 2022
WALTERS GARDENS
Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: June to September
USDA Hardiness Zones: 3a to 8b
PPAF

An early blooming Catmint – around two weeks earlier than other *Nepeta faassenii* types. Blue-purple flowers are noticeably large for this class and are produced on a compact habit.

NEPETA ●
(CATMINT)
Nepeta mussinii

'SIX HILLS GIANT'

Height: 24 to 36 in. (61 to 91 cm)
Bloom Months: May to October
USDA Hardiness Zones: 4a to 8b

A robust grower with large, blue flowers.

NEPETA ●
(CATMINT)
Nepeta x faassenii

'BLUE WONDER'

Height: 12 in. (30 cm)
Bloom Months: June to August
USDA Hardiness Zones: 3a to 8b

Dwarf, mounding variety with deep purple-blue flowers and fragrant, gray-green foliage.

'DROPMORE'

Height: 12 in. (30 cm)
Bloom Months: May to October
USDA Hardiness Zones: 4a to 8b

Silvery, aromatic foliage and blue flowers that bloom long and freely.

'KITTEN AROUND'

WALTERS GARDENS
Height: 12 to 14 in. (30 to 36 cm)
Bloom Months: June to August
USDA Hardiness Zones: 3a to 8b
PP30,940

TOP SELLER A cute little package of tight, round, aromatic foliage. Bright rosy-purple calyxes hold periwinkle-blue flowers.

LITTLE TRUDY®

PLANT SELECT
Height: 10 to 14 in. (25 to 36 cm)
Bloom Months: May to October
USDA Hardiness Zones: 4a to 9b
'Psfike' PP18,904

Deep lavender-blue flowers and serrated, narrow, gray-green leaves.

LITTLE TRUDY is a U.S. registered trademark of Plant Select.

'WALKER'S LOW'

Height: 24 to 30 in. (61 to 76 cm)
Bloom Months: June to August
USDA Hardiness Zones: 3a to 8b

One of the longest-flowering Catmints. Profuse, blue-purple flowers complement fragrant, silver leaves. Compact mounds spread to 24 in. (61 cm) wide.



Nepeta 'Six Hills Giant'



Nepeta 'Blue Wonder'



Nepeta 'Purrsian Blue'

NEPETA ●
(CATMINT)
Nepeta x faassenii

'PURRSIAN BLUE'

WALTERS GARDENS

Height: 14 to 18 in. (36 to 46 cm)
Bloom Months: July
USDA Hardiness Zones: 3a to 8b
PP24,788

TOP SELLER This compact selection forms densely mounded clumps of green, aromatic foliage and nearly doubles its spread in year two. Highly floriferous; periwinkle-blue flowers with dark purple calyxes are produced for months.



Nepeta Junior Walker

DARWIN PERENNIALS

JUNIOR WALKER™

DARWIN PERENNIALS

First Year Flowering
Height: 18 in. (46 cm)
Bloom Months: May to September
USDA Hardiness Zones: 5a to 8b
'Novanepjun' PP23,074

TOP SELLER Abundant flowers in a compact habit!

- More floriferous than some other Nepeta cultivars as extensively trialed by Star® Roses And Plants.
- Lavender-blue flowers with gray-green foliage.
- Uniform flower canopy.

DARWIN PERENNIALS

PRELUDE™

NEW Nepeta Prelude Purple



NEPETA (JAPANESE CATMINT)
Nepeta subsessilis

PRELUDE™ SERIES

DARWIN PERENNIALS

First Year Flowering

Height: 28 to 36 in. (71 to 91 cm)
Bloom Months: March to September
USDA Hardiness Zones: 5a to 9a

First-year-flowering, robust plant in the landscape with large flowers and medium controlled habit.

- Scales to 3 ft. in the second year.
- Offers pest and disease resistance.
- Features a long flowering season.
- Attracts pollinators with its fragrant foliage.
- Minty fragrance to leaves.
- Ideal for 2.5-qt. and 1-gal. pot sizes.

Blue 'Balneplud' PP31.901

NEW Purple Non-fading, dark purple blooms on an excellent mounding habit. 'Balprelurp' PPAF

DARWIN PERENNIALS



Nepeta Prelude Blue

DARWIN PERENNIALS



Nepeta Prelude Purple



Oenothera 'Siskiyou'



Oenothera 'Shimmer'



Origanum 'Kent Beauty'



Origanum 'Aureum'



Origanum Greek



Origanum 'Hot and Spicy'



Origanum Variegated



Origanum Italian

OENOTHERA ●
(EVENING PRIMROSE)
Oenothera berlandieri

'SISKIYOU'

Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4a to 8b

Neat, compact and floriferous with pink flowers.

OENOTHERA ●
(EVENING PRIMROSE)
Oenothera macrocarpa ssp. fremontii

'SHIMMER'

PLANTHAVEN INT'L, INC.
Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5a to 8b
PP19,663

Papery, lemon yellow flowers and narrow, silvery foliage.

ORIGANUM ●
(ORNAMENTAL OREGANO)
Origanum rotundifolium

'KENT BEAUTY'

Height: 4 in. (10 cm)
Bloom Months: August to September
USDA Hardiness Zones: 5a to 8b

Clusters of hop-like, pendant bracts; color segues from green to mauve-pink.

ORIGANUM ●
(OREGANO)
Origanum vulgare

'AUREUM'

Height: 12 in. (30 cm)
USDA Hardiness Zones: 5a to 9b

Golden Oregano with light lavender-purple flowers and chartreuse, spreading foliage.

GREEK

Height: 12 to 28 in. (30 to 71 cm)
USDA Hardiness Zones: 4a to 9b

Strong-growing, hardy strain.

'HOT AND SPICY'

Height: 24 to 30 in. (61 to 76 cm)
USDA Hardiness Zones: 5a to 9b

Highly aromatic scent and spicy flavor. White flowers in Summer.

VARIEGATED

Height: 16 in. (41 cm)
USDA Hardiness Zones: 4a to 9b

Green with creamy variegated edge.

ORIGANUM ●
(OREGANO)
Origanum x majoricum

ITALIAN

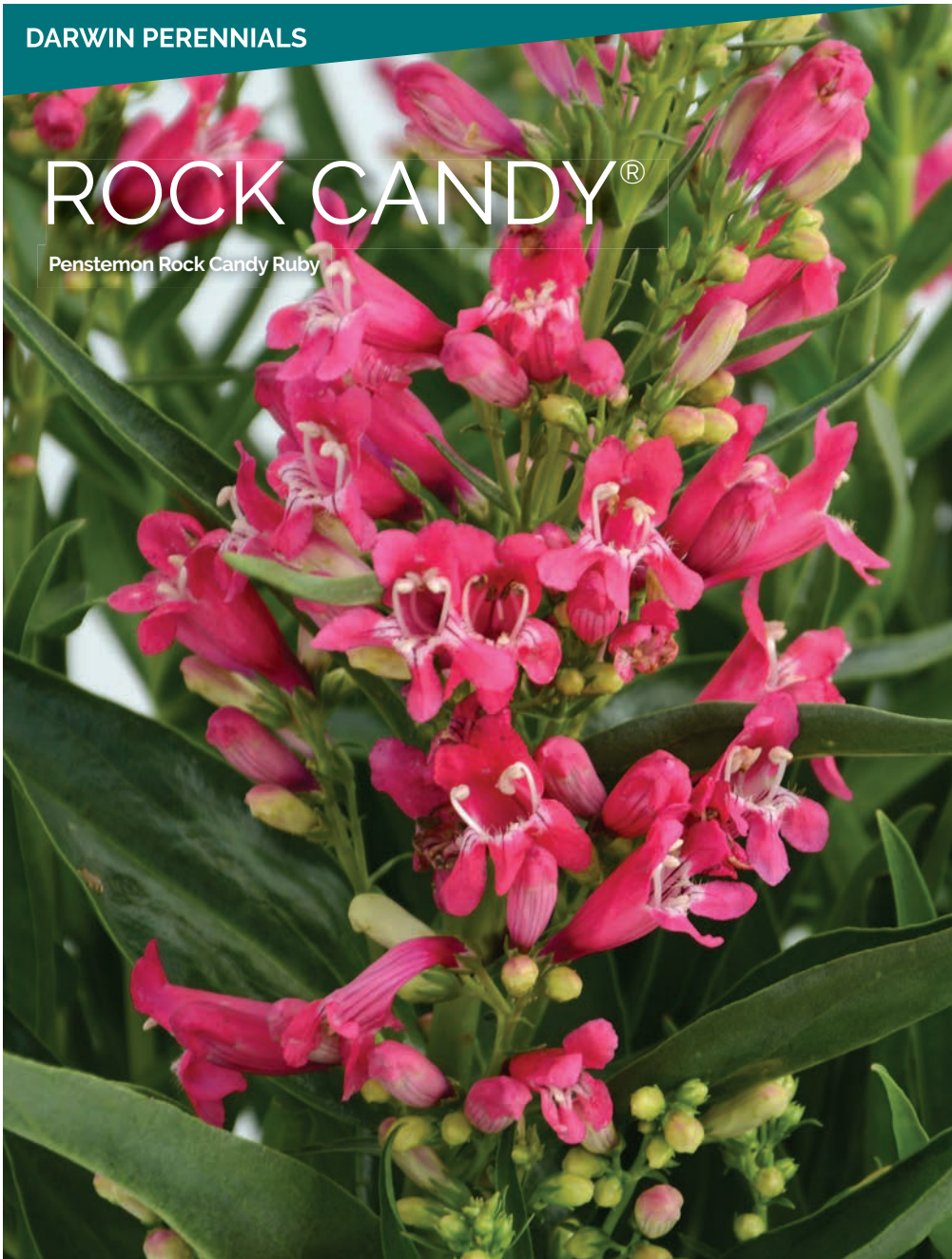
Height: 18 to 24 in. (46 to 61 cm)
USDA Hardiness Zones: 5a to 9b

Deliciously scented culinary herb.

DARWIN PERENNIALS

ROCK CANDY®

Penstemon Rock Candy Ruby



PENSTEMON (BEARD TONGUE)
Penstemon barbatus

ROCK CANDY® SERIES

DARWIN PERENNIALS

First Year Flowering

Height: 12 in. (30 cm)

Bloom Months: April to September

USDA Hardiness Zones: 5a to 8b

Compact varieties bloom in bold colors... "sweet as candy, tough as nails!"

- Bell-shaped blooms on compact flower spikes.
- Plump panicles stand out against green foliage.
- Fits well at the front of a border, along walkways and in containers.
- Hardy to Zone 5.

Blue 'Novapenblu' PP27,786

Light Pink 'Novapenlig' PP27,787

Pink 'Novapenpin' PP26,701

Ruby 'Novapenrub' PP27,820

DARWIN PERENNIALS



Penstemon Rock Candy Blue

DARWIN PERENNIALS



Penstemon Rock Candy Light Pink

DARWIN PERENNIALS



Penstemon Rock Candy Pink

DARWIN PERENNIALS



Penstemon Rock Candy Ruby

DARWIN PERENNIALS



Penstemon Mini-Bells Red

DARWIN PERENNIALS



Penstemon Mini-Bells Lavender Bicolor



Penstemon 'Blackbeard'

PENSTEMON ●
(BEARD TONGUE)
Penstemon digitalis

'BLACKBEARD'

WALTERS GARDENS
Height: 28 to 34 in. (71 to 86 cm)
Bloom Months: July
USDA Hardiness Zones: 3a to 8b
PP30.052

Named for the famous black-bearded pirate, this perennial has incredibly dark, eggplant purple foliage. Dark purple flower stems hold its lilac-purple flowers with white flaring tubes. Stays strictly upright all season long.

PENSTEMON ●
(BEARD TONGUE)
Penstemon hybrida

MINI-BELLS™ SERIES

DARWIN PERENNIALS

First Year Flowering
Height: 16 to 18 in. (41 to 46 cm)
Bloom Months: June to August
USDA Hardiness Zones: 7a to 9a

Flowers profusely in early Spring and reblooms in Fall.

- Compact, interspecific Penstemon.
- Full, upright habit.
- Dark green foliage.



Penstemon 'Onyx and Pearls'

'ONYX AND PEARLS'

WALTERS GARDENS
Height: 42 in. (107 cm)
Bloom Months: July
USDA Hardiness Zones: 3a to 8b
PP32.613

Tall, upright variety gives height to any garden, with creamy-white flowers that contrast beautifully against striking purple foliage. Attracts pollinators; heat and drought tolerant.

Lavender Bicolor Rich lavender flowers have a white throat.
'Balmiblavbi' PP30.698
Red Stunning rose-red flowers.
'Balmibred' PP30.699

CHERRY SPARKS

PENSTEMON 
(BEARD TONGUE)
Penstemon hybrida

'CHERRY SPARKS'

DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: May to August

USDA Hardiness Zones: 5a to 9b

PP28,869

Double the flowering time for longer shipping and selling window, plus more color in the garden.

- Bigger blooms with bright, cherry-red color.
- More heat tolerant and Winter hardy than other varieties.
- Sterile, long-flowering variety, without the unsightly seed heads.



Penstemon 'Cherry Sparks'

DARWIN PERENNIALS



Penstemon MissionBells Deep Rose

PENSTEMON ●
(BEARD TONGUE)
Penstemon hybrida

MISSIONBELLS™ DEEP ROSE

DARWIN PERENNIALS

First Year Flowering

Height: 20 to 24 in. (51 to 61 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5a to 9b
'Balmibepro' PP28,852

Fast fill and double the flowering window for extended shipping, selling and seasonal color.

- Makes a bold presentation at retail for great sell-through.
- Loaded with blooms for a spectacular garden show from Spring to Fall.
- Sterile, non-invasive variety with attractive dark stems for contrast.

DARWIN PERENNIALS



Penstemon Quartz Amethyst

DARWIN PERENNIALS



Penstemon Quartz Red

DARWIN PERENNIALS



Penstemon Quartz Rose

QUARTZ® SERIES

DARWIN PERENNIALS

First Year Flowering

Height: 20 to 24 in. (51 to 61 cm)
Bloom Months: July to August
USDA Hardiness Zones: 6a to 9b

Reblooms throughout the season for high-impact color.

- Sturdy, upright habit.
- Good basal branching.

Amethyst *'Novapenname'* PP27,821
Red Vivid orange/red variety is very heat tolerant and long flowering. *'Balquered'* PP32,296
Rose *'Novapenos'* PP27,919

DARWIN PERENNIALS



Perovskia Little Lace



Perovskia 'Rocketman'

PENSTEMON ●
(BEARD TONGUE)
Penstemon x mexicali

PIKE'S PEAK PURPLE®

PLANT SELECT

Height: 30 in. (76 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 9b
'P007S'

Grape jelly-colored flowers with striped throats on a bushy clump of narrow, green leaves.

PIKE'S PEAK PURPLE is a U.S. registered trademark of Plant Select.

RED ROCKS®

PLANT SELECT

Height: 30 in. (76 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 9b
'P008S'

Bright rose flowers with magenta-veined white throats on an attractive mound of narrow, dark green leaves.

RED ROCKS is a U.S. registered trademark of Plant Select.

PEROVSKIA ●
(RUSSIAN SAGE)
Perovskia atriplicifolia

Height: 36 to 60 in. (91 to 152 cm)
Bloom Months: July to September
USDA Hardiness Zones: 4a to 9b

Spikes of light blue flowers over aromatic, gray-green foliage. Standard variety Perovskia.

PEROVSKIA ●
(RUSSIAN SAGE)
Perovskia atriplicifolia

LITTLE LACE

DARWIN PERENNIALS

First Year Flowering
Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: July to September
USDA Hardiness Zones: 4a to 9b
'Novaperlac' PP26,618

Long-lasting purple flower spikes create a lot of flower power.

- Unique growth habit combines a shorter plant with great uniformity.
- A good choice for xeric areas.



Perovskia atriplicifolia

'ROCKETMAN'

WALTERS GARDENS

Height: 30 to 36 in. (76 to 91 cm)
Bloom Months: August
USDA Hardiness Zones: 4a to 9b
PP27,526

A narrower, upright, vase-shaped habit and relatively short stature set this Perovskia apart. Its aromatic, gray-green, non-dissected leaves line the silvery stems, which are topped with large, fluffy-textured, lavender-blue flowers.



Penstemon Red Rocks

Penstemon Pike's Peak Purple



Perovskia 'Blue Jean Baby'

PEROVSKIA ●
(RUSSIAN SAGE)
Perovskia atriplicifolia

'BLUE JEAN BABY'

WALTERS GARDENS

Height: 28 to 34 in. (71 to 86 cm)
Bloom Months: August
USDA Hardiness Zones: 4a to 9b
 PP29,281

TOP SELLER A shorter, manageable Russian Sage that is still vigorous in the landscape and production. Lavender-blue flowers held in smoky purple calyxes bloom for a long period starting in mid-Summer, with the color from the calyxes extending appeal into Fall.



Perovskia 'CrazyBlue'

DARWIN PERENNIALS

'CRAZYBLUE'

DARWIN PERENNIALS

First Year Flowering

Height: 16 to 18 in. (41 to 46 cm)
Bloom Months: July to September
USDA Hardiness Zones: 4a to 9b
 PP25,639

TOP SELLER Excellent garden performance.

- Unique, interlacing branches prevent breakage during shipping.
- Looks good longer at retail and in patio containers.
- Deeper blue flowers than any other Perovskia.

PHLOX

Phlox Ka-Pow Pink

AT-A-GLANCE HEIGHT COMPARISONS

Phlox paniculata





DARWIN PERENNIALS

KA-POW®

Phlox Ka-Pow White Bicolor

PHLOX 
 (HYBRID PHLOX)
Phlox paniculata

KA-POW® SERIES

DARWIN PERENNIALS

First Year Flowering

Height: 16 to 18 in. (41 to 46 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4b to 9a

Ka-Pow packs a punch!

- Compact *Phlox paniculata* series is well branched and uniform.
- Features vibrant colors and powdery mildew resistance.

Lavender 'Balkapolav' PP30,780

Pink 'Balkapopink' PP30,779

TOP SELLER Purple 'Balkapopur' PP30,781

NEW Soft Pink Clear soft pink color. 'Balkaposin' PPAF

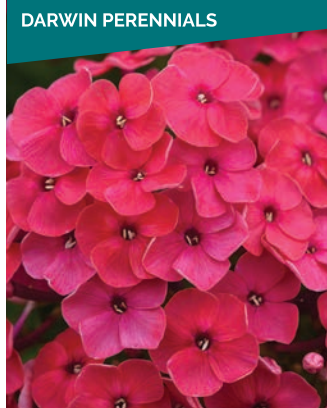
White Early-flowering, clear white flower with a slight blush-pink center. 'Balkapowi' PPAF

White Bicolor 'Balkapowibi' PP30,782



DARWIN PERENNIALS

Phlox Ka-Pow Lavender



DARWIN PERENNIALS

Phlox Ka-Pow Pink



DARWIN PERENNIALS

Phlox Ka-Pow Purple



DARWIN PERENNIALS

Phlox Ka-Pow Soft Pink



DARWIN PERENNIALS

Phlox Ka-Pow White



DARWIN PERENNIALS

Phlox Ka-Pow White Bicolor

DARWIN PERENNIALS

SUPER KA-POW™

Phlox Super Ka-Pow Lavender



PHLOX (HYBRID PHLOX)
Phlox paniculata

SUPER KA-POW™ SERIES

DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: June to August

USDA Hardiness Zones: 4b to 9a

Super-sized for more power!

- Robust *Phlox paniculata* series features super-sized blooms, a super-sized habit and better branching than other leading *paniculata* series.
- Features vibrant colors, Winter hardiness and powdery mildew resistance.

NEW Blue 'Balsukalu' PPAF

NEW Coral 'Balsukaco' PPAF

Fuchsia Bright fuchsia-pink color. 'Balsukafus' PPAF

Lavender Vibrant lavender flowers. 'Balsukalav' PPAF

Pink Striking pink blooms. 'Balsukapin' PPAF

White White flower with a blush-pink eye. 'Balsukawi' PPAF

DARWIN PERENNIALS



NEW

Phlox Super Ka-Pow Blue

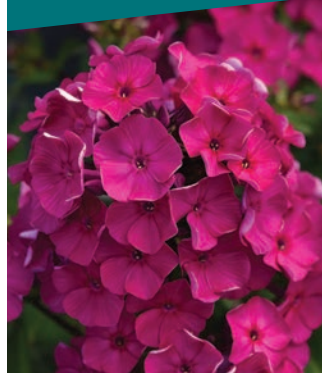
DARWIN PERENNIALS



NEW

Phlox Super Ka-Pow Coral

DARWIN PERENNIALS



Phlox Super Ka-Pow Fuchsia

DARWIN PERENNIALS



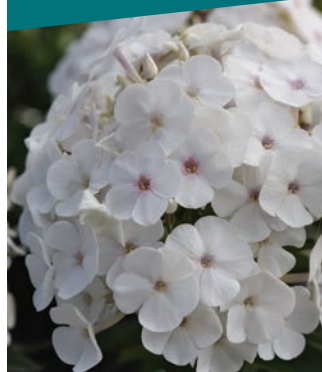
Phlox Super Ka-Pow Lavender

DARWIN PERENNIALS



Phlox Super Ka-Pow Pink

DARWIN PERENNIALS



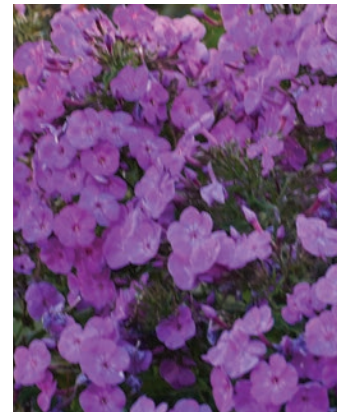
Phlox Super Ka-Pow White



Phlox 'Fashionably Early Crystal'



Phlox 'Fashionably Early Flamingo'



Phlox Garden Girls 'Cover Girl'



Phlox 'Fashionably Early Lavender Ice'



Phlox 'Fashionably Early Princess'



Phlox Garden Girls 'Glamour Girl'



Phlox Garden Girls 'Party Girl'



Phlox Garden Girls 'Uptown Girl'

FASHIONABLY EARLY SERIES

WALTERS GARDENS

Height: 28 to 36 in. (71 to 91 cm)

Bloom Months: July

USDA Hardiness Zones: 4a to 8b

This series of early-blooming hybrid Phlox works well for the middle to back of the border. Exceptional mildew resistance; thick, leathery leaves and a stoloniferous habit. Boasts a long season of color with some reblooming in Fall.

'Fashionably Early Crystal' Pure white flowers with a faint, light purple eye and broad, dark green foliage. PP28,679

'Fashionably Early Flamingo' Perfectly defined panicles of light lavender-pink flowers with broad, thick, bright green foliage. PP29,912

'Fashionably Early Lavender Ice' Pale lavender flowers with a lavender-pink eye over narrow, spiky, dark green foliage. PP29,912

'Fashionably Early Princess' Light fuchsia-pink flowers with a darker pink eye over broad, thick, glossy green foliage. PP28,680

GARDEN GIRLS™ COLLECTION

WALTERS GARDENS

Height: Varies by Variety

Bloom Months: July to August

USDA Hardiness Zones: 3a to 8b

Tall garden Phlox collection topped with large panicles of vibrant-colored flowers. These varieties thrive in the heat and attract pollinators for a big show in the garden and containers.

'Cover Girl' Height: 32 to 42 in. (81 to 107 cm) Upright variety with lavender-violet flowers and medium green foliage. PP32,323

TOP SELLER 'Glamour Girl' Height: 32 to 42 in. (81 to 107 cm) Bright green foliage and hot coral-pink, fragrant flowers on dark stems. Powdery mildew resistant. PP25,778

'Party Girl' Height: 28 to 32 in. (71 to 81 cm) Dark green foliage and white flowers with star-shaped, light pink centers. PP32,324

'Uptown Girl' Height: 32 to 42 in. (81 to 107 cm) A rose-pink variety with powdery mildew resistance and impressive reblooming. PP32,287

GARDEN GIRLS is a U.S. trademark of Walters Gardens.



Phlox 'Baby Doll Pink'



Phlox 'Cherry Cream'



Phlox 'Magenta Pearl'



Phlox 'Bright Eyes'

© The John Henry Company



Phlox 'Laura'



Phlox 'Nicky'



Phlox 'Norah Leigh'



Phlox 'Red Riding Hood'



Phlox 'Starfire'



Phlox Yunique Old Blue



Phlox Yunique Red

PHLOX (HYBRID PHLOX) *Phlox paniculata*

'BABY DOLL PINK'

WALTERS GARDENS

Height: 12 to 16 in. (30 to 41 cm)
Bloom Months: July to August
USDA Hardiness Zones: 4a to 8b
PP32,025

At just 1 ft. (30 cm) tall, this perennial is easy to tuck into small spaces in the garden or for use in containers. Bright pink flowers with a white halo form a mass of blooms on top of the dark green foliage.

'BRIGHT EYES'

Height: 24 to 30 in. (61 to 76 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4a to 8b

Fragrant blooms are pale pink with crimson eye.

'CHERRY CREAM' DARWIN PERENNIALS

First Year Flowering

Height: 22 to 26 in. (56 to 66 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4b to 9a
PP29,910

A bright display of large, cream and pink flowers with rose eyes that is stunning in the garden.

- Medium-height, self-branching and powdery mildew-resistant Phlox offers uniform production.
- Can be used as cut flowers as well.

'LAURA'

Height: 24 to 30 in. (61 to 76 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4a to 8b

Large, fragrant, fuchsia-purple blooms with white, star-shaped patterns.

'MAGENTA PEARL'

WALTERS GARDENS

Height: 20 to 24 in. (51 to 61 cm)
Bloom Months: July to August
USDA Hardiness Zones: 4a to 8b
PPAF

Lavender pink flowers have a slight halo. Flowers densely pack the habit at peak bloom; excellent reblooming.

'NICKY'

Height: 24 to 36 in. (61 to 91 cm)
Bloom Months: July to September
USDA Hardiness Zones: 4a to 8b

Intense, deep magenta-purple flower heads.

'NORAH LEIGH'

Height: 36 in. (91 cm)
Bloom Months: July to September
USDA Hardiness Zones: 4a to 8b

Pale pink flowers and variegated, creamy-white leaves with thin, green centers.

'RED RIDING HOOD'

Height: 22 in. (56 cm)
Bloom Months: July
USDA Hardiness Zones: 3a to 8b

Clusters of cherry-red flowers make a tremendous color statement in the garden.

'STARFIRE'

Height: 36 in. (91 cm)
Bloom Months: July to September
USDA Hardiness Zones: 4a to 8b

Brilliant red flowers atop deep bronze/green foliage.

YOUNIQUE SERIES

COMPASS PLANTS, B.V.

Height: 14 to 16 in. (36 to 41 cm)
Bloom Months: June to July
USDA Hardiness Zones: 5a to 9b

Great series of large-flowered, compact garden Phlox.

Old Blue 'Versoldblue' PP26,070
Red 'Versred' PP28,144



Phlox 'Bedazzled Lavender'



Phlox 'Rocky Road Grape'



Phlox 'Bedazzled Orchid'



Phlox 'Bedazzled Pink'



Phlox 'Rocky Road Magenta'



Phlox 'Rocky Road Pink'



Phlox 'Rocky Road Violet Blue'



Phlox Paparazzi Angelina



Phlox Paparazzi Jagger

PHLOX 
(HYBRID PHLOX)
Phlox hybrida

BEDAZZLED SERIES

WALTERS GARDENS
Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: June
USDA Hardiness Zones: 4a to 8b

Blooms about a week earlier than *Phlox subulata*, with star-shaped, notched flowers.

- 'Bedazzled Lavender' Lavender flowers with lighter halo centers and a dark purple, star-shaped eye. PP31.168
- 'Bedazzled Orchid' Lavender flowers with lighter halo centers and a dark purple eye. PP31.483
- 'Bedazzled Pink' PP32.063

PAPARAZZI® COLLECTION

Height: 8 to 10 in. (20 to 25 cm)
Bloom Months: April to June
USDA Hardiness Zones: 6a to 11

Early flowering and great heat and humidity tolerance for durability in pots and in the landscape.

- Angelina** 'PPPHL07301' PP23.702
- Jagger** 'PHL090201' PP26.854

PAPARAZZI is a U.S. registered trademark of Plant 21.

ROCKY ROAD SERIES

WALTERS GARDENS
Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: May to June
USDA Hardiness Zones: 4a to 8b

The perfect Spring groundcover for dry rock gardens.

- 'Rocky Road Grape' Red-purple flowers with unique notched petals. PP32.248
- 'Rocky Road Magenta' Magenta flowers have a small, dark eye. PP31.485
- 'Rocky Road Pink' PP31.486
- 'Rocky Road Violet Blue' PP32.288



Phlox 'Amethyst Pearl'

PHLOX 
(HYBRID PHLOX)
Phlox hybrida

'AMETHYST PEARL'

WALTERS GARDENS
Height: 18 in. (46 cm)
Bloom Months: July
USDA Hardiness Zones: 3a to 8b
PP28,487

Loose, rounded panicles of light amethyst-pink flowers, with foliage that stays clean. Reblooms in Fall if deadheaded.

'PINK MINUET'

WALTERS GARDENS
Height: 8 to 10 in. (20 to 25 cm)
Bloom Months: June
USDA Hardiness Zones: 3a to 8b
PP31,170

A hybrid for Spring that blooms after *Phlox subulata*, but before *Phlox paniculata*. Rosy-pink flowers are produced over a low, mounding habit of dark green foliage.

PHLOX 
(CREEPING PHLOX)
Phlox hybrid

'VIOLET PINWHEELS'

CHICAGOLAND GROWS, INC.
Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: March to May
USDA Hardiness Zones: 4a to 8b
PP25,884

Plants feature low mounds of soft, dark green, needle-like foliage and vivid purple flowers with notched, upturned petals.

PHLOX  
(WOODLAND PHLOX)
Phlox divaricata

'BLUE MOON'

Height: 12 in. (30 cm)
Bloom Months: April to May
USDA Hardiness Zones: 4a to 8b

Loads of fragrant, dark blue flowers.

'MAY BREEZE'

Height: 15 to 18 in. (38 to 46 cm)
Bloom Months: April to May
USDA Hardiness Zones: 4a to 8b

Sweetly fragrant, star-shaped flowers and dark green foliage.



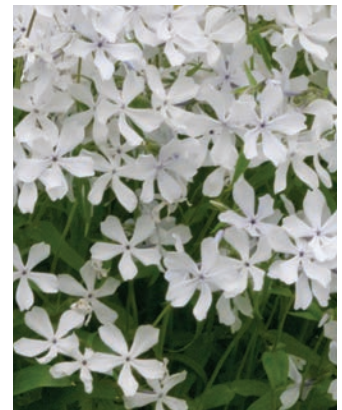
Phlox 'Violet Pinwheels'



Phlox 'Pink Minuet'



Phlox 'Blue Moon'



Phlox 'May Breeze'



Phlox 'Eye Candy'



Phlox 'Eye Shadow'



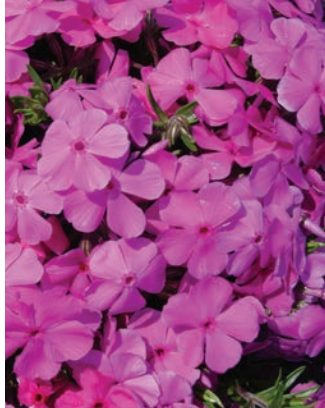
Phlox 'Eye Caramba'



Phlox 'Candy Stripe'



Phlox 'Coral Eyes'



Phlox 'Drummond's Pink'

PHLOX 
(MOSS PHLOX)
Phlox subulata

'AMAZING GRACE'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: March to April
USDA Hardiness Zones: 3a to 8b

White petals with a dash of red in the center; matures to pale pink.

'CANDY STRIPE'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: March to April
USDA Hardiness Zones: 3a to 8b

Low-growing plants form a carpet of white flowers striped with pink.

'CORAL EYES'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: March to April
USDA Hardiness Zones: 3a to 8b

Blush-pink flowers with a coral-red eye and green, needle-like leaves.

'CRIMSON BEAUTY'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: March to April
USDA Hardiness Zones: 3a to 8b

Rosy-red blooms in early Spring.



Phlox 'Emerald Cushion Blue'



Phlox 'Emerald Pink'

'DRUMMOND'S PINK'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: March to April
USDA Hardiness Zones: 3a to 8b

The largest flowers of its type are pink with deep pink centers.

'EMERALD BLUE'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: March to April
USDA Hardiness Zones: 3a to 8b

Clear lavender-blue flowers in early Spring.

'EMERALD CUSHION BLUE'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: March to April
USDA Hardiness Zones: 3a to 8b

Lavender-blue flowers on a superior mounding habit.

'EMERALD PINK'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: March to April
USDA Hardiness Zones: 3a to 8b

Short, compact, mounded variety with long-flowering, pink blooms.

'EYE CANDY'

WALTERS GARDENS
Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: June
USDA Hardiness Zones: 2a to 9b
PP31.484

Perfect groundcover for Spring with a vigorous habit. Light lavender-pink flowers have a dark wine-purple eye.

'EYE CARAMBA'

WALTERS GARDENS
Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: April to June
USDA Hardiness Zones: 2a to 9b
PPAF

'Eye Caramba' features medium pink flowers with a red eye. The 0.75-in. (2-cm) flowers are notably larger than typical *Phlox subulata*.

'EYE SHADOW'

WALTERS GARDENS
Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: June
USDA Hardiness Zones: 2a to 9b
PP31.169

Perfect groundcover for Spring with a vigorous habit. Vibrant, rosy-purple flowers have a dark purple eye.



Physostegia Autumn Carnival



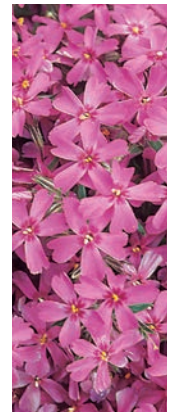
Phlox 'Fort Hill'



Phlox 'Oakington Blue Eyes'



Phlox 'Purple Beauty'



Phlox 'Red Wings'



Phlox 'Scarlet Flame'



Phlox 'Snowflake'



Phlox 'White Delight'



Physostegia 'Miss Manners'

PHLOX 
(MOSS PHLOX)
Phlox subulata

'FORT HILL'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: March to April
USDA Hardiness Zones: 3a to 8b

Fringed, slightly fragrant, deep pink flowers with dark eye.

'OAKINGTON BLUE EYES'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: March to April
USDA Hardiness Zones: 2a to 8b

Evergreen mats of pine needle-like foliage with sky blue flowers.

'PURPLE BEAUTY'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: March to April
USDA Hardiness Zones: 2a to 8b

Deep purple blooms.

'RED WINGS'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: March to April
USDA Hardiness Zones: 3a to 8b

Vigorous, with striking rosy-red flowers in early Spring.

'RONSDORFER BEAUTY'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: March to April
USDA Hardiness Zones: 2a to 8b

Rich rose-pink flowers with magenta-red center ring.

'SCARLET FLAME'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: March to April
USDA Hardiness Zones: 3a to 8b

Rosy-red, star-shaped flowers over creeping, needle-like, evergreen foliage.

'SNOWFLAKE'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: March to April
USDA Hardiness Zones: 3a to 8b

A profusion of bright white blooms on a short, tight habit.

'WHITE DELIGHT'

Height: 3 to 6 in. (8 to 15 cm)
Bloom Months: March to April
USDA Hardiness Zones: 3a to 8b

Pure white flowers on vigorous, dark green, spreading foliage.

PHYSOSTEGIA 
(OBEDIENT PLANT, FALSE DRAGONHEAD)
Physostegia virginiana

AUTUMN CARNIVAL

WALTER BLOM PLANTS, B.V.

Height: 15 to 17 in. (38 to 43 cm)
Bloom Months: August to September
USDA Hardiness Zones: 5a to 9b
'NICAUCA' PP29,859

Perfect for Summer flowering programs.

'MISS MANNERS'

PLANTHAVEN INT'L, INC.

Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: June to August
USDA Hardiness Zones: 3a to 9b
PP12,637

White flowers against dark foliage with sturdy stems: very "well-behaved".



Rudbeckia 'Viette's Little Suzy'

PRUNELLA ●
(SELF-HEAL)
Prunella hybrid

'SUMMER DAZE'

PLANTHAVEN INT'L, INC.
Height: 12 to 14 in. (30 to 36 cm)
Bloom Months: June to July
USDA Hardiness Zones: 5a to 7b
PP19,609

Pink flower clusters and attractive oakleaf foliage and habit.

ROSMARINUS ●
(ROSEMARY)
Rosmarinus officinalis

'ARP'

Height: 60 in. (152 cm)
USDA Hardiness Zones: 7a to 11

Tender perennial with needle-like leaves, woody stems and sparkling blue flowers.

'BARBECUE'

Height: 36 to 48 in. (91 to 122 cm)
USDA Hardiness Zones: 8a to 11

TOP SELLER Tender perennial has upright habit with long, sturdy stems perfect for skewers.



Prunella 'Summer Daze'



Rosmarinus 'Arp'



Rosmarinus 'Barbecue'



Rosmarinus 'Gorizia'



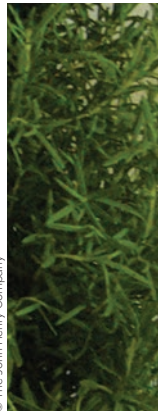
Rosmarinus 'Huntington Carpet'



Rosmarinus officinalis



Rosmarinus 'Prostratus'



Rosmarinus 'Salem'



Rosmarinus 'Spice Island'



Rosmarinus 'Tuscan Blue'



Sagina 'Aurea'



Sagina Irish Moss

'GORIZIA'

Height: 48 to 60 in. (122 to 152 cm)
USDA Hardiness Zones: 8a to 11

Upright, tender perennial with strong, dark green foliage and blue flowers.

'HUNTINGTON CARPET'

Height: 18 in. (46 cm)
USDA Hardiness Zones: 8a to 11

Prostrate, tender perennial with strong, green foliage and blue flowers.

ROSMARINUS ●
(ROSEMARY)
Rosmarinus officinalis

Height: 48 to 60 in. (122 to 152 cm)
USDA Hardiness Zones: 8a to 11

Shrubby, tender perennial has evergreen, needle-like leaves with a pungent, pine scent. Standard variety Rosemary.

'PROSTRATUS'

Height: 6 to 12 in. (15 to 30 cm)
USDA Hardiness Zones: 8a to 11

Low-growing, tender perennial's flexible stems make great living wreaths and topiaries.

'SALEM'

Height: 36 in. (91 cm)
USDA Hardiness Zones: 8a to 11

Tender perennial but hardier than most. Tidy, upright habit.

'SPICE ISLAND'

Height: 24 to 36 in. (61 to 91 cm)
USDA Hardiness Zones: 8a to 11

Vigorous, tender perennial with thick, sturdy, dark green foliage.

'TUSCAN BLUE'

Height: 36 in. (91 cm)
USDA Hardiness Zones: 8a to 11

TOP SELLER Tender perennial has bushy, upright, spreading habit and larger leaves than most.

RUDBECKIA ●
(BLACK-EYED SUSAN)
Rudbeckia speciosa

'VIETTE'S LITTLE SUZY'

MUST HAVE PERENNIALS
Height: 26 to 32 in. (66 to 81 cm)
Bloom Months: July to frost
USDA Hardiness Zones: 4a to 8b

Very floriferous habit, with deep yellow flowers on sturdy stems and beautiful mahogany foliage in Fall.

SAGINA ●●
(PEARLWORT)
Sagina subulata

'AUREA'

Height: 2 in. (5 cm)
Bloom Months: May to June
USDA Hardiness Zones: 4a to 7b

Scotch Moss forms a chartreuse groundcover with tiny, white flowers.

IRISH MOSS

Height: 2 in. (5 cm)
Bloom Months: May to June
USDA Hardiness Zones: 4a to 7b

Solid green, tight grower with small, white flowers.

SALVIA

Salvia 'Blue by You'



DARWIN PERENNIALS

ROSE MARVEL



Salvia 'Rose Marvel'

SALVIA 
(SAGE)
Salvia nemorosa

'ROSE MARVEL'

DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: March to September

USDA Hardiness Zones: 4a to 9b

PP30,118

TOP SELLER Brings a rich, deep rose color to the popular Marvel family.

- The largest flowers of any rose-colored *Salvia nemorosa*.
- Can be positioned as a premium perennial item, creating more opportunity for grower margin.
- Features a long flowering window and reblooms without being cut back.
- Ultra-large flowers provide more color and impact in the landscape.

SALVIA 
(SAGE)

Salvia nemorosa

'SKY BLUE MARVEL'

DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: March to September

USDA Hardiness Zones: 4a to 9b

PP30,658

The Marvel family has the largest flowers of any *Salvia nemorosa* on the market.

- Light blue addition to the Marvel family, with the same great habit as 'Blue Marvel' and 'Rose Marvel'.
- Enjoy the stunning display of color in Spring and Summer.
- Little to no maintenance required in the garden.



Salvia 'Sky Blue Marvel'

'BLUE MARVEL'

DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: March to September

USDA Hardiness Zones: 4a to 9b

CPBR5343; PP27,018

The largest flowers of any *S. nemorosa*!

- Innovative variety can be finished as a first-year-flowering perennial.
- No PGRs needed!
- Outstanding habit and reliable reblooming for landscapes and container gardening.
- Ideal for positioning as a premium perennial item for a greater profit margin opportunity.



Salvia 'Blue Marvel'

DARWIN PERENNIALS

LYRICAL™

Salvia Lyrical Blues



SALVIA (SAGE)
Salvia nemorosa

LYRICAL™ SERIES

DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: March to September

USDA Hardiness Zones: 4a to 9b

Easy-to-grow, well-matched series in unique, eye-catching colors.

- Deeply toned buds and calyxes for longer garden color on Lyrical Blues, Rose and Silvertone.
- Silvertone is the first bicolor Salvia, featuring blue blooms with silver edges.
- Robust, well-branched plants with a manageable habit readily fill gallon containers.
- More flowers per container for extra show at retail.
- Excellent reblooming and heat tolerance.

Blues 'Balyriclu' PP22,919

Rose 'Balyricose' PP24,274

Silvertone 'Balyricsil' PP23,310

White 'Florsalwhite' PP21,243

DARWIN PERENNIALS



Salvia Lyrical Blues

DARWIN PERENNIALS



Salvia Lyrical Rose

DARWIN PERENNIALS



Salvia Lyrical Silvertone

DARWIN PERENNIALS



Salvia Lyrical White



Salvia 'Tidal Pool'



Salvia Sensation Compact Deep Blue



Salvia Sensation Compact Sky Blue



Salvia Sensation Compact White

SALVIA ●
(SAGE)

Salvia nemorosa

SENSATION™ COMPACT SERIES

FLORENSIS, B.V.

Height: 12 to 14 in. (30 to 36 cm)
Bloom Months: April to August
USDA Hardiness Zones: 5a to 9b

Well-branched, compact series features rich displays of early-Summer color. Attracts hummingbirds and butterflies.

Deep Blue 'Florsaldblue' PP21,297
Sky Blue 'Florsalsbu'
White 'Florsalcwh'

SENSATION is a U.S. trademark of Florensis, B.V.

SENSATION™ MEDIUM SERIES

FLORENSIS, B.V.

Height: 12 to 14 in. (30 to 36 cm)
Bloom Months: April to August
USDA Hardiness Zones: 5a to 9b

Well-branched, medium-habit series features bold displays of early-Summer color. A magnet for hummingbirds and butterflies.

Deep Blue 'Florsaldeep'
Deep Rose 'Florsaldro'

SENSATION is a U.S. trademark of Florensis, B.V.

'TIDAL POOL'

WALTERS GARDENS

Height: 18 to 20 in. (46 to 51 cm)
Bloom Months: May to August
USDA Hardiness Zones: 3a to 8b
PPAF

Bicolor flowers have violet blue hoods and lighter insides. Individual flowers are larger than typical *S. nemorosa* and cover a low, wide habit.



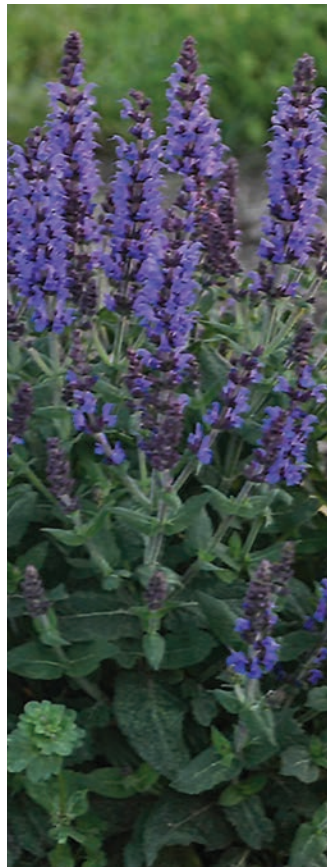
Salvia Sensation Medium Deep Blue



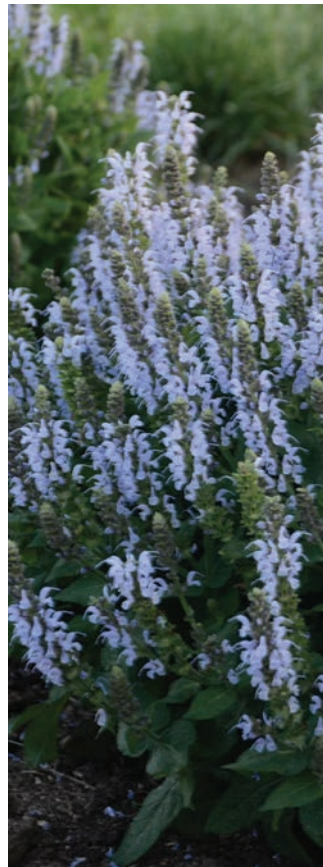
Salvia Sensation Medium Deep Rose



Salvia 'Bumbleberry'



Salvia 'Bumbleblue'



Salvia 'Bumblesky'



Salvia 'Bumblesnow'

'BLUE HILL'

Height: 20 in. (51 cm)
Bloom Months: Mid-May to July
USDA Hardiness Zones: 4a to 9b

Long-bloomer produces lilac-blue flowers on neat clumps of gray-green foliage.

'BUMBLEBERRY'

WALTERS GARDENS
Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: June to July
USDA Hardiness Zones: 3a to 8b
PP31,602

Bees and other pollinators swarm to this perennial in droves. Dark fuchsia-pink flowers with dark wine-purple calyxes on a petite habit of attractive deep green foliage. The deep, intense color makes other pink Salvias pale in comparison. This cute, small-sized package is perfect for the front of the border or grown in a quart pot.

'BUMBLEBLUE'

WALTERS GARDENS
Height: 12 to 14 in. (30 to 36 cm)
Bloom Months: June to July
USDA Hardiness Zones: 3a to 8b
PP30,084

Attracts bees and other pollinators in droves. A prolific bloomer, producing loads of violet-blue flowers on a petite habit of healthy, deep green foliage. Perfect for the front of the border or grown in a quart pot.

'BUMBLESKY'

WALTERS GARDENS
Height: 14 to 16 in. (36 to 41 cm)
Bloom Months: June to July
USDA Hardiness Zones: 3a to 8b
PP30,085

Bees and other pollinators are attracted to this perennial in droves. Features light sky blue flowers on a low, rounded habit of healthy, deep green foliage. This cute, small-sized package is perfect for the front of the border or grown in a quart pot.

'BUMBLESNOW'

WALTERS GARDENS
Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: June to July
USDA Hardiness Zones: 3a to 8b
PP31,399

Pure white flowers are produced on a petite habit with good reblooming if deadheaded.

'CARADONNA'

Height: 24 to 30 in. (61 to 76 cm)
Bloom Months: Mid-May to July
USDA Hardiness Zones: 4a to 9b

Rich, violet-blue flowers on glowing, purple-black stems.

MARCUS®

RIJNBEEK & ZN, B.V.
Height: 8 to 12 in. (20 to 30 cm)
Bloom Months: Mid-May to July
USDA Hardiness Zones: 4a to 9b
'Haeumanarc' PP13,322

Compact variety has a broad, spreading habit and violet-blue flowers, perfect for edging, containers and small spaces.

MARCUS is a registered trademark of Häussermann Stauden & Gehölze GbR.



Salvia Pineapple Sage



Salvia 'Wendy's Wish'



Salvia 'Black & Blue'



Salvia 'Furman's Red'



Salvia 'Santa Barbara'



Salvia 'East Friesland'



Salvia May Night



Salvia 'Snow Hill'

SALVIA ●
(SAGE)

Salvia elegans

PINEAPPLE SAGE

Height: 36 in. (91 cm)
USDA Hardiness Zones: 8a to 11

Tender perennial with pineapple-scented foliage and red flowers.

SALVIA ●
(SAGE)

Salvia hybrid

'WENDY'S WISH'

PLANTHAVEN INT'L, INC.
Height: 30 to 40 in. (76 to 102 cm)
Bloom Months: July to frost
USDA Hardiness Zones: 9a to 10a
PP21.889

Vivid magenta, tubular flowers with fluted tips atop large, glossy foliage and a compact, slightly open habit. Great for use in landscapes and containers.

SALVIA ●
(SAGE)

Salvia guaranitica

'BLACK & BLUE'

Height: 24 to 36 in. (61 to 91 cm)
Bloom Months: August to frost
USDA Hardiness Zones: 7a to 10b

Tender perennial has sky blue flowers and pitch-black calyxes.

SALVIA ●
(SAGE)

Salvia greggii

'FURMAN'S RED'

PLANT SELECT
Height: 12 to 20 in. (30 to 51 cm)
Bloom Months: Mid-May to July
USDA Hardiness Zones: 7a to 9b

Tender perennial with a compact, upright habit. Luxurious, deep rose-red flowers and bright green, rounded foliage.

SALVIA ●
(SAGE)

Salvia leucantha

'SANTA BARBARA'

PLANTHAVEN INT'L, INC.
Height: 24 to 36 in. (61 to 91 cm)
Bloom Months: Mid-May to July
USDA Hardiness Zones: 8b to 10b
PP12.949

Tender perennial with large spikes of purple flowers and tomentose, gray-green leaves. A more compact selection of the species.

SALVIA ●
(SAGE)

Salvia x sylvestris

'EAST FRIESLAND'

Height: 18 in. (46 cm)
Bloom Months: Mid-May to July
USDA Hardiness Zones: 4a to 9b

Compact, upright plant with medium green, basal leaves and deep purple flowers.

MAY NIGHT

Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: Mid-May to July
USDA Hardiness Zones: 4a to 9b
'Mainacht'

Tall, upright plant with medium green leaves and large, violet-purple flowers.

'SNOW HILL'

Height: 12 to 14 in. (30 to 36 cm)
Bloom Months: Mid-May to July
USDA Hardiness Zones: 4a to 9b

Mounded, gray-green foliage with white flowers.

DARWIN PERENNIALS



Salvia 'Radio Red'

SALVIA 
(SAGE)

Salvia greggii

'RADIO RED'

DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: March to September

USDA Hardiness Zones: 7a to 10b

PP26,362

TOP SELLER Blooms all
Summer long – nice in containers.

- Finally, a good, true red *S. greggii* meets demand for this popular color.
- Keeps its color without fading longer than other red varieties.
- Well-branched plants.

DARWIN PERENNIALS



Salvia 'Blue by You'

SALVIA 
(SAGE)

Salvia hybrida

'BLUE BY YOU'

DARWIN PERENNIALS

First Year Flowering

Height: 20 to 22 in. (51 to 56 cm)

Bloom Months: March to September

USDA Hardiness Zones: 4b to 9a

PP31,033

Repeat flowers throughout
Spring and Summer.

- A hybrid between *Salvia nemorosa* and *Salvia pratensis*, it has excellent Winter hardiness and heat tolerance.
- Sterile hybrid for longer shelf life.
- Re-flushes very easily.
- Long, bright blue flower spikes.

MIRAGE™

Salvia Mirage Neon Rose
Heuchera 'Carnival Black Olive'
Mentha Pineapple Variegated

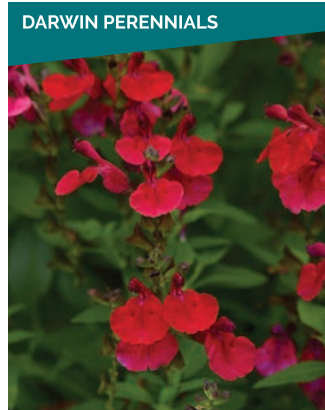




Salvia Mirage Blue



Salvia Mirage Burgundy



Salvia Mirage Cherry Red



Salvia Mirage Cream



Salvia Mirage Deep Purple



Salvia Mirage Hot Pink



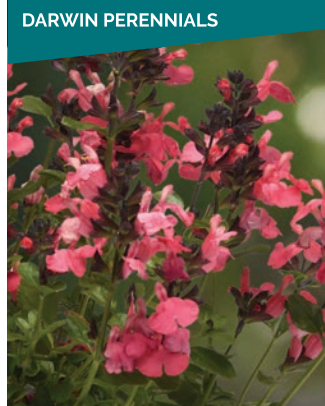
Salvia Mirage Neon Rose



Salvia Mirage Pink



Salvia Mirage Rose Bicolor



Salvia Mirage Salmon



Salvia Mirage Soft Pink



Salvia Mirage Violet



Salvia Mirage White

SALVIA 
(SAGE)
Salvia greggii

MIRAGE™ SERIES

DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: March to September

USDA Hardiness Zones: 7a to 9b

Bold, brightly colored blooms stand out at retail and in the landscape.

- Self-branching, mounded habit resists breaking for easy shipping and less shrink.
- Can be sold as an annual in the North; overwinters in the South.
- Heat-tolerant series features a full range of intense flower colors.
- Less maintenance and more color in the garden.

Blue Electric, deep-blue color.

'Balmirleu' PPAF

Burgundy 'Balmirbur' PP28,537

TOP SELLER **Cherry Red**

'Balmircher' PP28,527

Cream 'Balmircemi'

TOP SELLER **Deep Purple**

'Balmirdepur' PP28,538

Hot Pink 'Balmirhopi'

Neon Rose 'Balmirnose'

Pink 'Balmirpink'

Rose Bicolor Large, rose and cream, bicolor flowers with a rounded habit. Retains its color in the heat. 'Balmirrobi' PPAF

Salmon A deep salmon bloom with a dark calyx. 'Balmirsal' PP30,729

Soft Pink 'Balmirsopin'

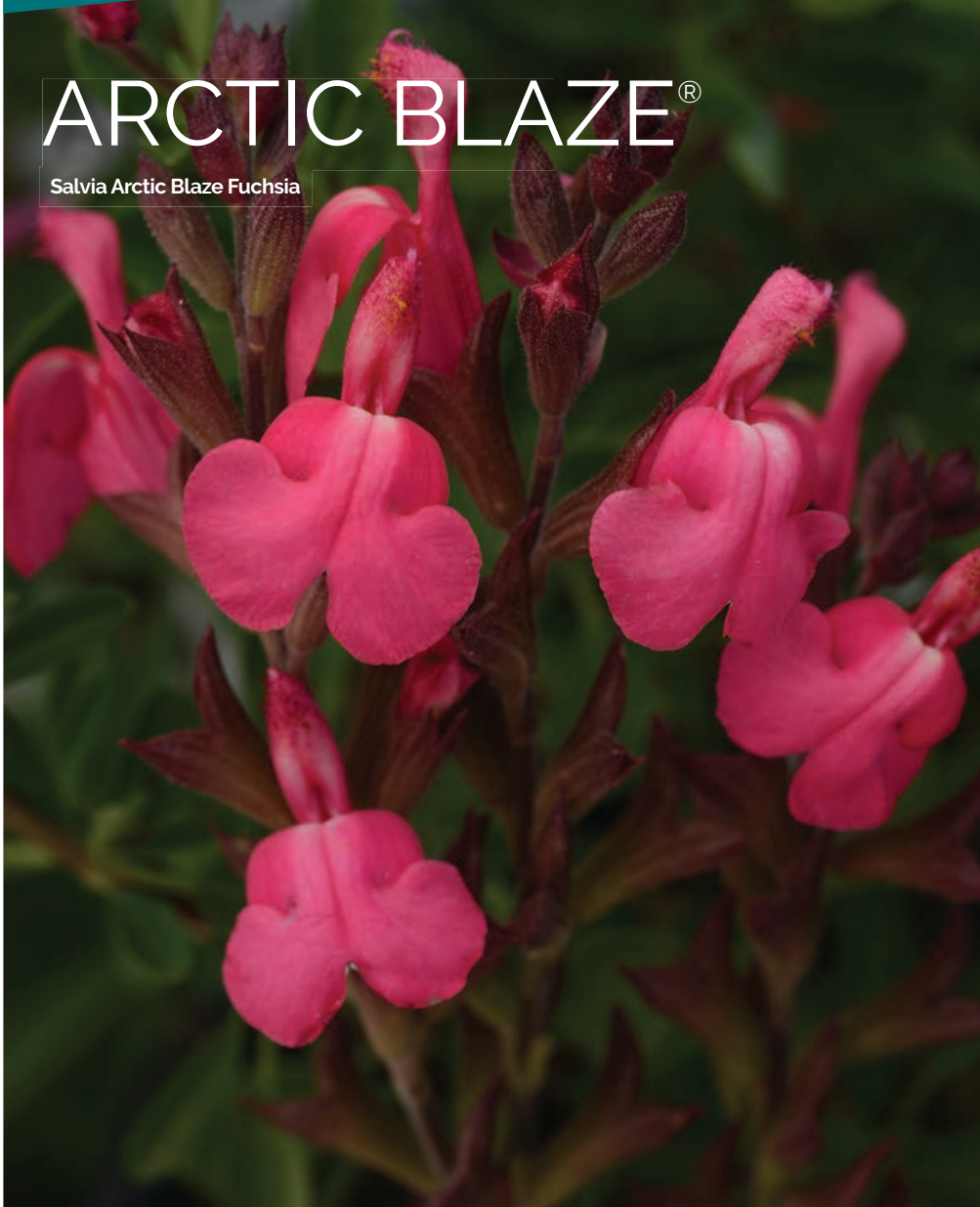
Violet 'Balmirvio' PP29,724

White Crisp, clear white blooms. 'Balmirwite'

DARWIN PERENNIALS

ARCTIC BLAZE®

Salvia Arctic Blaze Fuchsia



SALVIA 
(SAGE)
Salvia hybrida

ARCTIC BLAZE® SERIES

DARWIN PERENNIALS

First Year Flowering

Height: 24 in. (61 cm)

Bloom Months: March to September

USDA Hardiness Zones: 6a to 11

Bred for improved hardiness and terrific repeat blooming.

- Bright blooms.
- Compact habit with sturdy, flexible branches.
- Blooms from Spring through Fall.

Fuchsia 'Novasalfuc' PP28,619

Purple 'Novasalpur' PP28,717

Red 'Novasalred' PP28,620

DARWIN PERENNIALS



Salvia Arctic Blaze Fuchsia

DARWIN PERENNIALS



Salvia Arctic Blaze Purple

DARWIN PERENNIALS



Salvia Arctic Blaze Red



Salvia Fashionista 'Ballerina Pink'



Salvia Fashionista 'Evening Attire'



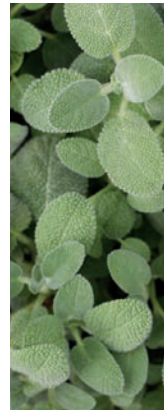
Salvia Fashionista 'Midnight Model'



Salvia Fashionista 'Moulin Rouge'



Salvia 'Aurea'



Salvia 'Berggarten'



Salvia 'Icterina'



Salvia 'Purpurascens'

SALVIA ●
(GOLDEN SAGE)
Salvia officinalis

'AUREA'

Height: 24 to 30 in. (61 to 76 cm)
USDA Hardiness Zones: 5a to 8b

Golden Sage has chartreuse leaves edged in gold.

'BERGGARTEN'

Height: 20 to 24 in. (51 to 61 cm)
USDA Hardiness Zones: 5a to 8b

TOP SELLER Culinary and decorative variety has large, gray-green leaves, deep blue flowers and a spicy scent.

GARDEN SAGE

Height: 32 in. (81 cm)
USDA Hardiness Zones: 5a to 8b

Strongly aromatic, gray-green foliage.

'ICTERINA'

Height: 18 to 24 in. (46 to 61 cm)
USDA Hardiness Zones: 6a to 10b

Fragrant, gray-green leaves with yellow margins and bluish-purple flowers in Summer.



Salvia 'Tricolor'



Salvia 'Purple Rain'

'PURPURASCENS'

Height: 12 to 24 in. (30 to 61 cm)
USDA Hardiness Zones: 6a to 9b

Purple Sage has bluish-purple stems and leaves.

'TRICOLOR'

Height: 12 to 24 in. (30 to 61 cm)
USDA Hardiness Zones: 6a to 10b

Green, white and pink foliage with habit and scent like rest of species.

SALVIA ●
(SAGE)

Salvia verticillata

'PURPLE RAIN'

Height: 24 in. (61 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5a to 8b

Purple blooms form globes of individual florets up the stem with spacing between the globes.

SALVIA ●
(SAGE)
Salvia pratensis

FASHIONISTA® SERIES

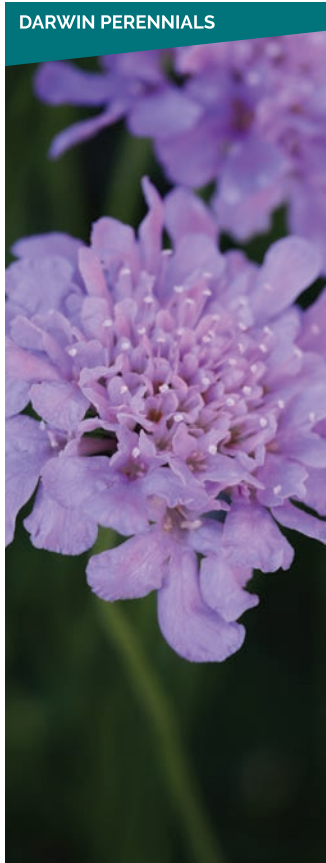
WALTERS GARDENS

Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: May to August
USDA Hardiness Zones: 3a to 8b

The cutting edge of perennial fashion, with big, bold blooms in an array of chic and stylish colors. Excellent garden performance.

'Ballerina Pink' Soft pink flowers are held by dark mauve-pink calyxes. PP29,957
'Evening Attire' Drought-tolerant, blue variety. PP32,573
'Midnight Model' Striking violet-blue flowers are produced in a round, dense clump. PP29,498
'Moulin Rouge' Rose-pink variety. PP32,387

FASHIONISTA is a registered U.S. trademark of Walters Gardens.



Scabiosa Flutter Deep Blue



Scabiosa Flutter Pure White



Scabiosa Flutter Rose Pink



Sedum 'Little Miss Sunshine'

SCABIOSA (PINCUSHION FLOWER)
Scabiosa columbaria

FLUTTER™ SERIES

DARWIN PERENNIALS

First Year Flowering

Height: 12 to 14 in. (30 to 36 cm)
Bloom Months: March to September
USDA Hardiness Zones: 5a to 9b

Compact habit and shorter peduncles for easier shipping and showing!

- Deeper colors, better habit and larger flowers than 'Butterfly Blue' and 'Pink Mist'.
- Neater displays for greater sell-through at retail.
- Hardy plants with long flowering windows.
- Beautiful in the landscape and in mixed containers.
- Very disease resistant.

Deep Blue 'Balfuttdelu' PP28,043
Pure White Stunning, pure-white variety is a unique color for the market. Self-cleaning and long-flowering. 'Balfutturite' PP30,119
Rose Pink 'Balfuttropi' PP27,809

'BUTTERFLY BLUE'

Height: 16 to 18 in. (41 to 46 cm)
Bloom Months: May to hard frost
USDA Hardiness Zones: 4a to 9b

Compact, tidy mounds of deep green, basal leaves with wiry stems hold single, round, lavender-blue flowers.

'PINK MIST'

Height: 16 to 18 in. (41 to 46 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5a to 9b

Compact, upright habit is similar to 'Butterfly Blue'. Variety features green, textured leaves and soft pink, fully double flowers.

SEDUM (STONECROP)
Sedum

'LITTLE MISS SUNSHINE'

WALTERS GARDENS
Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: July
USDA Hardiness Zones: 3a to 9b
PP30,039

TOP SELLER A groundcover Sedum that blooms in Summer with dark green, glossy foliage and tiny, yellow flowers.

'STEEL THE SHOW'

WALTERS GARDENS
Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: September
USDA Hardiness Zones: 3a to 9b
PP31,314

Tiny, silvery leaves and bright, blue-green foliage. One of the latest Sedum to bloom with rich, rosy-pink flowers.

SEDUM (STONECROP)
Sedum album

'ATHOUM'

Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: July to August
USDA Hardiness Zones: 3a to 9b

Plump, dark green rosettes of red-tipped, evergreen leaves and light pink to white flowers.

'CORAL CARPET'

Height: 2 to 6 in. (5 to 15 cm)
Bloom Months: July
USDA Hardiness Zones: 4a to 9b

Creeping groundcover with red-tinged, deep green leaves and tiny, pale pink flowers.



Sedum 'Steel the Show'



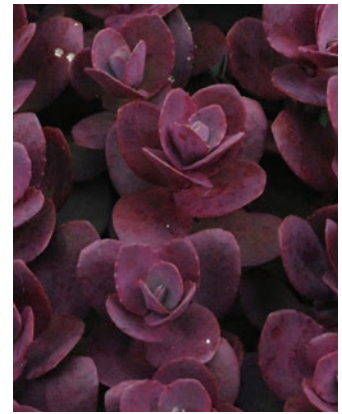
Sedum 'Night Light'



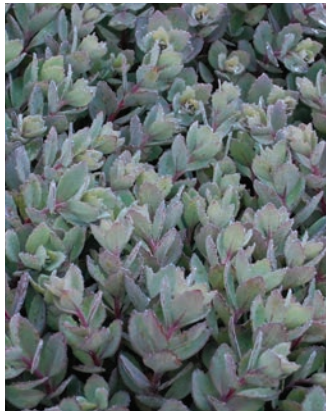
Sedum 'Strawberry Milkshake'



Sedum SunSparkler 'Blue Elf'



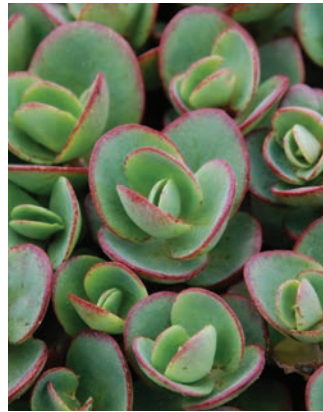
Sedum SunSparkler 'Cherry Tart'



Sedum SunSparkler Dazzleberry



Sedum SunSparkler 'Lime Twister'



Sedum SunSparkler 'Lime Zinger'



Sedum SunSparkler 'Plum Dazzled' Sedum SunSparkler 'Wildfire'

SEDUM ●
(STONECROP)
Sedum dasylphyllum

'MAJOR'

Height: 4 in. (10 cm)
Bloom Months: July
USDA Hardiness Zones: 4a to 9b

Prostrate mats of tight, blue foliage and small, white flowers.

SEDUM ●
(STONECROP)
Sedum hybrida

'NIGHT LIGHT'

NEW FOR 2022
WALTERS GARDENS
Height: 22 to 26 in. (56 to 66 cm)
Bloom Months: August to September
USDA Hardiness Zones: 3a to 9b
PPAF

'Night Light' produces deep olive green leaves on dark purple stems that hold clusters of light yellow flowers. Mature flowers have blush tones. Unlike other Sedum that lodge during flowering season, this variety has stocky stems and holds its dome-like shape late in the season.

'STRAWBERRY MILKSHAKE'

NEW FOR 2022
WALTERS GARDENS
Height: 20 to 24 in. (51 to 61 cm)
Bloom Months: August to September
USDA Hardiness Zones: 3a to 9b
PPAF

Upright habit with beautiful deep bronze leaves that explode with dark and light pink flowers in late Summer. The flowers completely cover the habit like a dome.

SUNSPARKLER® SERIES

GARDEN SOLUTIONS
Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: August to September
USDA Hardiness Zones: 4b to 10a

An excellent addition to rock gardens and pathways. Vibrant, colorful foliage attracts pollinators for a big show.

- 'Blue Elf' PP27,113
- 'Cherry Tart' PP24,603
- 'Dazzleberry' 'Razzleberry' PP22,457
- 'Lime Twister' PP26,895
- 'Lime Zinger' PP24,632
- 'Plum Dazzled' PP30,348
- 'Wildfire' PP28,621

SUNSPARKLER is a U.S. registered trademark of Christopher M. Hansen.

SEDUM ●
(STONECROP)
Sedum kamtschaticum

Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: July
USDA Hardiness Zones: 4a to 9b

Scalloped, deep green leaves are covered with mounds of golden yellow flowers.

SEDUM ●
(STONECROP)
Sedum kamtschaticum variegatum

'VARIEGATUM'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4a to 9b

Compact plants have variegated foliage with creamy margins and star-shaped, yellow blooms that mature to red.

SEDUM ●
(STONECROP)
Sedum makinoi

'OGON'

Height: 4 in. (10 cm)
Bloom Months: July
USDA Hardiness Zones: 7a to 9b

Ground-hugging, tender perennial has chartreuse foliage and dainty, yellow flowers.

SEDUM ●
(STONECROP)
Sedum pachyclados

Height: 3 in. (8 cm)
Bloom Months: July
USDA Hardiness Zones: 5a to 9b

Deep blue, scalloped foliage forms a tight mound, with white, star-shaped flowers.

SEDUM ●
(STONECROP)
Sedum reflexum

'BLUE SPRUCE'

Height: 3 to 6 in. (8 to 15 cm)
Bloom Months: July to August
USDA Hardiness Zones: 4a to 9b

Low-growing, spreading plants have blue, needle-like foliage and yellow flowers.

DARWIN PERENNIALS

PRIMA ANGELINA

SEDUM ●
(STONECROP)
Sedum rupestre

PRIMA ANGELINA

DARWIN PERENNIALS

Height: 3 to 6 in. (8 to 15 cm)

Bloom Months: Non-flowering

USDA Hardiness Zones: 4a to 9b

'Gold Form' CPBRAFF; PP32,414

A sport of Angelina, this variety offers bright color that holds throughout the season.

- Sedum Prima Angelina has a denser, more compact habit and more vivid golden color than Angelina.
- Low-growing and fast-spreading, with fleshy, needle-like foliage.
- Ideal for 1 to 2.5-qt. pot sizes.

Sedum Prima Angelina



Sedum 'Angelina'



Sedum sexangulare



Sedum sieboldii



Sedum 'Autumn Fire'



Sedum 'Autumn Joy'



Sedum 'Powderpuff'



Sedum 'Spellbound'



Sedum 'Dragons Blood'



Sedum 'Fuldaglut'



Sedum 'John Creech' Sedum 'Tricolor'

'ANGELINA'

Height: 3 to 6 in. (8 to 15 cm)
Bloom Months: July to August
USDA Hardiness Zones: 3a to 9b

Low-growing and fast-spreading, with fleshy, needle-like, golden yellow foliage.

SEDUM (STONECROP) *Sedum sexangulare*

Height: 4 in. (10 cm)
Bloom Months: July
USDA Hardiness Zones: 5a to 5b

Dense carpets of fine green foliage with bright yellow flowers in Spring.

SEDUM (STONECROP) *Sedum sieboldii*

Height: 6 in. (15 cm)
Bloom Months: September to October
USDA Hardiness Zones: 6a to 9b

Semi-evergreen, blue-green, succulent foliage with pink flowers in Fall.

SEDUM (STONECROP) *Sedum spectabile*

'AUTUMN FIRE'
Height: 24 to 30 in. (61 to 76 cm)
Bloom Months: August to September
USDA Hardiness Zones: 3a to 9b

Dense, robust habit; flowers start blue-green and mature to pink, deep red and finally bronze.

'AUTUMN JOY'
Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: August to September
USDA Hardiness Zones: 3a to 10b

Blue-green flower heads turn rosy-pink and intensify to deep ruby-red, then bronze.

'POWDERPUFF'
WALTERS GARDENS
Height: 8 to 10 in. (20 to 25 cm)
Bloom Months: August to October
USDA Hardiness Zones: 3a to 9b
PP32,714

Billowy, puffy dome of bright rosy-pink flowers in late Summer to early Fall.

'SPELLBOUND'

WALTERS GARDENS
Height: 18 to 20 in. (46 to 51 cm)
Bloom Months: August to October
USDA Hardiness Zones: 3a to 9b
PPAF

Soft pink buds open to cream flowers that bubble over a domed habit of gray-green leaves.

SEDUM (STONECROP) *Sedum spurium*

'DRAGONS BLOOD'
Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: July to August
USDA Hardiness Zones: 3a to 9b

Green leaves with red margins and deep red blooms in Summer. Foliage turns bright red in Fall.

'FULDAGLUT'

Height: 3 to 4 in. (8 to 10 cm)
Bloom Months: May to July
USDA Hardiness Zones: 4a to 9b

Dark green, spreading foliage with red flowers in July. Foliage turns red-orange in Fall.

'JOHN CREECH'

Height: 2 in. (5 cm)
Bloom Months: June
USDA Hardiness Zones: 3a to 9b

Dense groundcover; striking green foliage and pink-purple blooms.

'TRICOLOR'

Height: 3 to 4 in. (8 to 10 cm)
Bloom Months: June to August
USDA Hardiness Zones: 3a to 9b

Mat-forming, with small, rounded, green leaves tinged in pink and edged in white; pink blooms.



Sedum 'Coral Reef'



Sedum 'Lemon Ball'



Sedum 'Vera Jameson'



Sempervivum 'Carmen'



Sempervivum 'Commander Hay'



Sempervivum 'Kalinda'



Sempervivum 'Red Beauty'



Sempervivum 'Royal Ruby'



Sempervivum 'Ruby Heart'



Sempervivum 'Silverine'



Sempervivum 'Cobweb'



Sempervivum 'Sunset'

SEDUM ●
(STONECROP)
Sedum tetractinum

'CORAL REEF'

Height: 3 to 4 in. (8 to 10 cm)
Bloom Months: July to August
USDA Hardiness Zones: 4a to 9b

Mounded, spreading groundcover has small, yellow flowers and smooth, green foliage that turns red in Fall.

SEDUM ●
(STONECROP)
Sedum x hybrida

'LEMON BALL'

Height: 6 in. (15 cm)
Bloom Months: June to July
USDA Hardiness Zones: 7a to 9b

Vivid mounds of chartreuse foliage stay dense, bushy and bright all Summer long.

'VERA JAMESON'

Height: 10 to 16 in. (25 to 41 cm)
Bloom Months: August to September
USDA Hardiness Zones: 3a to 9b

Large clusters of pink flowers and waxy, gray-green leaves turn burgundy as Summer progresses.

SEMPERVIVUM ●●
(HENS & CHICKS)
Sempervivum

'CARMEN'

Height: 2 to 8 in. (5 to 20 cm)
Bloom Months: June to September
USDA Hardiness Zones: 3a to 8b

Emerald green, succulent leaves with bright red tips.

'COMMANDER HAY'

Height: 1 to 3 in. (3 to 8 cm)
Bloom Months: June to September
USDA Hardiness Zones: 3a to 8b

Clumps of red and green rosettes.

'KALINDA'

Height: 2 to 8 in. (5 to 20 cm)
Bloom Months: June to September
USDA Hardiness Zones: 5a to 9b

Large, succulent leaves held in tight, green heads with blood-red tips.

'RED BEAUTY'

Height: 4 in. (10 cm)
Bloom Months: June to September
USDA Hardiness Zones: 3a to 8b

Dense rosettes are red in Summer and turn burgundy in cold weather. Color may vary from season to season. Produces clusters of light pink flowers in mid-Summer.

'ROYAL RUBY'

Height: 3 to 4 in. (8 to 10 cm)
Bloom Months: June to September
USDA Hardiness Zones: 3a to 8b

Forms dense mats of dark wine-red foliage.

'RUBY HEART'

Height: 2 to 8 in. (5 to 20 cm)
Bloom Months: June to September
USDA Hardiness Zones: 3a to 8b

Rosettes start red, turning green with red margins as they grow.

'SILVERINE'

Height: 3 to 4 in. (8 to 10 cm)
Bloom Months: June to September
USDA Hardiness Zones: 3a to 8b

Muted green foliage with red overtones.

SEMPERVIVUM ●●
(HENS & CHICKS)
Sempervivum arachnoideum

'COBWEB'

Height: 2 to 8 in. (5 to 20 cm)
Bloom Months: June to September
USDA Hardiness Zones: 5a to 8b

Pale green rosettes covered with fine, silver hairs; produces bright reddish-pink flowers.

SEMPERVIVUM ●●
(HENS & CHICKS)
Sempervivum tectorum

'SUNSET'

Height: 2 to 8 in. (5 to 20 cm)
Bloom Months: June to September
USDA Hardiness Zones: 3a to 8b

Emerald green leaves with red tips take on orange-red cast in cool weather.



Silene 'Clifford Moor'



Solidago Little Lemon



Solidago 'Fireworks'



Stachys 'Helene Von Stein'



Stachys 'Silver Carpet'



Stachys 'Hummelo'



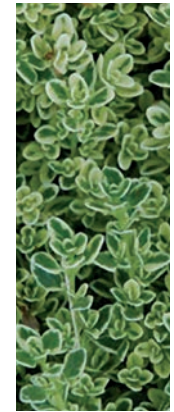
Stevia Sweet Leaf



Thymus 'Albiflorus'



Thymus 'Coccineus' Creeping Thyme



Thymus Highland Cream

SILENE ●●
(CAMPION)
Silene dioica

'CLIFFORD MOOR'

Height: 18 in. (46 cm)
Bloom Months: May to July
USDA Hardiness Zones: 5a to 8b

Variegated leaves and single, pink flowers.

SOLIDAGO ●
(GOLDENROD)
Solidago

LITTLE LEMON

PLANTHAVEN INT'L, INC.
Height: 12 to 18 in. (30 to 46 cm)
Bloom Months: July to September
USDA Hardiness Zones: 4a to 9b
'Dansolittlem' PP17,297

Compact, well-branched plants covered with racemes of bright lemon yellow flowers in Summer.

SOLIDAGO ●
(GOLDENROD)
Solidago rugosa

'FIREWORKS'

Height: 36 to 48 in. (91 to 122 cm)
Bloom Months: July to September
USDA Hardiness Zones: 5a to 9b

Golden yellow flowers with wild, multi-branched panicles.

STACHYS ●
(LAMB'S EAR)
Stachys byzantina

'HELENE VON STEIN'

Height: 12 in. (30 cm)
Bloom Months: July
USDA Hardiness Zones: 4a to 9b

Clump-forming habit with big, broad leaves and velvety-soft, greenish-silver foliage. Great for edging, border gardens and containers.

'SILVER CARPET'

Height: 8 in. (20 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 9b

Drought-tolerant, low-growing and spreading variety with soft and fuzzy, oval, gray-white leaves.

STACHYS ●
(LAMB'S EAR)
Stachys monnieri

'HUMMELO'

Height: 20 in. (51 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 8b

Compact clumps of textured, glossy green foliage with spikes of purple flowers.

STEVIA ●
Stevia rebaudiana

SWEET LEAF

Height: 18 to 30 in. (46 to 76 cm)
USDA Hardiness Zones: 9a to 11

Tender perennial used as a dietary supplement; dried leaves are many times sweeter than sugar.

TEUCRIUM ●
(GERMANDER)
Teucrium chamaedrys

Height: 12 in. (30 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 9b

Evergreen sub-shrub with deep green leaves and rosy-purple flowers.

THYMUS ●
(THYME)
Thymus praecox

'ALBIFLORUS'

Height: 2 in. (5 cm)
USDA Hardiness Zones: 4a to 9b

Low-growing habit with green leaves and white flowers.

'COCCINEUS' CREEPING THYME

Height: 2 to 4 in. (5 to 10 cm)
USDA Hardiness Zones: 5a to 9b

TOP SELLER Low-growing perennial with small, elliptical, green leaves and fuchsia-red blooms in Summer.

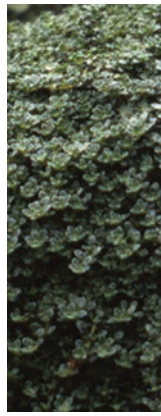
HIGHLAND CREAM

Height: 2 to 4 in. (5 to 10 cm)
USDA Hardiness Zones: 3a to 8b
'Hartington Silver'

Also known as 'Hartington Silver'. Small, green leaves with creamy-white margins and tiny flowers of palest pink in late Spring.



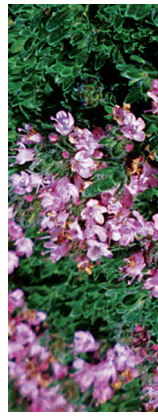
Thymus 'Pseudolanuginosus'
Woolly Thyme



Thymus 'Elfin'



Thymus 'Magic
Carpet'



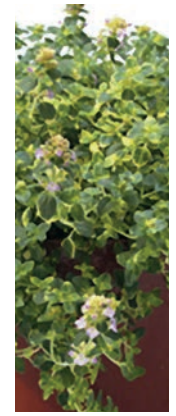
Thymus 'Pink Chintz'



Thymus English



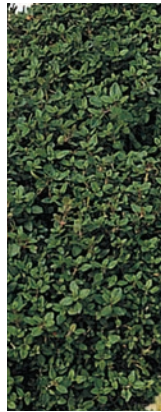
Thymus French



Thymus 'Doone Valley'
Creeping Thyme



Thymus Golden Lemon



Thymus Lemon



Thymus Orange



Thymus Silver
Edged



Thymus 'Silver King'



Thymus 'Spicy
Orange'



Thymus
'Variegatus'

THYMUS (THYME)

Thymus praecox

'PSEUDOLANUGINOSUS' WOOLLY THYME

Height: 2 to 4 in. (5 to 10 cm)
USDA Hardiness Zones: 5a to 9b

TOP SELLER Woolly creeper with gray foliage and white flowers; good for dry locations.

THYMUS (THYME)

Thymus serpyllum

'ELFIN'

Height: 1 in. (3 cm)
USDA Hardiness Zones: 4a to 9b

TOP SELLER Tight, creeping groundcover with mats of tiny, dark green foliage and pink flowers in Summer.

'MAGIC CARPET'

Height: 2 in. (5 cm)
USDA Hardiness Zones: 4a to 9b

Tiny, pink flowers float over mats of green, slightly hairy foliage.

'PINK CHINTZ'

Height: 1 in. (3 cm)
USDA Hardiness Zones: 4a to 9b

Mat-forming creeper with tiny, green leaves and pink flowers.

THYMUS (THYME)

Thymus vulgaris

ENGLISH

Height: 6 to 8 in. (15 to 20 cm)
USDA Hardiness Zones: 4a to 9b

TOP SELLER Popular culinary variety has rounded leaves, purple-pink flowers and a semi-creeping habit.

FRENCH

Height: 6 to 8 in. (15 to 20 cm)
USDA Hardiness Zones: 4a to 9b

Purple to white flowers with narrow, fragrant, green leaves.

THYMUS (THYME)

Thymus x citriodorus

'DOONE VALLEY' CREEPING THYME

Height: 1 to 2 in. (3 to 5 cm)
Bloom Months: June to July
USDA Hardiness Zones: 5a to 5b

Also known as Creeping Lemon Thyme. Purple flowers with lemon-scented, green and golden variegated foliage. Excellent for planting between stepping stones and rock gardens.

GOLDEN LEMON

Height: 4 in. (10 cm)
USDA Hardiness Zones: 6a to 9b

Pungently lemon-scented leaves are golden and variegated when grown in bright light.

LEMON

Height: 8 in. (20 cm)
USDA Hardiness Zones: 5a to 9b

Lemon-scented, green leaves and lavender-pink flowers.

ORANGE

Height: 12 in. (30 cm)
USDA Hardiness Zones: 5a to 9b

Orange or citrus-scented, green leaves and lavender-pink flowers.

SILVER EDGED

Height: 4 in. (10 cm)
USDA Hardiness Zones: 4a to 9b

Narrow, green leaves with variable silver variegation, lavender-pink flowers and no lemon fragrance.

'SILVER KING'

Height: 4 to 5 in. (10 to 13 cm)
USDA Hardiness Zones: 7a to 9b

Lemon-scented, medium-green leaves are splashed with cream.

'SPICY ORANGE'

Height: 2 to 4 in. (5 to 10 cm)
USDA Hardiness Zones: 5a to 9b

Needle-like leaves with a spicy, orange scent; soft, lavender flowers in late Spring.

'VARIEGATUS'

Height: 4 in. (10 cm)
USDA Hardiness Zones: 5a to 9b

Lemon-scented, green leaves with a thin, white-splashed margin and purple flowers.

DARWIN PERENNIALS



Verbena 'Homestead Hot Pink'

NEW



Veronica 'Lavender Lightsaber'



Verbena 'Lollipop'



Verbena 'Homestead Purple'



Veronica First Glory



Veronica First Lady



Veronica First Love



Veronica First Memory

VERBENA ●
(VERVAIN)

Verbena bonariensis

'LOLLIPOP'

Height: 24 in. (61 cm)
Bloom Months: May to frost
USDA Hardiness Zones: 7a to 11

Tender perennial has unique dwarf form with lavender-blue flowers.

VERBENA ●
(ROSE VERVAIN)

Verbena canadensis

'HOMESTEAD HOT PINK'

NEW FOR 2022
DARWIN PERENNIALS

First Year Flowering
Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: March to October
USDA Hardiness Zones: 6b to 9a
PPAF

Hardy Verbena with a profusion of brightly colored flowers.

- Like its namesake 'Homestead Purple', this variety produces a carpet of color and features Zone-6 hardiness.
- Hot pink blooms work wonderfully as a groundcover.
- Mildew resistant, too.

'HOMESTEAD PURPLE'

Height: 6 to 10 in. (15 to 25 cm)
Bloom Months: May to frost
USDA Hardiness Zones: 6a to 9b

Small, deep purple flowers on vigorous, mounded plants.

VERONICA ●
(SPIKE SPEEDWELL)

Veronica

'LAVENDER LIGHTSABER'

WALTERS GARDENS
Height: 28 to 30 in. (71 to 76 cm)
Bloom Months: July
USDA Hardiness Zones: 4a to 9b
PP32.359

A tall, columnar-shaped habit holds soft lavender flowers.

VERONICA ●
(SPEEDWELL)

Veronica longifolia

FIRST BRIDE

RENE VAN GAALEN, B.V.
Height: 16 to 22 in. (41 to 56 cm)
Bloom Months: April to August
USDA Hardiness Zones: 4a to 9b
'Allbride' PP29,854

Clean, white flowers contrast dark green foliage with this frost-tolerant, disease-resistant Veronica. Use as a cut flower or in the landscape.

FIRST GLORY

RENE VAN GAALEN, B.V.
Height: 16 to 22 in. (41 to 56 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 8b
'Alllord' PP23,294

Compact, highly uniform plants with short, thick spikes of deep blue flowers; vernalization not required.

FIRST KISS

RENE VAN GAALEN, B.V.
Height: 22 to 24 in. (56 to 61 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 9b
'Allkiss' PP28,797

Pretty pink, long-flowering variety in the First collection; vernalization not required.

FIRST LADY

RENE VAN GAALEN, B.V.
Height: 16 to 22 in. (41 to 56 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 8b
'Alllady' PP23,271

Sturdy, compact plant with white flower spikes; vernalization not required.

FIRST LOVE

RENE VAN GAALEN, B.V.
Height: 22 in. (56 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 9b
'Alllove' PP21,478

Uniform, well-branched plants with short spikes of brilliant pink flowers; excellent flower canopy without vernalization.

FIRST MEMORY

RENE VAN GAALEN, B.V.
Height: 22 to 24 in. (56 to 61 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 9b
'Allv1461' PP29,059

Nice, soft blue, long-flowering variety in the First collection; vernalization not required.



Veronica 'Blue Skywalker'

VERONICA ●
(SPEEDWELL)
Veronica longifolia

'BLUE SKYWALKER'

WALTERS GARDENS

Height: 28 to 30 in. (71 to 76 cm)
Bloom Months: July
USDA Hardiness Zones: 4a to 9b
PP29,406

This taller perennial provides height in the garden without too much horizontal space. Lavender-blue flower spikes cover the top half of an incredibly upright, dense habit of dark green leaves.

FOREVER BLUE

DARWIN PERENNIALS

First Year Flowering

Height: 16 to 18 in. (41 to 46 cm)
Bloom Months: June to October
USDA Hardiness Zones: 4b to 9a
'Balverevlu' PP31,087

No seed set for longer blooming.

- Striking Veronica produces continuous, deep blue flowers throughout Summer to Fall.
- Excellent branching.
- Rich, deep blue color.
- Mildew resistant.
- Larger than Moody Blues.



Veronica Forever Blue

'PERFECTLY PICASSO'

WALTERS GARDENS

Height: 22 to 26 in. (56 to 66 cm)
Bloom Months: July
USDA Hardiness Zones: 4a to 9b
PP29,720

Paintbrush-like spikes produce white buds that open to medium pink flowers, creating a bicolor look. Attractive flowers cover the top half of the plant, showing off its healthy, medium green leaves on a beautifully rounded habit.

'ROYAL REMBRANDT'

WALTERS GARDENS

Height: 18 to 20 in. (46 to 51 cm)
Bloom Months: July
USDA Hardiness Zones: 4a to 9b
PP29,377

TOP SELLER Discover your new Speedwell staple! Violet-purple flowers cover the top half of the plant, showcasing its dark green foliage. A remontant variety; sheering will encourage reblooming later in the season.



Veronica 'Perfectly Picasso'

'VERY VAN GOGH'

WALTERS GARDENS

Height: 18 to 20 in. (46 to 51 cm)
Bloom Months: July
USDA Hardiness Zones: 4a to 8b
PP27,428

A posh perennial with a unique color palette. Paintbrush-like, rosy-purple flowers appear on well-branched scapes. Many secondary spikes extend the bloom time. Bright green, upright clumping foliage.

VERONICA ●
(SPEEDWELL)
Veronica austriaca

VENICE BLUE

FLORENSIS, B.V.

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: March to April
USDA Hardiness Zones: 4a to 9b
'Florverblue' CPBR5323; PP27,555

Easy-to-grow Veronica makes an excellent season extender! It requires less vernalization than other *austriaca* types; features strong, upright stems for outstanding show at retail and in the garden. Plus, this early Spring-flowering variety loves the heat.



Veronica 'Royal Rembrandt'



Veronica 'Very Van Gogh'

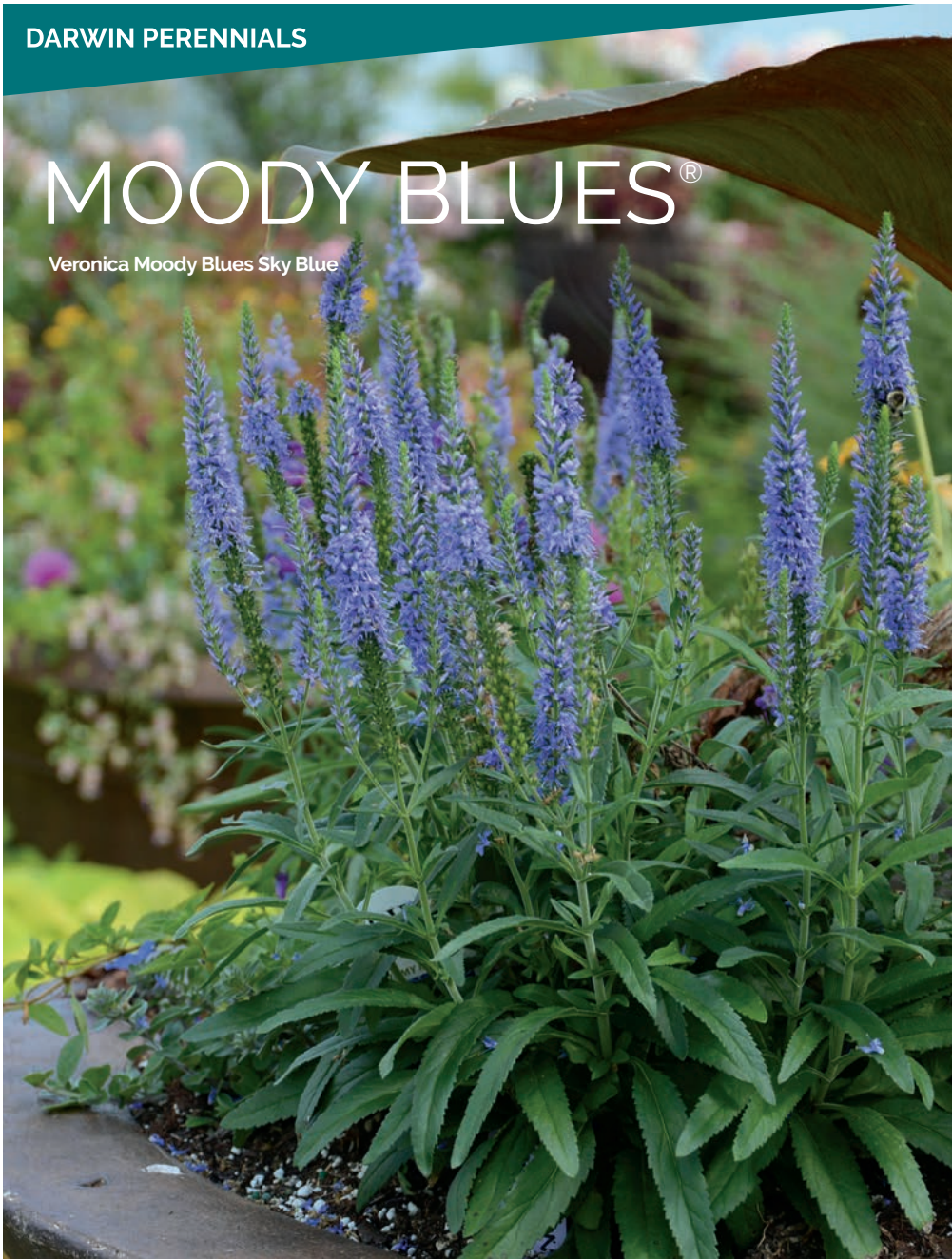


Veronica Venice Blue

DARWIN PERENNIALS

MOODY BLUES®

Veronica Moody Blues Sky Blue



VERONICA 
(SPIKE SPEEDWELL)
Veronica hybrida

MOODY BLUES® SERIES

DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: May to October

USDA Hardiness Zones: 4b to 9b

Compact series of first-year-flowering Veronica.

- Excellent 1-gal. and 2.5-qt. production with great uniformity and habit.
- Continues to cycle and bloom all season until first frost.
- Compact, tidy habit is great for any garden or mixed container.
- No vernalization is required.

TOP SELLER Dark Blue

'Novaverblu' PP26,602

Dark Pink A long-flowering, deep pink variety. 'Balmoodink' PP31,832

Mauve 'Balmoomau' PP31,833

Pink 'Novaverpin' PP25,748

Sky Blue 'Novaversky' PP27,835

White 'Novaverwhi'

DARWIN PERENNIALS



Veronica Moody Blues Dark Pink

DARWIN PERENNIALS



Veronica Moody Blues Mauve

DARWIN



Veronica Moody Blues Dark Blue

DARWIN



Veronica Moody Blues Pink

DARWIN



Veronica Moody Blues Sky Blue

DARWIN



Veronica Moody Blues White



Veronica 'Purple Leia'

VERONICA ●
(SPIKE SPEEDWELL)
Veronica hybrida

'PURPLE LEIA'

NEW FOR 2022
WALTERS GARDENS
Height: 28 to 30 in. (71 to 76 cm)
Bloom Months: July to August
USDA Hardiness Zones: 4a to 8b
PPAF

'Purple Leia' joins popular companions 'Blue Skywalker' and 'Lavender Lightsaber', with rosy purple flowers covering the top half of the upright, columnar habit. This Veronica adds height to the middle of the border.

VERONICA ●
(SPEEDWELL)
Veronica x hybrida

'PURPLEICIOUS'
DARWIN PERENNIALS

Height: 16 to 20 in. (41 to 51 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5a to 8b
PP17,639

Well-branched plants have a strong, tidy habit.

- Long-blooming variety with intense purple flowers and dark green foliage.
- Very healthy, disease-free cultivar.



Veronica 'Purpleicious'

VERONICA ●
(SPEEDWELL)
Veronica peduncularis

'GEORGIA BLUE'

Height: 8 in. (20 cm)
Bloom Months: March to April
USDA Hardiness Zones: 5a to 8b

Dense, gray-green, low-growing foliage has taller flowering stems covered with intense blue flowers.

'WATERPERRY BLUE'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: June to September
USDA Hardiness Zones: 3a to 8b

Spreading habit with light blue flowers and purple Winter foliage.

'WHITEWATER'

CHICAGOLAND GROWS, INC.
Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4a to 8b
PP22,783

Sport of 'Waterperry Blue' that produces bright white flowers on burgundy-green foliage.



Veronica Royal Candles



Vinca 'Bowles Cunningham'

VERONICA ●
(CREEPING SPEEDWELL)
Veronica repens

'SUNSHINE'

Height: 1 to 4 in. (3 to 10 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 8b

Groundcover type; creeping with white blooms on gold foliage.

VERONICA ●
(SPEEDWELL)
Veronica spicata

'GILES VAN HEES'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4a to 8b

Dwarf form with dark green foliage and short, bright pink flower spikes.

'RED FOX'

Height: 12 in. (30 cm)
Bloom Months: June to September
USDA Hardiness Zones: 3a to 8b

Produces rose-red spikes in Summer.



Vinca 'Illumination'

ROYAL CANDLES

PLANTHAVEN INT'L, INC.
Height: 15 to 18 in. (38 to 46 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4a to 8b
'Glory' PP18,932

Long-blooming, dwarf variety with solid, conical spikes of bright violet-blue flowers.

VINCA ●●
(MYRTLE)
Vinca minor

'BOWLES CUNNINGHAM'

Height: 5 to 8 in. (13 to 20 cm)
Bloom Months: April to May
USDA Hardiness Zones: 3a to 9b

Also known as 'Bowles'. Vigorous, spreading variety has thick, glossy leaves and sky blue flowers that are darker than standard *V. minor*.

'ILLUMINATION'

PLANTHAVEN INT'L, INC.
Height: 4 in. (10 cm)
Bloom Months: April to May
USDA Hardiness Zones: 4a to 9b
PP12,132

Popular, low-growing, evergreen groundcover has variegated foliage and small, light lavender-blue flowers in Spring.

DARWIN PERENNIALS

HALO

Viola 'Halo Golden Yellow'



VIOLA (VIOLET)
Viola cornuta

HALO SERIES

DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: February to October

USDA Hardiness Zones: 4b to 9b

Excellent hardiness for long-lasting garden enjoyment.

- Very heat tolerant.
- No vernalization required.
- Oversummers and overwinters.
- Larger flowers than Celestial.

'Halo Golden Yellow' PP30,900

'Halo Lemon Frost' Extra-large, two-toned flowers captivate customers for early sales. PP26,383

'Halo Lilac' CPBR4837; PP24,542

TOP SELLER 'Halo Sky Blue'

CPBR4838; PP24,541

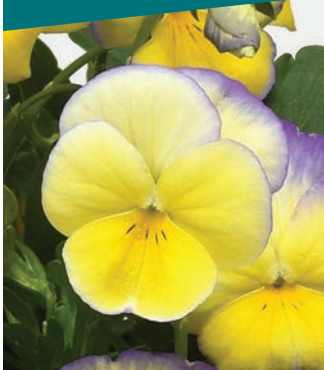
'Halo Violet' CPBR4839; PP24,428

DARWIN PERENNIALS



Viola 'Halo Golden Yellow'

DARWIN PERENNIALS



Viola 'Halo Lemon Frost'

DARWIN PERENNIALS



Viola 'Halo Lilac'

DARWIN PERENNIALS



Viola 'Halo Sky Blue'

DARWIN PERENNIALS



Viola 'Halo Violet'



Viola Celestial Northern Lights



Viola Celestial Starry Night



Viola Celestial Twilight

VIOLA 
(VIOLET)
Viola cornuta

CELESTIAL™ SERIES

PLANTHAVEN INT'L, INC.
Height: 5 to 6 in. (13 to 15 cm)
Bloom Months: February to October
USDA Hardiness Zones: 5a to 10b

Ever-blooming, early-Spring perennial in bright, rich colors. Oversummers and overwinters; heat-tolerant, highly scented varieties bloom all Summer. No vernalization required.

Northern Lights 'SMEV4' PP24,591
Starry Night 'Lord Primrose' PP18,253
Twilight 'SMEV3' PP24,592

CELESTIAL is a U.S. trademark of PlantHaven, Inc.

'ETAIN'

Height: 8 to 10 in. (20 to 25 cm)
Bloom Months: February to October
USDA Hardiness Zones: 5a to 10b

Compact variety flowers profusely in Spring and Fall with large, fragrant, bicolor blooms.

VIOLA 
(VIOLET)
Viola pubescens

'REBECCA CAWTHORNE'

Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: May
USDA Hardiness Zones: 5a to 9b

Fragrant, purple flowers splashed with white; sporadic reblooming.



Viola 'Etain'



Viola 'Rebecca Cawthorne'

HERBS

DARWIN PERENNIALS' FULL ASSORTMENT OF NOVEL AND TRADITIONAL HERBS

We understand how important it is to bring fresh, edible herbs to market, which is why Darwin Perennials offers a wide range of novel and traditional herbs for you to choose from.

We've got an excellent supply of vegetative unrooted cuttings from clean stock, available in bags of 50. Cuttings go from harvest to cooler in 15 minutes to ensure the highest quality possible.



Take a look out our herb selection below:

ARTEMISIA, page 31
French Tarragon

CORIANDER, page 43
Vietnamese

SWEET MARJORAM,
page 69
Hortensis

MENTHA/MINT, page 69

After Eight
Apple
Chocolate
Citrate Orange
'Kentucky Colonel'
TOP SELLER Mojito
Moroccan
Peppermint
Peppermint Upright
Pineapple Variegated
Spearmint
Strawberry

ORIGANUM/OREGANO,
page 79
'Aureum'
Greek
'Hot and Spicy'
Italian
Variegated

ROSMARINUS/ROSEMARY,
page 95
'Arp'

TOP SELLER 'Barbecue'
'Gorizia'
'Huntington Carpet'
Officinalis
'Prostratus'
'Salem'
'Spice Island'
TOP SELLER 'Tuscan Blue'

SALVIA/SAGE, page 107

'Aurea'
TOP SELLER 'Berggarten'
Garden Sage
'Icterina'
'Purpurascens'
'Tricolor'

STEVIA, page 113
Sweet Leaf

THYMUS/THYME, page 114

'Doone Valley'
TOP SELLER English
French
Golden Lemon
Lemon
Orange
Silver Edged
'Silver King'
'Spicy Orange'
'Variegatus'

REGIONAL TOP PICKS

This chart highlights top varieties from Darwin Perennials that will grow best in each season and region.

FLOWERING SEASON	PACIFIC NORTHWEST	SOUTHEAST	SOUTHWEST	
LATE WINTER	Dianthus Mountain Frost	Dianthus Mountain Frost	Dianthus Mountain Frost	
	Iberis 'Snowsation'	Iberis 'Snowsation'	Iberis 'Snowsation'	
	Lavender Primavera	Lavender Primavera	Lavender Primavera	
	Viola Halo	Viola Halo	Viola Halo	
EARLY SPRING	Alyssum 'Golden Spring'	Alyssum 'Golden Spring'	Alyssum 'Golden Spring'	
	Armeria Dreameria	Armeria Dreameria	Armeria Dreameria	
	Dianthus Mountain Frost	Dianthus Mountain Frost	Dianthus Mountain Frost	
	Heuchera Carnival	Heuchera Carnival	Heuchera Carnival	
	Iberis 'Snowsation'	Iberis 'Snowsation'	Iberis 'Snowsation'	
	Lavender 'Anouk', Primavera	Lavender 'Anouk', Primavera	Lavender 'Anouk', Primavera	
	Nepeta Junior Walker, Prelude, Whispurr	Nepeta Junior Walker, Prelude, Whispurr	Nepeta Junior Walker, Prelude, Whispurr	
	Salvia Lyrical, Marvel, Mirage	Salvia Lyrical, Marvel, Mirage	Salvia Arctic Blaze, Lyrical, Marvel, Mirage	
	Veronica Moody Blues	Veronica Moody Blues	Veronica Moody Blues	
	Viola Halo	Viola Halo	Viola Halo	
SPRING	Achillea Milly Rock, New Vintage	Achillea Milly Rock, New Vintage	Achillea Milly Rock, New Vintage	
	Armeria Dreameria	Armeria Dreameria	Armeria Dreameria	
	Coreopsis 'Golden Stardust', 'Super Star', UpTick	Coreopsis 'Golden Stardust', 'Super Star', UpTick	Coreopsis 'Golden Stardust', 'Super Star', UpTick	
	Dianthus Mountain Frost	Dianthus Mountain Frost	Dianthus Mountain Frost	
	Digitalis Arctic Fox Rose	Digitalis Arctic Fox Rose	Digitalis Arctic Fox Rose	
	Echinacea Sombrero	Echinacea Sombrero	Echinacea Sombrero	
	Heuchera Carnival	Heuchera Carnival	Heuchera Carnival	
	Iberis 'Summer Snowdrift'	Iberis 'Summer Snowdrift'	Iberis 'Summer Snowdrift'	
	Lavender Primavera, 'SuperBlue'	Lavender Primavera, 'SuperBlue'	Lavender Primavera, 'SuperBlue'	
	Leucanthemum Ooh La, 'Whitecap'	Leucanthemum Ooh La, 'Whitecap'	Leucanthemum Ooh La, 'Whitecap'	
	Miscanthus Bandwidth	Miscanthus Bandwidth	Miscanthus Bandwidth	
	Monarda Balmy	Monarda Balmy	Monarda Balmy	
	Nepeta Junior Walker, Prelude, Whispurr	Nepeta Junior Walker, Prelude, Whispurr	Nepeta Junior Walker, Prelude, Whispurr	
	Penstemon MissionBells Deep Rose, Quartz, Rock Candy	Penstemon MissionBells Deep Rose, Quartz, Rock Candy	Penstemon MissionBells Deep Rose, Quartz, Rock Candy	
	Salvia Lyrical, Marvel	Salvia Lyrical, Marvel	Salvia Lyrical, Marvel	
Veronica Moody Blues	Veronica Moody Blues	Veronica Moody Blues		

	CANADA	MIDWEST	GREAT LAKES	NORTHEAST
	Alyssum 'Golden Spring'	Alyssum 'Golden Spring'	Alyssum 'Golden Spring'	Alyssum 'Golden Spring'
	Dianthus Mountain Frost	Dianthus Mountain Frost	Dianthus Mountain Frost	Dianthus Mountain Frost
	Heuchera Carnival	Heuchera Carnival	Heuchera Carnival	Heuchera Carnival
	Iberis 'Snowsation'	Iberis 'Snowsation'	Iberis 'Snowsation'	Iberis 'Snowsation'
	Lavender 'Anouk', Primavera	Lavender 'Anouk', Primavera	Lavender 'Anouk', Primavera	Lavender 'Anouk', Primavera
	Viola Halo	Viola Halo	Viola Halo	Viola Halo
	Achillea Milly Rock, New Vintage	Achillea Milly Rock, New Vintage	Achillea Milly Rock, New Vintage	Achillea Milly Rock, New Vintage
	Coreopsis 'Golden Stardust', 'Super Star'	Armeria Dreameria	Armeria Dreameria	Armeria Dreameria
	Dianthus Mountain Frost	Coreopsis 'Golden Stardust', 'Super Star', UpTick	Coreopsis 'Golden Stardust', 'Super Star', UpTick	Coreopsis 'Golden Stardust', 'Super Star', UpTick
	Digitalis Arctic Fox Rose	Dianthus Mountain Frost	Dianthus Mountain Frost	Dianthus Mountain Frost
	Echinacea Sombrero	Digitalis Arctic Fox Rose	Digitalis Arctic Fox Rose	Digitalis Arctic Fox Rose
	Heuchera Carnival	Echinacea Sombrero	Echinacea Sombrero	Echinacea Sombrero
	Iberis 'Summer Snowdrift'	Heuchera Carnival	Heuchera Carnival	Heuchera Carnival
	Lavender Primavera, 'SuperBlue'	Iberis 'Summer Snowdrift'	Iberis 'Summer Snowdrift'	Iberis 'Summer Snowdrift'
	Leucanthemum Ooh La, 'Whitecap'	Lavender Primavera, 'SuperBlue'	Lavender Primavera, 'SuperBlue'	Lavender Primavera, 'SuperBlue'
	Monarda Balmy	Leucanthemum Ooh La, 'Whitecap'	Leucanthemum Ooh La, 'Whitecap'	Leucanthemum Ooh La, 'Whitecap'
	Nepeta Junior Walker, Prelude, Whispurr	Miscanthus Bandwidth	Miscanthus Bandwidth	Miscanthus Bandwidth
	Penstemon MissionBells Deep Rose	Monarda Balmy	Monarda Balmy	Monarda Balmy
	Salvia Lyrical, Marvel	Nepeta Junior Walker, Prelude, Whispurr	Nepeta Junior Walker, Prelude, Whispurr	Nepeta Junior Walker, Prelude, Whispurr
	Veronica Moody Blues	Penstemon Quartz, Rock Candy	Penstemon Rock Candy	Penstemon Quartz, Rock Candy
	Viola Halo	Salvia Lyrical, Marvel	Salvia Lyrical, Marvel	Salvia Lyrical, Marvel
		Veronica Moody Blues	Veronica Moody Blues	Veronica Moody Blues
		Viola Halo	Viola Halo	Viola Halo

REGIONAL TOP PICKS *Continued*

This chart highlights top varieties from Darwin Perennials that will grow best in each season and region.

FLOWERING SEASON	PACIFIC NORTHWEST	SOUTHEAST	SOUTHWEST	
SUMMER*	Achillea Milly Rock, New Vintage	Achillea Milly Rock, New Vintage	Achillea Milly Rock, New Vintage	
	Armeria Dreameria	Armeria Dreameria	Armeria Dreameria	
	Caryopteris 'Gold Crest', Grand Bleu	Caryopteris 'Gold Crest', Grand Bleu	Caryopteris 'Gold Crest', Grand Bleu	
	Digitalis Arctic Fox Rose	Digitalis Arctic Fox Rose	Digitalis Arctic Fox Rose	
	Heliopsis 'Sunstruck'	Heliopsis 'Sunstruck'	Heliopsis 'Sunstruck'	
	Iberis 'Summer Snowdrift'	Iberis 'Summer Snowdrift'	Iberis 'Summer Snowdrift'	
	Lavender Primavera, 'SuperBlue'	Lavender 'SuperBlue'	Lavender 'SuperBlue'	
	Leucanthemum Ooh La, 'Whitecap'	Perovskia 'CrazyBlue'	Perovskia 'CrazyBlue'	
	Monarda Balmy	Phlox 'Cherry Cream', Ka-Pow, Super Ka-Pow	Phlox 'Cherry Cream', Ka-Pow, Super Ka-Pow	
	Nepeta Prelude	Salvia Lyrical, Marvel	Salvia Lyrical, Marvel	
	Perovskia 'CrazyBlue'	Scabiosa Flutter	Scabiosa Flutter	
	Phlox 'Cherry Cream', Ka-Pow, Super Ka-Pow	Veronica Moody Blues		
	Salvia Lyrical, Marvel			
	Scabiosa Flutter			
	Veronica Moody Blues			
	FALL*	Achillea Milly Rock, New Vintage	Achillea Milly Rock, New Vintage	Achillea Milly Rock, New Vintage
Armeria Dreameria		Armeria Dreameria	Armeria Dreameria	
Caryopteris 'Gold Crest', Grand Bleu		Caryopteris 'Gold Crest', Grand Bleu	Caryopteris 'Gold Crest', Grand Bleu	
Coreopsis UpTick		Coreopsis UpTick	Coreopsis UpTick	
Digitalis Arctic Fox Rose		Digitalis Arctic Fox Rose	Digitalis Arctic Fox Rose	
Echinacea Sombrero		Echinacea Sombrero	Echinacea Sombrero	
Helenium Salud		Helenium Salud	Helenium Salud	
Helianthus 'Autumn Gold'		Helianthus 'Autumn Gold'	Helianthus 'Autumn Gold'	
Heuchera Carnival		Heuchera Carnival	Heuchera Carnival	
Lavender Primavera, 'SuperBlue'		Miscanthus Bandwidth	Miscanthus Bandwidth	
Miscanthus Bandwidth		Penstemon Rock Candy	Penstemon Rock Candy	
Penstemon Rock Candy		Perovskia 'CrazyBlue'	Perovskia 'CrazyBlue'	
Perovskia 'CrazyBlue'		Salvia Lyrical, Marvel, Mirage	Salvia Lyrical, Marvel, Mirage	
Salvia Lyrical, Marvel, Mirage				

* Many of these varieties are included in our Summer and Fall culture trials.

	CANADA	MIDWEST	GREAT LAKES	NORTHEAST
	Achillea Milly Rock, New Vintage	Achillea Milly Rock, New Vintage	Achillea Milly Rock, New Vintage	Achillea Milly Rock, New Vintage
	Armeria Dreameria	Armeria Dreameria	Armeria Dreameria	Armeria Dreameria
	Caryopteris 'Gold Crest', Grand Bleu	Caryopteris 'Gold Crest', Grand Bleu	Caryopteris 'Gold Crest', Grand Bleu	Caryopteris 'Gold Crest', Grand Bleu
	Digitalis Arctic Fox Rose	Digitalis Arctic Fox Rose	Digitalis Arctic Fox Rose	Digitalis Arctic Fox Rose
	Heliopsis 'Sunstruck'	Heliopsis 'Sunstruck'	Heliopsis 'Sunstruck'	Heliopsis 'Sunstruck'
	Iberis 'Summer Snowdrift'	Iberis 'Summer Snowdrift'	Iberis 'Summer Snowdrift'	Iberis 'Summer Snowdrift'
	Lavender Primavera, 'SuperBlue'	Lavender Primavera, 'SuperBlue'	Lavender Primavera, 'SuperBlue'	Lavender Primavera, 'SuperBlue'
	Leucanthemum Ooh La, 'Whitecap'	Leucanthemum Ooh La, 'Whitecap'	Leucanthemum Ooh La, 'Whitecap'	Leucanthemum Ooh La, 'Whitecap'
	Monarda Balmy	Monarda Balmy	Monarda Balmy	Monarda Balmy
	Nepeta Junior Walker, Prelude, Whispurr	Nepeta Junior Walker, Prelude, Whispurr	Nepeta Junior Walker, Prelude, Whispurr	Nepeta Junior Walker, Prelude, Whispurr
	Perovskia 'CrazyBlue'	Penstemon MissionBells Deep Rose	Penstemon MissionBells Deep Rose	Penstemon MissionBells Deep Rose
	Phlox 'Cherry Cream', Ka-Pow, Super Ka-Pow	Perovskia 'CrazyBlue'	Perovskia 'CrazyBlue'	Perovskia 'CrazyBlue'
	Salvia Lyrical, Marvel	Phlox 'Cherry Cream', Ka-Pow, Super Ka-Pow	Phlox 'Cherry Cream', Ka-Pow, Super Ka-Pow	Phlox 'Cherry Cream', Ka-Pow, Super Ka-Pow
	Scabiosa Flutter	Salvia Lyrical, Marvel	Salvia Lyrical, Marvel	Salvia Lyrical, Marvel
	Veronica Moody Blues	Scabiosa Flutter	Scabiosa Flutter	Scabiosa Flutter
		Veronica Moody Blues	Veronica Moody Blues	Veronica Moody Blues
	Achillea Milly Rock, New Vintage	Achillea Milly Rock, New Vintage	Achillea Milly Rock, New Vintage	Achillea Milly Rock, New Vintage
	Coreopsis UpTick	Coreopsis UpTick	Coreopsis UpTick	Coreopsis UpTick
	Digitalis Arctic Fox Rose	Digitalis Arctic Fox Rose	Digitalis Arctic Fox Rose	Digitalis Arctic Fox Rose
	Echinacea Sombrero	Echinacea Sombrero	Echinacea Sombrero	Echinacea Sombrero
	Helenium Salud	Helenium Salud	Helenium Salud	Helenium Salud
	Helianthus 'Autumn Gold'	Helianthus 'Autumn Gold'	Helianthus 'Autumn Gold'	Helianthus 'Autumn Gold'
	Heuchera Carnival	Heuchera Carnival	Heuchera Carnival	Heuchera Carnival
	Lavender Primavera, 'SuperBlue'	Lavender Primavera, 'SuperBlue'	Lavender Primavera, 'SuperBlue'	Lavender Primavera, 'SuperBlue'
	Penstemon Rock Candy	Miscanthus Bandwidth	Miscanthus Bandwidth	Miscanthus Bandwidth
	Perovskia 'CrazyBlue'	Penstemon Rock Candy	Penstemon Rock Candy	Penstemon Rock Candy
	Salvia Lyrical, Marvel	Perovskia 'CrazyBlue'	Perovskia 'CrazyBlue'	Perovskia 'CrazyBlue'
		Salvia Lyrical, Marvel	Salvia Lyrical, Marvel	Salvia Lyrical, Marvel

DARWIN PERENNIALS ONLINE FIRST-YEAR-FLOWERING TOOL

Plan Your Perennial Program

Darwin Perennials offers the most innovative solutions for your growing challenges. With our recent introduction of a wide range of perennial crops that have broken the vernalization barrier – we now offer **over 150 first-year-flowering options** from many of our popular classes that do not require cold treatment. With this innovation, it's easier than ever before to schedule your perennial crops.

We are able to provide the best products on the market thanks to our extensive trialing and culture research at our facility in West Grove, PA. The culmination of this trialing has aided in the creation of our robust and interactive **First-Year-Flowering Tool**, an easy-to-use resource that tells you exact scheduling dates to hit any specific bloom week for all of our first-year-flowering varieties.

Take a look at the easy steps on the next page.



1

Go to FirstYearFloweringTool.com...

First-Year-Flowering Scheduling Tool



We are able to provide the best products on the market thanks to our extensive trialing and culture research at our facility in West Grove, PA. The culmination of this trialing has aided in the creation of our robust and interactive **First-Year-Flowering Tool**, an easy-to-use resource that tells you exact scheduling dates to hit any specific bloom week for all of our first-year-flowering varieties.

[Click here to begin scheduling](#)

2

Select your crop of choice...

Coreopsis UpTick™	2017	X	X	X
Digitalis Arctic Fox	2020	X	X	X
Echinacea Sombbrero®	2021	X	X	X
Erysimum linifolium Bowles Me Away	2018	X	X	X
Erysimum Cheers™	2018	X	X	X
Eupatorium purpureum Euphoria™	2020	X	X	X
Eupatorium dubium Little Joe	X	X	X	X
Gaura lindheimeri Little Janie	2015	X	X	
Gaura lindheimeri Little Janie	2015	X	X	
Helenium autumnale Salud™	2019	X	X	X
Helianthus saicifolius Autumn Gold	2018	X	X	X
Helioopsis helianthoides Sunstruck	2014	X	X	X

3

Input your desired finish week and receive instant crop schedule results!

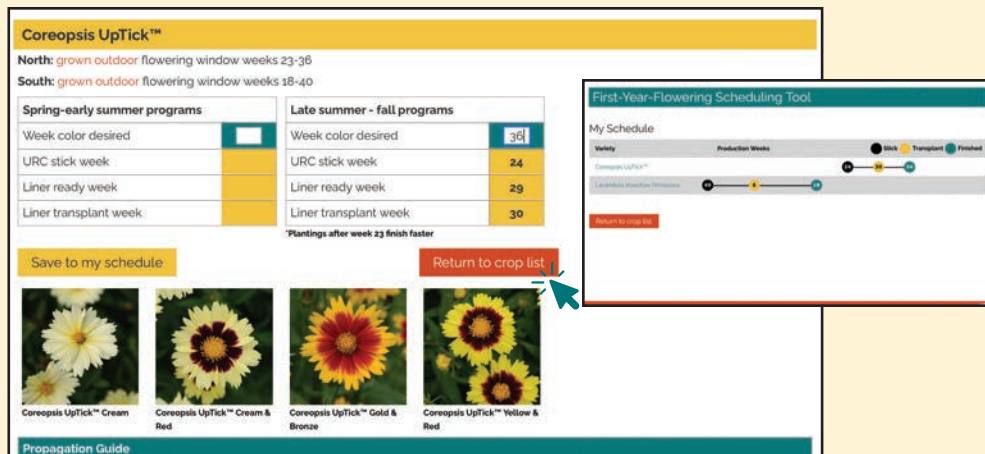
Coreopsis UpTick™

North: grown outdoor flowering window weeks 23-36
 South: grown outdoor flowering window weeks 18-40

Spring-early summer programs	Late summer - fall programs
Week color desired: <input type="checkbox"/>	Week color desired: <input type="checkbox"/> 36
URC stick week: <input type="checkbox"/>	URC stick week: <input type="checkbox"/> 24
Liner ready week: <input type="checkbox"/>	Liner ready week: <input type="checkbox"/> 29
Liner transplant week: <input type="checkbox"/>	Liner transplant week: <input type="checkbox"/> 30

*Plantings after week 23 finish faster

[Save to my schedule](#) [Return to crop list](#)



Coreopsis UpTick™ Cream
 Coreopsis UpTick™ Cream & Red
 Coreopsis UpTick™ Gold & Bronze
 Coreopsis UpTick™ Yellow & Red

Propagation Guide

PERENNIAL STARTERS

OUR EASIEST-TO-GROW PERENNIALS FOR ANY EXPERIENCE LEVEL



Penstemon
Rock Candy Ruby, p. 80

GROW LIKE A PERENNIAL PRO

For new growers or those looking to break into the perennial market, we understand perennials can present diverse challenges. That's why we've gathered our **top 10 easiest-to-grow perennials** for any experience level. Take the fear out of growing perennials with these low-maintenance starter varieties. If you can grow annuals, you can definitely incorporate these products into your roster for a **program that is sure to hit the major perennial classes** your customers are looking for. No special environments or fertilizers needed, no cold treatment or special lighting. Plant these and you won't be able to keep them from flowering!

Achillea Milly Rock™ Series (Zone 4), page 23

Coreopsis UpTick™ Series (Zone 5), page 41

Iberis 'Summer Snowdrift' (Zone 6), page 53

Lavandula (English) 'SuperBlue' (Zone 5), page 57

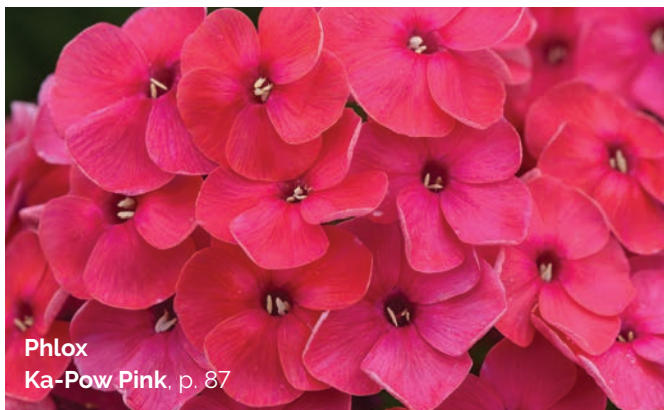
Leucanthemum 'Whitecap' (Zone 5), page 63

Penstemon Rock Candy® Series (Zone 5), page 80

Phlox Ka-Pow® Series (Zone 4), page 87

Salvia 'Rose Marvel' (Zone 4), page 97

Veronica Moody Blues® Series (Zone 4), page 117



TOP POLLINATOR PLANTS

We've gathered our best of the best pollinator-friendly varieties that are known to attract bees, butterflies, hummingbirds and more. Take a look at these buzz-worthy perennials below that are sure to captivate consumer gardens.

Caryopteris 'Gold Crest' and **Grand Bleu®**, page 38

Digitalis Arctic Fox Rose, page 45

Echinacea Sombrero® Series, page 10

Lavandula Anouk Series, Primavera and **'SuperBlue'**, pages 57, 59-60

Monarda Balmy™ Series and **NEW Bee-Mine™ Series**, pages 71-72

Nepeta Junior Walker™, Prelude™ Series and **Whispurr™ Series**, pages 75, 77-78

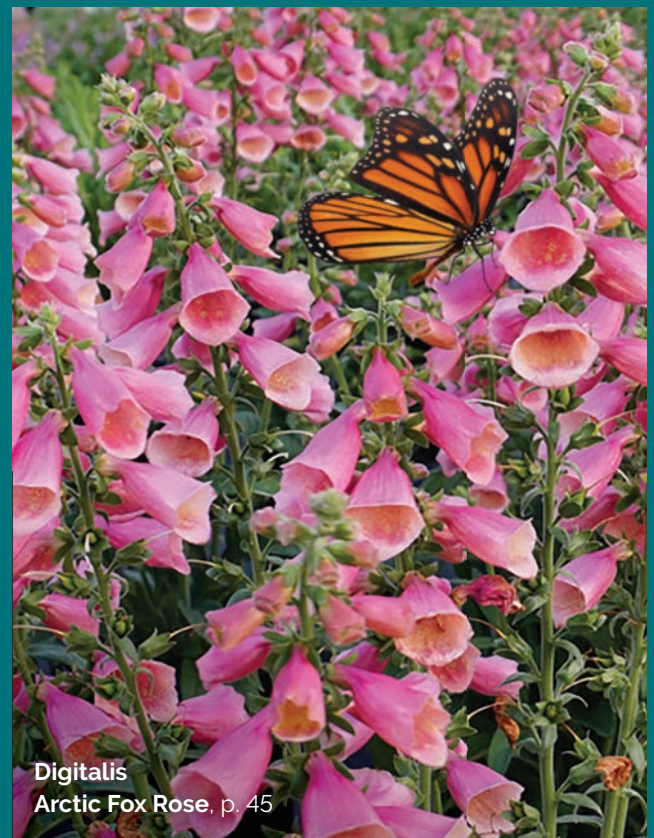
Penstemon MissionBells™ Deep Rose, Quartz® Series and **Rock Candy® Series**, pages 80, 83

Perovskia 'CrazyBlue', page 85

Salvia Arctic Blaze® Series, Lyrical™ Series, Marvel Collection and **Mirage™ Series**, pages 97-99, 104-106

Scabiosa Flutter™ Series, page 108

Veronica Moody Blues® Series, page 117



ALL YOU NEED TO GROW THE FINEST PERENNIALS IN THE INDUSTRY.

Culture Guide



DARWIN PERENNIALS ESSENTIAL CULTURE GUIDE

UPON RECEIPT

Unrooted perennials should be stuck as quickly as possible. Tender cuttings such as *Artemisia*, *Agastache*, *Lavandula*, *Perovskia* and *Salvia* should be immediate priority. Cuttings that cannot be stuck immediately should be maintained in a cooler at 40 to 45°F (4 to 7°C). Refer to the Propagation Guide for crop-specific suggestions. Generally speaking, herbaceous perennials benefit from a basal stem dip of IBA rooting hormone to speed up the rooting process. Be careful with misting levels. Perennials suffer from receiving too much mist more often than from too little mist.

Callused perennials have already begun the rooting process, arriving with less water loss than standard URCs. They *should not* be placed in the standard Day 1 mist area. Instead, they should begin at approximately 30-50% of the standard mist program, roughly the same amount of mist that standard cuttings would receive around Day 7 under mist. If using high humidity or tents at this stage, that is where callused cuttings should go. It is not necessary to use rooting hormones on callused cuttings, as they have already been treated at the farm. It is recommended to continue your standard protocols for using Pageant Intrinsic fungicide in propagation.

Rooted perennials should be unpacked and inspected for active root growth. It is often preferable to place recently received perennial liners on a bench or the ground for a few days to help them overcome transport stress. This is particularly important for liners that have been shipped in boxes. Water on arrival and look for new root activity prior to transplant, if possible.

AT TRANSPLANT

Well-rooted and toned perennial liners are able to withstand transplant stress very well. Critical to success, provide newly transplanted perennials with immediate irrigation. Watering at the end of the transplant line rather than after you've filled a bed greatly improves uniformity of new root establishment. In any case, do not allow media surface to dry after transplant for the first several days until new roots are extending into the media. Perennials do not like to be planted too deep. Generally speaking, perennial liners should be planted level with the soil surface.

Use a well-drained media containing properly composted bark. These types of perennial soil media are readily available. It is important that the media incorporates a surfactant to help ensure proper wetting and re-wetting of the media. The media should be stabilized to a pH of 5.8 to 6.2 and an EC of 1 to 1.2 using the Saturated Media Extract (SME) method.

FERTILIZATION

Perennials can be fed using liquid fertilizers on a periodic or constant feed basis. Liquid fertilizer rates can be found in the Perennial Finishing Guide. Use a balanced formula that complements the pH and alkalinity of your irrigation water. Liquid fertilizing offers advantages of greater flexibility and control over fertility levels, but can be difficult to administer economically when overhead irrigation is used. In the case of overhead irrigation, controlled release fertilizers (CRF) are preferable. Incorporate CRF into the media prior to planting based on manufacturer's recommendations or top-dress after planting.

SPACING

Spring-planted perennials should be spaced to finished spacing after transplant. This allows better growing conditions and helps to avoid overcrowding and stretch. The added airflow will help reduce foliar diseases and allow for better insect control.

Fall-planted perennials can be spaced at transplant in temperate climates or placed pot-tight in climates where temperatures cause containers to freeze. In either case, proper spacing for the anticipated finished size of the plant will dramatically improve plant quality and reduce labor.

INSECTS AND DISEASES

Incoming perennial liners or cuttings should be inspected for pests and diseases. Apply appropriate treatments as needed.

After transplant, regular scouting and careful observation is critical to maintaining a healthy crop. The practice of integrated pest management (IPM) will reduce losses and pesticide costs by identifying and correcting problems before they escalate. If a pesticide treatment is necessary, please refer to the manufacturer's label regarding proper usage. It is always a good practice to test new varieties for phytotoxicity when making pesticide applications.

VERNALIZATION AND BULKING

A number of perennial species require a period of cold temperature exposure to flower. The length of time varies from just a few weeks below 50°F (10°C) to as much as 10 weeks below 40°F (4°C). Generally speaking, early Spring-flowering perennials like *Phlox subulata*, *Iberis* and *Alyssum* require a cold period to flower. Many perennials, such as *Salvia nemorosa*, *Monarda* and *Phlox paniculata*, do not require vernalization to flower, but do benefit from a cold, short day bulking period. In these cases, Summer or Fall planting increases root and crown mass, and the corresponding flowering shoots on the plants. It has also been shown to hasten flowering in many species by up to four weeks.

OVERWINTERING













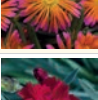


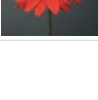
The keys to success when overwintering perennials are:

- Avoid standing water
- Provide adequate air circulation
- Use preventative disease treatments
- Remove dead leaf/tissue
- Utilize rodent control
- Low media EC when entering dormancy
- Avoid freeze and thaw cycles

The overwintering area, whether in a field or hoop house, should be sloped so that rain or other water sources cannot accumulate. In climates where Winter conditions freeze and thaw, cover prior to freeze and uncover as soon as possible. Where temperatures remain below freezing, cover after first freeze and maintain the cover until late Winter or early Spring when weather moderates. Remove dead and abscising leaves from herbaceous perennials like *Hosta*, *Monarda*, *Heliopsis* and dormant *Hemerocallis*. Apply a broad-spectrum fungicide prior to covering or closing hoop houses to reduce disease pressure.
















Once weather conditions moderate, be sure to scout for insect and disease problems, and respond accordingly. Also, check pH and EC levels in the media. Perennials that emerge from dormancy will begin to grow rapidly, and the lack of adequate nutrition will lead to reduced branching, lower leaf loss and smaller flowers.

DARWIN PERENNIALS PROPAGATION GUIDE

PAGE		CROP	SERIES/VARIETY	MEDIA EC/PH	SOIL TEMPERATURE	ROOTING HORMONE	
24		ACHILLEA <i>Achillea hybrida</i>	Moon Dust	EC 1.0-1.25 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	
23		ACHILLEA <i>Achillea millefolium</i>	Milly Rock™ Series	EC 1.0-1.25 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	
21, 24		ACHILLEA <i>Achillea millefolium</i>	New Vintage™ Series, Song Siren™ Layla	EC 1.0-1.25 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	
27		AGASTACHE <i>Agastache rugosa</i>	Little Adder	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
29		ALYSSUM <i>Alyssum wulfenianum</i>	Golden Spring	EC 0.80-1.0 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
32		ARMERIA <i>Armeria pseudarmeria</i>	Dreameria® Series	EC 0.80 mmhos/pH 5.8-6.2	70-74°F (21-23°C)	2,500 ppm IBA	
30		ARTEMISIA <i>Artemisia gmelinii</i>	SunFern™ Collection	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
34		BUDDLEIA <i>Buddleia davidii</i>	Chrysalis™ Series	EC 0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
38		CARYOPTERIS <i>Caryopteris x clandonensis</i>	Gold Crest, Grand Bleu®	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000-3,000 ppm IBA	
42		COREOPSIS <i>Coreopsis grandiflora</i>	Sunny Day	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	
39, 40, 41		COREOPSIS <i>Coreopsis hybrida</i>	Electric Sunshine, Golden Stardust, Super Star, UpTick™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	
42		COREOPSIS <i>Coreopsis verticillata</i>	Crème Caramel, Sylvester	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	
44		DELOSPERMA <i>Delosperma hybrida</i>	Ocean Sunset™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
18		DIANTHUS <i>Dianthus hybrida</i>	Mountain Frost™ Collection	EC 0.80 mmhos/pH 5.8-6.2	68-70°F (20-21°C)	500 ppm IBA	
45		DIGITALIS <i>Digitalis hybrida</i>	Arctic Fox Rose	EC 0.75-0.80 mmhos/pH 6.0-6.4	70-72°F (21-22°C)	1,000 ppm IBA basal dip	
12, 10, 11		ECHINACEA <i>Echinacea x hybrida</i>	Double Scoop™ Series, Sombrero® Series, Sombrero Poco™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	72-78°F (21-24°C)	None	











	MIST	FERTILIZATION	PINCHING	TRANSPLANTING	COMMENTS
	Low to moderate	50-75 ppm N	Not necessary, remove premature flowers.	28-35 days after sticking	Do not over-mist.
	Low to moderate	50-75 ppm N	Pinch to remove flower buds.	35-42 days after sticking	Mist enough to rehydrate cuttings. Do not over-mist beyond Day 2 or 3. Do not stick cuttings too deep. Tall leaves can be trimmed if necessary.
	Low to moderate	50-75 ppm N	Not necessary, remove premature flowers.	28-35 days after sticking	Do not over-mist.
	Low to moderate	50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	28-35 days after sticking	Stick cuttings the day of arrival, if possible.
	Low	50-75 ppm N	Recommended. Soft pinch. Lower nodes may become inactive.	35-42 days after sticking	This Alyssum requires light mist and soil moisture. Can be rooted under a dome or tent. Do not over-mist.
	Low	100 ppm N starting at Day 7	Not necessary.	42-45 days after sticking	Quite easy to propagate. Do not over-mist. Remove from mist after 10 to 12 days. Allow media to dry slightly between irrigations to encourage root development.
	Low to moderate	50-75 ppm N starting Day 7	Pinch once, prior to transplant.	35-42 days after sticking	Mist enough to rehydrate cuttings. Do not over-mist beyond Day 2 or 3. Arcadia is particularly sensitive to over-misting in propagation.
	Low to moderate	50-75 ppm N starting at Day 7	Remove buds/flowers in propagation.	42-49 days after sticking	Buddleia Chrysalis series is very free flowering. Budding in cuttings does not affect rooting. Watch media moisture levels. Excessive moisture will delay rooting.
	Low to moderate	50-75 ppm N	Pinch once in the liner stage.	35-42 days after sticking	Discontinue mist as quickly as possible once rooting occurs.
	Moderate	50-75 ppm N	Pinch once in the liner stage.	28-35 days after sticking	Begin fertilizing 7 days after stick. Avoid over-misting.
	Moderate	50-75 ppm N	Pinch once in the liner stage.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
	Low	50-75 ppm N	Pinch once in the liner stage and once after transplant for best results.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
	Very low	50 ppm N starting at Day 7	Pinch once, prior to transplant.	35-42 days after sticking	Mist enough to rehydrate cuttings. Do not over-mist beyond Day 2 or 3. Do not oversaturate media.
	Very low	50 ppm N starting at Day 7	Pinch to remove any flower buds.	42-49 days after sticking	Dianthus require very low mist settings to root. Over-misting will result in slow rooting and high losses in propagation.
	Low to moderate	50-75 ppm N	Not typical in propagation.	42-49 days after sticking	Digitalis root slowly with first roots showing 15 to 18 days after stick. However, it is best to discontinue mist prior to visible root, as they root more quickly when not over-misted and when media is allowed to dry slightly between waterings.
	Low; prefers high humidity to mist	50 ppm N starting at Day 7	Not necessary.	49-56 days after sticking	Please refer to our complete Tissue Culture Echinacea guide at DarwinPerennials.com for detailed rooting information.

DARWIN PERENNIALS PROPAGATION GUIDE

PAGE		CROP	SERIES/VARIETY	MEDIA EC/PH	SOIL TEMPERATURE	ROOTING HORMONE	
47		ERYSIMUM <i>Erysimum linifolium</i>	Bowles Me Away	EC 0.80 mmhos/pH 5.8-6.2	68-70°F (20-21°C)	500 ppm IBA	
46		EUPATORIUM <i>Eupatorium dubium</i>	Little Joe	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
46		EUPATORIUM <i>Eupatorium purpureum</i>	Euphoria™ Ruby	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
49		GAURA <i>Gaura lindheimeri</i>	Ballerina™ Series, Belleza® Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	68-73°F (20-23°C)	500 ppm IBA	
48		GAURA <i>Gaura lindheimeri</i>	Little Janie, Whiskers Deep Rose	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
50		HELENIUM <i>Helenium autumnale</i>	Salud™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	
51		HELIANTHUS <i>Helianthus angustifolius</i>	Autumn Gold	EC 0.80 mmhos/pH 5.8-6.2	70-74°F (21-23°C)	500 ppm IBA	
51		HELIOPSIS <i>Heliopsis helianthoides</i>	Sunstruck	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	
14		HEUCHERA <i>Heuchera x hybrida</i>	Carnival Series	EC 0.80-1.0 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	
15		HEUCHERA <i>Heuchera x villosa</i>	Big Top Caramel Apple	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-74°F (21-23°C)	None	
53		IBERIS <i>Iberis hybrid</i>	Summer Snowdrift	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
54		IBERIS <i>Iberis sempervirens</i>	Snowsation	EC 0.80 mmhos/pH 5.8-6.2	68-72°F (20-22°C)	300 ppm IBA	
57		LAVANDULA <i>Lavandula angustifolia</i>	Annet, SuperBlue	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
60, 61		LAVANDULA <i>Lavandula stoechas</i>	Anouk Series, Bright Luxurious, Luxurious	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
59		LAVANDULA <i>Lavandula stoechas</i>	Primavera	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	














	MIST	FERTILIZATION	PINCHING	TRANSPLANTING	COMMENTS
	Low	Begin feeding 50-75 ppm N 10 days after sticking	Pinch 21-25 days after sticking.	42-49 days after sticking	Don't oversaturate media. Low mist levels work best.
	High for first few days, then reduce to moderate.	50-100 ppm N	Recommended.	42-49 days after sticking	
	Low to moderate	50 ppm N starting at Day 7	Yes, pinch once in propagation around Day 21.	42-49 days after sticking	Eupatorium are quite easy to root. Use a basal hormone tip to ensure rooting uniformity.
	Low to moderate	75-100 ppm N when roots become visible; increase to 150-200 ppm N as roots develop	Yes, 7 days before transplanting.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
	Low to moderate	50-75 ppm N when roots become visible	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
	Moderate	50-75 ppm N	Pinch once in the liner stage.	42-49 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
	Low	Feed at 100 ppm N after 9 days	Pinch once shoots elongate for best branching.	35-42 days after sticking	Typically remove from propagation area after two weeks. Don't keep rooting media excessively wet. Use long-day lighting when propagating when day length is less than 12 hours.
	Low	50-75 ppm N when roots become visible	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation. Long day obligate plant. Must provide long days in propagation.
	Low to moderate	50-75 ppm N after 14 days	Not necessary.	8-10 weeks after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C).
	Low; prefers high humidity rather than mist	50 ppm N starting at Day 7	Not necessary.	56-63 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Review our Heuchera Tissue Culture guide at darwinperennials.com/Culture/ProductionGuides .
	Low to moderate	50-75 ppm N when roots become visible	Recommended after roots are established. Leave active internodes.	28-35 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation. Cuttings typically arrive with flowers already induced due to cool night temperatures in Colombia. Non-induced cuttings require 6 weeks of night temperatures below 55°F (13°C) to flower.
	Low to moderate	100 ppm N starting at Day 10	Yes, pinch after 4 weeks. Can be double pinched in the liner stage for even greater branching.	42-49 days after sticking	Iberis benefit from a basal IBA dip prior to sticking. Do not over-mist or high losses can occur.
	Low; prefers high humidity rather than mist.	50-75 ppm N	Recommended.	42-56 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
	Low; prefers high humidity rather than mist.	50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	42-56 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
	Low; prefers high humidity rather than mist.	50 ppm N starting at Day 7	Recommended after roots are established. Leave 4-5 active internodes.	42-56 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.

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PAGE		CROP	SERIES/VARIETY	MEDIA EC/PH	SOIL TEMPERATURE	ROOTING HORMONE	
65		LEUCANTHEMUM <i>Leucanthemum x superbum</i>	Santé	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
65		LEUCANTHEMUM <i>Leucanthemum x superbum</i>	White Magic	EC 0.80 mmhos/pH 5.8-6.4	68-74°F (20-23°C)	500 ppm IBA	
63		LEUCANTHEMUM <i>Leucanthemum x superbum</i>	Whitecap	EC 0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
68		LYSIMACHIA <i>Lysimachia alfredii</i>	Night Light	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
68		LYSIMACHIA <i>Lysimachia congestiflora</i>	Firefly	EC 0.75-0.80 mmhos/pH 5.8-6.2	72-78°F (21-24°C)	500 ppm IBA	
72		MONARDA <i>Monarda didyma</i>	Balmy™ Series	EC 1.0-1.25 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
71		MONARDA <i>Monarda didyma</i>	Bee-Mine™ Series	EC 1.0-1.25 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
78		NEPETA <i>Nepeta subsessilis</i>	Prelude™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	
77		NEPETA <i>Nepeta x faassenii</i>	Junior Walker™	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	
75		NEPETA <i>Nepeta x faassenii</i>	Whispurr™ Series	EC 0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
80		PENSTEMON <i>Penstemon barbatus</i>	Rock Candy® Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
82, 83		PENSTEMON <i>Penstemon hybrida</i>	Cherry Sparks, MissionBells™ Deep Rose, Quartz® Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
81		PENSTEMON <i>Penstemon hybrida</i>	Mini-Bells™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
85, 84		PEROVSKIA <i>Perovskia atriplicifolia</i>	CrazyBlue, Little Lace	EC 1.0-1.25 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000-1,500 ppm IBA	
90, 87, 88		PHLOX <i>Phlox paniculata</i>	Cherry Cream, Ka-Pow® Series, Super Ka-Pow™ Series	EC 0.80 mmhos/pH 5.8-6.2	68-74°F (20-23°C)	500 ppm IBA	
104		SALVIA <i>Salvia greggii</i>	Mirage™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	

	MIST	FERTILIZATION	PINCHING	TRANSPLANTING	COMMENTS
	Low	50-75 ppm N	Not typically necessary.	42-56 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
	Low to moderate	75-100 ppm N starting at Day 7	Pinch while young plants are soft and actively growing.	35-42 days after sticking	Pinch any premature buds as they become visible.
	Low to moderate	50 ppm N starting at Day 7	Pinch 21 days after sticking.	35-42 days after sticking	For fastest, most reliable rooting, do not oversaturate rooting media.
	Moderate to high for first 24 hours, then reduce to low.	50 ppm N starting at Day 7	One or two pinches prior to transplant.	42-49 days after sticking	Lysimachia should root quickly. Watch for oversaturated media.
	Low to moderate	50 ppm N starting at Day 7	One or two pinches in propagation for fuller plants.	42-49 days after sticking	Lysimachia should root quickly. Watch for oversaturated media.
	Moderate	50-75 ppm N	Recommended.	28-35 days after sticking	Do not oversaturate rooting media. Use long-day lighting when day length is less than 12 hours to keep plants actively growing.
	Moderate	50-75 ppm N	Pinch once, prior to transplant	35-42 days after sticking	Do not oversaturate rooting media. Use long-day lighting when day length is less than 12 hours to keep plants actively growing.
	Moderate	50-75 ppm N	Recommended.	35-42 days after sticking	Roots quickly. Plan to pinch in liner tray.
	Moderate	50-75 ppm N	Recommended.	35-42 days after sticking	Roots quickly. Plan to pinch in liner tray.
	Low to moderate	50-75 ppm N	Yes, pinch 14-18 days after stick.	35-42 days after sticking	Nepeta root easily. Over-misting causes slow rooting and leaf spot diseases.
	Moderate to high for first 24 hours, then reduce to low.	50-75 ppm N	Recommended.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C).
	Moderate to high for first 24 hours, then reduce to low.	50-75 ppm N	Recommended.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C).
	Low to moderate	50-75 ppm N when roots become visible	Recommended.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media.
	Moderate to high for first 24 hours, then reduce to low.	50-75 ppm N after 10 days	Recommended.	35-42 days after sticking	Do not oversaturate rooting media. Allow media to dry moderately starting 10 days after sticking to encourage root development.
	Low to moderate	75-100 ppm N starting at Day 7	Yes, while young plants are soft and actively growing.	42-49 days after sticking	Plants grow more actively under long days. Use 13-hour extended day lighting for Winter propagation.
	Moderate	50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C).

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PAGE		CROP	SERIES/VARIETY	MEDIA EC/PH	SOIL TEMPERATURE	ROOTING HORMONE	
103		SALVIA <i>Salvia greggii</i>	Radio Red	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
106		SALVIA <i>Salvia hybrida</i>	Arctic Blaze® Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
103		SALVIA <i>Salvia hybrida</i>	Blue by You	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	
99		SALVIA <i>Salvia nemorosa</i>	Lyrical™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	
98, 97		SALVIA <i>Salvia nemorosa</i>	Blue Marvel, Rose Marvel, Sky Blue Marvel	EC 0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA basal dip	
108		SCABIOSA <i>Scabiosa columbaria</i>	Flutter™ Series	EC 0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	
110		SEDUM <i>Sedum rupestre</i>	Prima Angelina	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
115		VERBENA <i>Verbena canadensis</i>	Homestead Hot Pink	EC 0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	None	
116		VERONICA <i>Veronica austriaca</i>	Venice Blue	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
117		VERONICA <i>Veronica hybrida</i>	Moody Blues® Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
116		VERONICA <i>Veronica longifolia</i>	Forever Blue	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
118		VERONICA <i>Veronica x hybrida</i>	Purpleicious	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
119		VIOLA <i>Viola cornuta</i>	Halo Series	EC 0.80-1.0 mmhos/pH 5.5-5.8	70-72°F (21-22°C)	500-750 ppm IBA	

	MIST	FERTILIZATION	PINCHING	TRANSPLANTING	COMMENTS
	Moderate	50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Begin fertilizing 7 days after stick.
	Moderate	50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Roots quickly. Plan to pinch in liner tray.
	Low	50-75 ppm N at Day 7	A soft pinch will increase branching.	35-42 days after sticking	Discontinue mist as quickly as possible and only mist to avoid leaf wilt. Begin feeding 7 days after sticking with 50-75 ppm N.
	Low	50-75 ppm N at Day 7	A soft pinch will increase branching.	35-42 days after sticking	Discontinue mist as quickly as possible and only mist to avoid leaf wilt. Begin feeding 7 days after sticking with 50-75 ppm N.
	Low	50-75 ppm N at Day 7	A soft pinch will increase branching.	35-42 days after sticking	Over-misting and saturated propagation media will dramatically delay rooting and increase rooting losses. Discontinue mist as quickly as possible and only mist to avoid leaf wilt.
	Low to moderate	75-100 ppm N starting at Day 10	Typically not necessary. Remove premature flower buds as they appear.	42-49 days after sticking	Scabiosa cuttings are sensitive to over-misting and over-watering in propagation.
	Very low	50-75 ppm N	Typically not necessary in propagation.	35-42 days after sticking	Do not over-mist. Oversaturated rooting media will slow the rooting process and contribute to stem rot. Remove from mist environment as soon as roots appear.
	Low to moderate	50-75 ppm N starting Day 7	Yes, one to two times in propagation.	35-42 days after sticking	Do not oversaturate rooting media.
	Moderate	50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Roots quickly. Plan to pinch in liner tray.
	Moderate	50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Roots quickly. Plan to pinch in liner tray.
	Moderate	50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Roots quickly. Plan to pinch in liner tray.
	Moderate	50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Roots quickly. Plan to pinch in liner tray.
	Moderate for first 24-48 hours, then reduce to low.	50-75 ppm N at Day 7	Soft pinch recommended 25-28 days after sticking.	35-42 days after sticking	Excessive media moisture will slow rooting. Begin fertilizing at Day 7 with 75 ppm N.

DARWIN PERENNIALS FINISHING GUIDE

PAGE		CROP	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT CANDLES	WATERING	FERTILIZATION
24		ACHILLEA <i>Achillea hybrida</i>	Moon Dust	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
23		ACHILLEA <i>Achillea millefolium</i>	Milly Rock™ Series	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Long day facultative	No	2,500 to 4,500	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
21, 24		ACHILLEA <i>Achillea millefolium</i>	New Vintage™ Series, Song Siren™ Layla	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
27		AGASTACHE <i>Agastache rugosa</i>	Little Adder	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	Long day facultative	No	3,000 to 5,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
29		ALYSSUM <i>Alyssum wulfenianum</i>	Golden Spring	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	Day length neutral	Yes	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
32		ARMERIA <i>Armeria pseudarmeria</i>	Dreameria® Series	5.8-6.2	Nights: 55°F (13°C) Days: 68°F (20°C)	Day length neutral	No	3,000 to 5,000	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
30		ARTEMISIA <i>Artemisia gmelinii</i>	SunFern™ Collection	5.8-6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
34		BUDDLEIA <i>Buddleia davidii</i>	Chrysalis™ Series	5.8-6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)	Long day facultative	No	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
38		CARYOPTERIS <i>Caryopteris x clandonensis</i>	Gold Crest	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
38		CARYOPTERIS <i>Caryopteris x clandonensis</i>	Grand Bleu®	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
42		COREOPSIS <i>Coreopsis grandiflora</i>	Sunny Day	5.8-6.2	Nights: 55 to 60°F (13 to 16°C) Days: 60 to 65°F (16 to 18°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry evenly between watering.	Maintain constant fertilization at 150 to 200 ppm N.
39		COREOPSIS <i>Coreopsis hybrida</i>	Electric Sunshine	5.8-6.2	Nights: 55 to 65°F (13 to 17°C) Days: 60 to 80°F (15 to 27°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
39		COREOPSIS <i>Coreopsis hybrida</i>	Golden Stardust	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
40, 41		COREOPSIS <i>Coreopsis hybrida</i>	Super Star, UpTick™ Series	5.8-6.2	Nights: 55 to 65°F (13 to 17°C) Days: 60 to 80°F (15 to 27°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
42		COREOPSIS <i>Coreopsis verticillata</i>	Crème Caramel	5.8-6.2	Days: 55 to 80°F (13 to 27°C)	Long day obligate	Beneficial to enhance bulking and plant size.	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.

	PINCHING AFTER TRANSPLANT	PLANT GROWTH REGULATORS	PESTS AND FUNGAL DISEASES	CROP SCHEDULE & USES					
				1-QT (10-CM) POT, 1 PLANT PER POT	1-GAL. (15-CM) POT, 1 PLANT PER POT	2 TO 3-GAL. (25 TO 30-CM) POT, 3 PLANTS PER POT	HEIGHT	USDA HARDINESS ZONES	BLOOM MONTHS
	Recommended	PGRs generally not needed	Pythium and rhizoctonia can result from overwatering.	Unrooted: 13-15 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	12-14 in. (30-36 cm)	5-8	June to July
	Typically not required	PGRs generally not needed	Aphids on the buds	Rooted: 6 wks	Rooted: 6-8 wks	Not recommended	10-12 in. (25-30 cm)	4-9	April to September
	Typically not required	PGRs generally not needed	Pythium and rhizoctonia can result from overwatering.	Unrooted: 13-15 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	New Vintage: 12-14 in. (30-36 cm) Song Siren: 20-22 in. (51-56 cm)	4-9	New Vintage: April to September Song Siren: June to July
	Recommended	PGRs generally not needed	Thrips, white fly	Not recommended	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	15-18 in. (38-46 cm)	5-9	April to September
	Recommended	PGRs generally not needed	None noted	Unrooted: stick week 30-35 Rooted: plant week 35-40	Unrooted: stick week 26-32 Rooted: plant week 31-36	Unrooted: stick week 22-26 Rooted: plant week 27-31	6-8 in. (15-20 cm)	4-9	April to May
	None	PGRs generally not needed	Watch for crown rot if overwatered.	Liner: 10-12 wks	Liner: 14-16 wks	Liner: 16-18 wks	10-12 in. (25-30 cm)	5-9	March to October
	Typically not required	B-Nine/ Cycocel sprays 2,500/1,000 ppm	Not particularly sensitive. Use well-drained media.	Not recommended	Rooted: 6-8 wks	10-12 wks	14-18 in. (36-46 cm)	4-9	Non-flowering
	Typically not required	PGRs generally not needed	Not particularly sensitive. Use well-drained media.	Not recommended	8-10 wks	10-12 wks	20-28 in. (51-71 cm)	5-9	March to October
	One pinch, two to three weeks after transplant.	PGRs generally not needed	Thrips, spider mites	Not recommended	Rooted: 12-14 wks	Rooted: 14 wks	28-36 in. (71-91 cm)	6-9	August to October
	None	PGRs generally not needed	Spider mites	Not recommended	Rooted: 12-14 wks	Rooted: 14 wks	48 in. (122 cm)	6-9	August to October
	Recommended	B-Nine 1500 ppm/Cycocel 800 ppm tank mix for height control	Keep good air movement to control powdery mildew.	Not recommended	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	18-24 in. (46-61 cm)	4-9	June to September
	Yes, as needed.	PGRs generally not needed	Spider mites, thrips	Not recommended	Rooted: 8-10 wks	Rooted: 10-12 wks	18-24 in. (46-61 cm)	8-9	June to November
	Yes	PGRs generally not needed	Spider mites, thrips	Rooted: 7-8 wks	Rooted: 10-12 wks	Rooted: 12-14 wks	12-14 in. (30-36 cm)	5-9	March to November
	Yes	PGRs generally not needed	Spider mites, thrips	Not recommended	Rooted: 10-12 wks	Rooted: 12-14 wks	14-16 in. (36-41 cm)	5-9	March to November
	Recommended	PGRs generally not needed	Powdery mildew, aphids	Not recommended	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	18 in. (46 cm)	5-9	May to July

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PAGE		CROP	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT CANDLES	WATERING	FERTILIZATION
42		COREOPSIS <i>Coreopsis verticillata</i>	Sylvester	5.8-6.2	Days: 55 to 80°F (13 to 27°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry evenly between watering.	Maintain constant fertilization at 150 to 200 ppm N.
44		DELOSPERMA <i>Delosperma hybrida</i>	Ocean Sunset™ Series	5.8-6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)	Day length neutral	No	5,000 to 8,000	Low to moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
18		DIANTHUS <i>Dianthus hybrida</i>	Mountain Frost™ Collection	5.8-6.2	45 to 60°F (7 to 16°C)	Day length neutral	Beneficial for an increased quantity of Spring blooms.	3,000 to 5,000	Low to moderate	Use a balanced fertilizer at a rate of 125 to 150 ppm N.
45		DIGITALIS <i>Digitalis hybrida</i>	Arctic Fox Rose	5.8-6.2	Nights: 55 to 60°F (13 to 16°C) Days: 60 to 65°F (16 to 18°C)	Long day facultative	No	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
12		ECHINACEA <i>Echinacea x hybrida</i>	Double Scoop™ Series	5.8-6.2	Nights: 55 to 60°F (13 to 16°C) Days: 60 to 65°F (16 to 18°C)	Long day obligate	No	3,500 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
10		ECHINACEA <i>Echinacea x hybrida</i>	Sombrero® Series	5.8-6.2	60 to 68°F (16 to 20°C)	Long day obligate	No	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
11		ECHINACEA <i>Echinacea x hybrida</i>	Sombrero Poco™ Series	5.8-6.2	60 to 68°F (16 to 20°C)	Long day obligate	No	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
47		ERYSIMUM <i>Erysimum linifolium</i>	Bowles Me Away	5.8-6.2	50 to 60°F (10 to 16°C)	Day length neutral	No	3,000 to 5,000	Low to moderate	150 to 175 ppm N.
46		EUPATORIUM <i>Eupatorium dubium</i>	Little Joe	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry moderately between watering. Prefers moist soils.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
46		EUPATORIUM <i>Eupatorium purpureum</i>	Euphoria™ Ruby	5.8-6.2	Nights: 55 to 60°F (13 to 16°C) Days: 60 to 65°F (16 to 18°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm.
49		GAURA <i>Gaura lindheimeri</i>	Ballerina™ Series, Belleza® Series	5.8-6.2	Nights: 56 to 61°F (13 to 16°C) Days: 71 to 76°F (21 to 24°C)	Day length neutral	No	5,000 to 9,000	Allow media to dry slightly between watering.	Maintain constant fertilization at 175 to 225 ppm N.
48		GAURA <i>Gaura lindheimeri</i>	Little Janie, Whiskers Deep Rose	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 55 to 60°F (13 to 16°C)	Day length neutral	No	3,000 to 5,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
50		HELENIUM <i>Helienium autumnale</i>	Salud™ Series	5.8-6.2	Nights: 55 to 65°F (13 to 17°C) Days: 60 to 80°F (15 to 27°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
51		HELIANTHUS <i>Helianthus angustifolius</i>	Autumn Gold	5.8-6.2	55 to 70°F (13 to 21°C)	Short day obligate	No	5,000 to 8,000	Low to moderate	Use a balanced fertilizer at a rate of 150 ppm N.
51		HELIOPSIS <i>Heliopsis helianthoides</i>	Sunstruck	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Long day obligate	Beneficial; aids in bulking.	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm.

	PINCHING AFTER TRANSPLANT	PLANT GROWTH REGULATORS	PESTS AND FUNGAL DISEASES	CROP SCHEDULE & USES					
				1-QT.(10-CM) POT, 1 PLANT PER POT	1-GAL.(15-CM) POT, 1 PLANT PER POT	2 TO 3-GAL. (25 TO 30-CM) POT, 3 PLANTS PER POT	HEIGHT	USDA HARDINESS ZONES	BLOOM MONTHS
	Recommended	PGRs generally not needed	Manage soil moisture to avoid root diseases.	Unrooted: 13-15 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	16-20 in. (41-51 cm)	4-9	June to September
	Typically not required	PGRs generally not needed	Aphids on the buds	Rooted: 6 wks	9-11 wks	Not recommended	4-6 in. (10-15 cm)	5-9	March to October
	None	PGRs generally not needed	Thrips, carnation mottle virus	18-20 wks, including 6 wks below 50°F (10°C)	18-20 wks, including 6 wks below 50°F (10°C)	Not recommended	Varies by variety	4-9	March to October
	Recommended for more flowers per plant. Not required.	PGRs generally not needed	Aphids, white fly, spider mites	Not recommended	Rooted: 12-14 wks	Rooted: 14 wks	18-24 in. (46-61 cm)	5-9	April to September; Natural season flowering
	None	None	None noted	14-16 wks Spring plant; 11-13 wks Summer plant for Fall	14-16 wks Spring plant; 11-13 wks Summer plant for Fall	14-16 wks Spring plant; 11-13 wks Summer plant for Fall	22-24 in. (56-61 cm)	4-9	June to August
	Only to remove premature flower buds.	PGRs generally not needed	Not particularly sensitive. Use well-drained media.	Not recommended	10-12 wks	Liner: 16-18 wks	18-20 in. (46-51 cm)	4-9	June to August
	Only to remove premature flower buds.	PGRs generally not needed	Not particularly sensitive. Use well-drained media.	Not recommended	10-12 wks	Not recommended	14-16 in. (36-41 cm)	4-9	June to August
	Yes, a second pinch is often beneficial.	Sumagic 5-10 ppm spray	Watch for bacterial infections.	6-8 wks	10-12 wks	12-14 wks	18-24 in. (46-61 cm)	6-8	March to September
	Recommended	Concise/ Sumagic 30-60 ppm spray	None noted	Not recommended	Rooted: 20 wks	Rooted: 20 wks	36-48 in. (91-122 cm)	3-9	July to September
	One pinch, two to three weeks after transplant.	PGRs generally not needed	Aphids, white fly, spider mites	Not recommended	Unrooted: 15-17 wks Rooted: 10-12 wks Natural flowering in early July	Unrooted: 15-17 wks Rooted: 10-12 wks Natural flowering early July	24-32 in. (61-81 cm)	4-9	July to October
	Recommended	PGRs generally not needed	Pythium, rhizoctonia, botrytis	Unrooted: 10-13 wks Rooted: 7-10 wks	Unrooted: 12-15 wks, 2-3 ppp Rooted: 9-12 wks, 2-3 ppp	Unrooted: 14-16 wks, 3-5 ppp Rooted: 11-13 wks, 3-5 ppp	12-18 in. (30-46 cm)	6-9	April to September
	Recommended	PGRs generally not needed	Spider mites, aphids	Unrooted: 12-14 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	14-18 in. (36-46 cm)	6-9	April to September
	Yes	PGRs generally not needed	Spider mites, thrips	Not recommended	Rooted: 10-12 wks	Rooted: 10-12 wks	14-16 in. (36-41 cm)	4-9	July to September
	Typically not necessary if plants were pinched in the liner.	PGRs generally not needed	Very pest and disease resistant.	Not recommended	12-14 wks. Plant Week 22-26	12-14 wks. Plant Week 22-26	24-26 in. (61-66 cm)	5-10	September to November
	Recommended	PGRs generally not needed	Pythium and rhizoctonia can result from overwatering. Thrips, white fly, aphids.	Unrooted: 14-16 wks Rooted: 8-10 wks	Unrooted: 16-19 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	14-16 in. (36-41 cm)	4-9	June to August

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PAGE		CROP	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT CANDLES	WATERING	FERTILIZATION
14		HEUCHERA <i>Heuchera x hybrida</i>	Carnival Series	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	Day length neutral	No	1,500 to 2,500	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.
15		HEUCHERA <i>Heuchera x villosa</i>	Big Top Caramel Apple	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Day length neutral	No	1,500 to 2,500	Moderate	Use a balanced fertilizer at a rate of 125 to 150 ppm N.
53		IBERIS <i>Iberis hybrid</i>	Summer Snowdrift	5.8-6.2	Nights: 45 to 55°F (7 to 13°C) Days: 55 to 65°F (13 to 18°C)	Day length neutral	Cuttings receive enough cold to induce into flower, so vernalization not required.	3,000 to 5,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
54		IBERIS <i>Iberis sempervirens</i>	Snowsation	5.8-6.2	45 to 60°F (7 to 16°C)	Day length neutral	Yes	3,000 to 5,000	Low to moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
57		LAVANDULA <i>Lavandula angustifolia</i>	Annet	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
57		LAVANDULA <i>Lavandula angustifolia</i>	SuperBlue	5.9-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
60, 61		LAVANDULA <i>Lavandula stoechas</i>	Anouk Series, Bright Luxurious, Luxurious	5.8-6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)	Day length neutral	Beneficial for earlier flowering and more blooms.	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.
59		LAVANDULA <i>Lavandula stoechas</i>	Primavera	5.8-6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.
65		LEUCANTHEMUM <i>Leucanthemum x superbum</i>	Santé	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	Long day obligate	Beneficial for bulking and earlier flowering.	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
65		LEUCANTHEMUM <i>Leucanthemum x superbum</i>	White Magic	5.8-6.2	55 to 65°F (13 to 18°C)	Long day facultative	No	5,000 to 8,000	Moderate; more required when in flower.	Use a balanced fertilizer at a rate of 150 to 200 ppm N.
63		LEUCANTHEMUM <i>Leucanthemum x superbum</i>	Whitecap	5.8-6.2	Nights: 55°F (13°C) Days: 68°F (20°C)	Long day facultative	No	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
68		LYSIMACHIA <i>Lysimachia alfredii</i>	Night Light	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Day length neutral	No	1,500 to 2,500	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
68		LYSIMACHIA <i>Lysimachia congestiflora</i>	Firefly	5.8-6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)	Day length neutral	No	1,500 to 2,500	Low to moderate	Use a balanced fertilizer at a rate of 125 to 150 ppm N. Sensitive to high EC levels early in production.

	PINCHING AFTER TRANSPLANT	PLANT GROWTH REGULATORS	PESTS AND FUNGAL DISEASES	CROP SCHEDULE & USES					
				1-QT (10-CM) POT, 1 PLANT PER POT	1-GAL. (15-CM) POT, 1 PLANT PER POT	2 TO 3-GAL. (25 TO 30-CM) POT, 3 PLANTS PER POT	HEIGHT	USDA HARDINESS ZONES	BLOOM MONTHS
	None	PGRs generally not needed	Pythium and rhizoctonia can result from overwatering.	6-8 wks	10-12 wks	12-14 wks	10-12 in. (25-30 cm)	4-9	April to May
	None	PGRs generally not needed	Watch for crown rot if overwatered.	Not recommended	Rooted: 6-8 wks	10-12 wks	16-18 in. (41-46 cm)	4-9	April to May
	Recommended	PGRs generally not needed	May experience root rot diseases under poor growing conditions. Aphids.	Unrooted: 10-14 wks Rooted: 8-10 wks	Unrooted: 16-18 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	10-12 in. (25-30 cm)	6-9	May to October
	Only if pinching not done in the liner stage.	PGRs generally not needed	Not particularly sensitive.	24 wks; requires vernalization	24 wks; requires vernalization	Not recommended	6-8 in. (15-20 cm)	4-9	February to April
	Once for smaller pot sizes, twice for larger containers.	PGRs generally not needed	Thielaviopsis, pythium and rhizoctonia can result from overwatering. Thrips, white fly, aphids, fungus gnats.	Unrooted: 14-16 wks Rooted: 7-8 wks	Unrooted: 16-19 wks Rooted: 9-11 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	16-18 in. (41-46 cm)	5-9	April to September
	Once for smaller pot sizes, twice for larger containers.	PGRs generally not needed	Thielaviopsis, pythium and rhizoctonia can result from overwatering. Thrips, white fly, aphids, fungus gnats.	Unrooted: 14-16 wks Rooted: 7-8 wks	Unrooted: 16-19 wks Rooted: 9-11 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	10-12 in. (25-30 cm)	5-8	April to September
	Recommended	PGRs generally not needed	Thielaviopsis, pythium and rhizoctonia can result from overwatering. Thrips, white fly, aphids, fungus gnats.	7-10 wks	9-11 wks, 1-3 ppp	10-12 wks, 3-5 ppp	14-18 in. (36-46 cm)	6-9	March to July
	A final pinching 8 to 10 weeks before flowering will help to increase flower count.	PGRs generally not needed	Thielaviopsis, pythium and rhizoctonia can result from overwatering. Thrips, white fly, aphids, fungus gnats.	7-10 wks	9-11 wks	10-12 wks	16-18 in. (41-46 cm)	7-9	Year round depending on location
	Recommended	PGRs generally not needed	Watch for leaf spots when growing in wet conditions.	Not recommended	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	22-26 in. (56-66 cm)	4-9	June to August
	Typically not required	B-Nine/Cycocel at 1800/800 ppm will reduce plant height	Watch for aphids when in bud.	Not recommended	Rooted: 8-10 wks	Rooted: 10-12 wks	20-24 in. (51-61 cm)	5-9	May to August
	Typically not required	PGRs generally not needed	Watch for crown rot if overwatered.	7-10 wks	9-11 wks	Not recommended	14-16 in. (36-41 cm)	5-9	March to October
	Typically not required	PGRs generally not needed	Not particularly sensitive. Use well-drained media.	6-8 wks	9-11 wks	10-12 wks	10-12 in. (25-30 cm)	5-9	Year round depending on location
	Typically not required	PGRs generally not needed	Watch for crown rot if overwatered.	6-8 wks	9-11 wks	Not recommended	6-8 in. (15-20 cm)	5-9	Year round depending on location

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PAGE		CROP	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT CANDLES	WATERING	FERTILIZATION
17		MISCANTHUS <i>Miscanthus sinensis</i>	Bandwidth	5.8-6.5	65 to 75°F (18 to 24°C)	Long day facultative	No	5,000 to 8,000	Low to moderate	Low
17		MISCANTHUS <i>Miscanthus sinensis</i>	My Fair Maiden	5.8-6.5	65 to 75°F (18 to 24°C)	Short day obligate	No	5,000 to 8,000	Low to moderate	Low
72		MONARDA <i>Monarda didyma</i>	Balmy™ Series	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	Long day obligate	Beneficial for bulking and earlier flowering.	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
71		MONARDA <i>Monarda didyma</i>	Bee-Mine™ Series	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Long day obligate	Beneficial for bulking and earlier flowering. Not required for flowering.	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm N.
78		NEPETA <i>Nepeta subsessilis</i>	Prelude™ Series	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
77		NEPETA <i>Nepeta x faassenii</i>	Junior Walker™	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
75		NEPETA <i>Nepeta x faassenii</i>	Whispurr™ Series	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Long day facultative	No	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
80		PENSTEMON <i>Penstemon barbatus</i>	Rock Candy® Series	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Long day facultative	No	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
82		PENSTEMON <i>Penstemon hybrida</i>	Cherry Sparks	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Long day facultative	No	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
81		PENSTEMON <i>Penstemon hybrida</i>	Mini-Bells™ Series	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Long day obligate	No	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
83		PENSTEMON <i>Penstemon hybrida</i>	MissionBells™ Deep Rose	5.8-6.2	Nights: 45 to 70°F (7 to 21°C) Days: 55 to 80°F (13 to 27°C)	Long day obligate	No	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
83		PENSTEMON <i>Penstemon hybrida</i>	Quartz® Series	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Long day obligate	No	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
85, 84		PEROVSKIA <i>Perovskia atriplicifolia</i>	CrazyBlue, Little Lace	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
90, 87		PHLOX <i>Phlox paniculata</i>	Cherry Cream, Ka-Pow® Series	5.8-6.2	60 to 75°F (16 to 24°C)	Long day obligate	No	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 200 ppm N.
88		PHLOX <i>Phlox paniculata</i>	Super Ka-Pow™ Series	5.8-6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)	Long day obligate	No	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.

	PINCHING AFTER TRANSPLANT	PLANT GROWTH REGULATORS	PESTS AND FUNGAL DISEASES	CROP SCHEDULE & USES					
				1-QT.(10-CM) POT, 1 PLANT PER POT	1-GAL.(15-CM) POT, 1 PLANT PER POT	2 TO 3-GAL. (25 TO 30-CM) POT, 3 PLANTS PER POT	HEIGHT	USDA HARDINESS ZONES	BLOOM MONTHS
	No	None	Rust resistant	8-10 wks	14-16 wks	20-24 wks, 1 ppp	30-36 in. (76-91 cm)	5-9	October to November
	No	None	Rust resistant	Not recommended	16-18 wks	24-26 wks, 1 ppp	72-102 in. (183-259 cm)	5-9	October to November
	Recommended	PGRs generally not needed	Powdery mildew may be present if grown under poor air circulation and high humidity. White fly, spider mites.	Unrooted: 12-14 wks Rooted: 8-10 wks	Unrooted: 14-16 wks Rooted: 10-12 wks	Unrooted: 14-16 wks Rooted: 12-14 wks	10-12 in. (25-30 cm)	4-9	June to July
	Typically not required	PGRs generally not needed	Powdery mildew when pressure is high.	Not recommended	9-11 wks	10-12 wks	15-18 in. (38-46 cm)	4-9	June to July
	Not necessary when pinched in liner.	Use B-Nine/Cycocel 2,500/800 ppm to control height	Aphids, white fly, spider mites	Not recommended	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	28-36 in. (71-91 cm)	5-9	March to September
	Recommended	PGRs generally not needed	White fly	Unrooted: 10-14 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	18 in. (46 cm)	5-8	May to September
	Typically not required	B-Nine/Cycocel sprays 2,500/1,000 ppm	Spider mites, thrips	Not recommended	9-11 wks	10-12 wks	24-28 in. (61-71 cm)	4-9	April to September
	Yes	PGRs generally not needed	Spider mites, thrips. Watch for INSV/TSWV.	Unrooted: 10-14 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	12 in. (30 cm)	5-8	April to September
	Yes	PGRs generally not needed	White fly, spider mites	Not recommended	Rooted: 10-12 wks	Rooted: 12-14 wks	18-20 in. (46-51 cm)	5-9	May to August
	Yes	PGRs generally not needed	Aphids, spider mites	Unrooted: 10-14 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	16-18 in. (41-46 cm)	7-9	June to August
	Yes	PGRs generally not needed	White fly, spider mites	Not recommended	Rooted: 10-12 wks	Rooted: 12-14 wks	20-24 in. (51-61 cm)	5-9	June to August
	Yes	PGRs generally not needed	Spider mites	Not recommended	Unrooted: 19-22 wks Rooted: 12-14 wks	Unrooted: 21-23 wks Rooted: 14-16 wks	20-24 in. (51-61 cm)	6-9	July to August
	Recommended	PGRs generally not needed	Pythium can be a problem if overwatered. White fly, spider mites.	Not recommended	Unrooted: 14-16 wks Rooted: 10-12 wks	Unrooted: 14-16 wks Rooted: 10-12 wks	CrazyBlue: 16-18 in. (41-46 cm) Little Lace: 18-24 in. (46-61 cm)	4-9	July to September
	Yes, in cases where there are two or less shoots.	Configure at 600 ppm to increase branching	Powdery mildew when pressure is high.	Not recommended	Rooted: 10-12 wks	Rooted: 12-14 wks, 3 ppp	Cherry Cream: 22-26 in. (56-66 cm) Ka-Pow: 16-18 in. (41-46 cm)	4-9	June to August
	Yes, in cases where there are two or less shoots.	Configure at 600 ppm to increase branching	Powdery mildew when pressure is high.	Not recommended	Rooted: 10-12 wks	Rooted: 12-14 wks	18-20 in. (46-51 cm)	4-9	June to August

DARWIN PERENNIALS FINISHING GUIDE

PAGE		CROP	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT CANDLES	WATERING	FERTILIZATION
104		SALVIA <i>Salvia greggii</i>	Mirage™ Series	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Day length neutral	No	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
103		SALVIA <i>Salvia greggii</i>	Radio Red	5.8-6.2	Nights: 45 to 70°F (7 to 21°C) Days: 55 to 80°F (13 to 27°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
106		SALVIA <i>Salvia hybrida</i>	Arctic Blaze® Series	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm.
103		SALVIA <i>Salvia hybrida</i>	Blue by You	5.8-6.2	Nights: 45 to 55°F (7 to 13°C) Days: 55 to 65°F (13 to 18°C)	Day length neutral	Beneficial; aids in bulking. Not required for flowering.	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 150 to 200 ppm.
99		SALVIA <i>Salvia nemorosa</i>	Lyrical™ Series	5.8-6.2	Nights: 45 to 55°F (7 to 13°C) Days: 55 to 65°F (13 to 18°C)	Day length neutral	Beneficial; aids in bulking. Not required for flowering.	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 150 to 200 ppm.
98, 97		SALVIA <i>Salvia nemorosa</i>	Blue Marvel, Rose Marvel, Sky Blue Marvel	5.8-6.2	55 to 65°F (13 to 18°C)	Day length neutral	Beneficial; aids in bulking. Not required for flowering.	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 175 to 200 ppm N.
108		SCABIOSA <i>Scabiosa columbaria</i>	Flutter™ Series	5.5-6.2	55 to 65°F (13 to 18°C)	Day length neutral	No	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
110		SEDUM <i>Sedum rupestre</i>	Prima Angelina	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
115		VERBENA <i>Verbena canadensis</i>	Homestead Hot Pink	5.8-6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)	Long day facultative	No	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
116		VERONICA <i>Veronica austriaca</i>	Venice Blue	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	Day length neutral	Yes	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
117		VERONICA <i>Veronica hybrida</i>	Moody Blues® Series	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 70°F (16 to 20°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
116		VERONICA <i>Veronica longifolia</i>	Forever Blue	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 70°F (16 to 20°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
118		VERONICA <i>Veronica x hybrida</i>	Purpleicious	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	Long day obligate	Beneficial for bulking and earlier flowering.	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
119		VIOLA <i>Viola cornuta</i>	Halo Series	5.5-5.8	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced Pansy/Viola fertilizer at a rate of 125 to 150 ppm.

	PINCHING AFTER TRANSPLANT	PLANT GROWTH REGULATORS	PESTS AND FUNGAL DISEASES	CROP SCHEDULE & USES					
				1-QT.(10-CM) POT, 1 PLANT PER POT	1-GAL.(15-CM) POT, 1 PLANT PER POT	2 TO 3-GAL. (25 TO 30-CM) POT, 3 PLANTS PER POT	HEIGHT	USDA HARDINESS ZONES	BLOOM MONTHS
	Yes	PGRs generally not needed	White fly, thrips	Routed: 6-8 wks	Routed: 8-10 wks	Routed: 12-14 wks	12-14 in. (30-36 cm)	7-9	March to September
	Once for smaller pot sizes, twice for larger containers.	PGRs generally not needed	White fly, spider mites	Unrooted: 12-14 wks Routed: 8-10 wks	Unrooted: 14-16 wks Routed: 10-12 wks	Unrooted: 16-18 wks Routed: 12-14 wks	16-18 in. (41-46 cm)	7-10	March to September
	Yes	PGRs generally not needed	Thrips	Not recommended	Unrooted: 14-16 wks Routed: 10-12 wks	Unrooted: 16-18 wks Routed: 12-14 wks	24 in. (61 cm)	6-11	March to September
	Yes	PGRs generally not needed	White fly, spider mites, botrytis	Unrooted: 13-15 wks Routed: 8-10 wks	Unrooted: 15-17 wks Routed: 10-12 wks	Unrooted: 17-19 wks Routed: 12-14 wks	20-22 in. (51-56 cm)	4-9	March to September
	Yes	PGRs generally not needed	White fly, spider mites, botrytis	Unrooted: 13-15 wks Routed: 8-10 wks	Unrooted: 15-17 wks Routed: 10-12 wks	Unrooted: 17-19 wks Routed: 12-14 wks	22-24 in. (56-61 cm)	4-9	March to September
	Typically not required	Will respond to 300 ppm Configure spray at young plant level	Spider mites	Not recommended	10-12 wks	12-14 wks	10-16 in. (25-41 cm)	4-9	March to September
	Typically not required	PGRs generally not needed	Very disease resistant. Watch for root and crown rot under poor growing conditions.	Not recommended	Routed: 10-12 wks	Routed: 10-12 wks	12-14 in. (30-36 cm)	5-9	March to September
	One pinch, two to three weeks after transplant.	PGRs generally not needed	Generally pest and disease free.	Unrooted: 10-12 wks Routed: 6 wks	Unrooted: 12-14 wks Routed: 8-10 wks	Unrooted: 15-17 wks Routed: 10-12 wks	3-6 in. (8-15 cm)	4-9	Non-flowering
	Typically not required	B-Nine/ Cycocel sprays 2,500/1,000 ppm	Not particularly sensitive. Use well-drained media.	4-6 wks	6-8 wks	Not recommended	4-6 in. (10-15 cm)	6-9	March to October
	Yes	PGRs generally not needed	Aphids	Unrooted: Plant by Week 40 (North), Week 45 (South) Routed: Stick by Week 35 (North), Week 40 (South)	Unrooted: Plant by Week 35 (North), Week 40 (South) Routed: Stick by Week 30 (North), Week 35 (South)	Unrooted: Plant by Week 32 (North), Week 37 (South) Routed: Stick by Week 28 (North), Week 32 (South)	10-12 in. (25-30 cm)	4-9	March to April
	Yes	PGRs generally not needed	Aphids, white fly	Unrooted: 10-14 wks Routed: 8-10 wks	Unrooted: 14-16 wks Routed: 10-12 wks	Unrooted: 16-18 wks Routed: 12-14 wks	12-14 in. (30-36 cm)	4-9	May to October
	Yes	PGRs generally not needed	Aphids, white fly	Not recommended	Unrooted: 14-16 wks Routed: 10-12 wks	Unrooted: 16-18 wks Routed: 12-14 wks	16-18 in. (41-46 cm)	4-9	June to October
	Yes	PGRs generally not needed	Aphids, white fly	Not recommended	Unrooted: Plant by Week 35 (North), Week 40 (South) Routed: Stick by Week 30 (North), Week 35 (South)	Unrooted: Plant by Week 32 (North), Week 37 (South) Routed: Stick by Week 28 (North), Week 32 (South)	16-20 in. (41-51 cm)	5-8	June to August
	Recommended	PGRs generally not needed	Watch for thielaviopsis, pythium, white fly, spider mites.	Unrooted: 11-13 wks Routed: 6-8 wks	Unrooted: 13-15 wks Routed: 8-10 wks	Unrooted: 13-15 wks Routed: 8-10 wks	8-10 in. (20-25 cm)	4-9	February to October

POWERHOUSE LANDSCAPE PERFORMERS

Darwin Perennials offers the most robust, hardy varieties on the market. From bold, enduring colors to their durable outdoor performances, these long-lasting plants are bred, trialed and selected for impressive success in the landscape.

Here are some of our superior landscape varieties:



Phlox Ka-Pow® Series, page 87

Powdery mildew resistant, low maintenance and uniform for healthier-looking plants and exciting Spring and Summer displays.



Salvia 'Blue by You', page 103

This season extender can produce up to five repeat blooming cycles throughout Spring and Summer! Winter hardy and heat tolerant, too.



Lavandula 'SuperBlue', page 57

Large, showy flowers bloom from April to September and are Winter hardy for outstanding landscape longevity.



Leucanthemum 'Whitecap', page 63

Early, long-lasting blooms from March to October. Compact plants hold together nicely, creating a beautiful presentation.



Nepeta Whispurr™ Series, page 75

Extra-large flower plumes and a long blooming season for more color and show in the landscape. Fragrant and pollinator friendly, too!

Other landscape showstoppers include:

Caryopteris 'Gold Crest', page 38

Dianthus Mountain Frost™ Collection, page 18

Echinacea Sombrero® Series, page 10

Heuchera Carnival Series, page 14

Miscanthus Bandwidth, page 17

Perovskia 'CrazyBlue', page 85

Salvia 'Rose Marvel', page 97

Sedum Prima Angelina, page 110

Veronica Moody Blues® Series, page 117

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Payment is due in invoiced currency and in accordance with the terms specified on invoice. In the event of default in the payment of any amount when due, and in addition to all other rights and remedies available to Seller, SELLER SHALL BE ENTITLED TO COLLECT A LATE CHARGE OF 2% PER MONTH (24% PER YEAR) OR THE MAXIMUM RATE ALLOWED BY LAW, WHICHEVER IS LESS, ON ALL AMOUNTS PAST DUE FROM THE DATE DUE UNTIL THE DATE PAID. A FEE OF \$25.00 WILL BE CHARGED FOR ANY RETURNED CHECK, DECLINED EFT TRANSACTION OR DECLINED BANKCARD TRANSACTION.

If paying by Pre-Authorized Debit (PAD), or EFT, please note you have waived your right to receive pre-notification of the amount of the PAD and agreed that you do not require advance notice of the amount of PADs before the debit is processed. You have certain recourse rights if any debit does not comply with these terms. For example, you have the right to receive a reimbursement for any PAD that is not authorized or is not consistent with this PAD agreement. To obtain more information on your recourse rights, contact your financial institution.

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The freight and handling charge on Purchaser's invoice covers shipment of the merchandise to Purchaser's destination, and replacement or credit for damaged merchandise if the steps listed here are followed. PURCHASER WILL NOT REFUSE OR RETURN GOODS, OR THE RIGHT TO FILE A CLAIM IS LOST AND PURCHASER WILL STILL BE LIABLE FOR THE MATERIAL AND THE FREIGHT. When Purchaser receives shipment: 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. 5) Open all boxes immediately and inspect for damage such as scorched, frozen or broken plants; material shortages; etc. NOTIFY SELLER IMMEDIATELY IF A SHIPMENT IS DAMAGED. Call your sales representative to report the damage and receive details on what is needed to file a claim.

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Cancellations for unrooted cuttings must be received at least thirty (30) days prior to scheduled ship date. Cancellations for liners must be received prior to stick or sow date.

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DARWIN PERENNIALS TRIAL & AWARD WINNERS

Congratulations to these top-performing varieties from Darwin Perennials. These awards are based on the results of extensive trials and competitions held throughout various regions.

Caryopteris 'Gold Crest', page 38

University of Georgia 2019 "Best of the Best"

Dianthus Mountain Frost™ Pink Twinkle, page 18

Metrolina Trials 2019 "Best Performing Plant Varieties"

Echinacea Sombrero® Baja Burgundy, page 10

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Echinacea Sombrero® Tres Amigos, page 11

Colorado State University Flower Trial 2020 "Top Performer"

Echinacea Sombrero Poco™ Yellow, page 11

University of Georgia 2020 "Plants of Distinction"

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University of Georgia 2019 "Best of the Best"

Lavandula 'Annet', page 57

University of Georgia 2019 "Best Drought Tolerant Perennial"

Lavandula Primavera, page 59

Smith Gardens Trials 2020 "Best Heat Tolerant Perennial"

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Colorado State University Flower Trial 2019 "Top Performer"

Nepeta Whispurr™ Blue, page 75

Raker-Roberta's Trials 2020 "Best Pollinator Friendly Perennial" & "Top Performer"

Phlox Ka-Pow® Series, page 87

Colorado State University Flower Trial 2020 "Top Performer"

Salvia 'Blue by You', page 103

Colorado State University Flower Trial 2020 "Top Performer"

Salvia Mirage™ Rose Bicolor, page 105

Welby Trial Gardens 2020 "Trial Standout"

Salvia 'Rose Marvel', page 97

Welby Trial Gardens 2020 "Trial Standout"

TRIAL LOCATIONS

We trial each of our new varieties for 3 to 7 years before bringing them to market – ensuring only the best products for your success.

Botanic Gardens of the Ozarks, Fayetteville, AR

Colorado State University, Fort Collins, CO

Florida Flower Trials, Orlando, FL

University of Georgia, Athens, GA

The Gardens at Ball, West Chicago, IL

Louisiana State University, Shreveport, LA

Raker Trial Gardens, Litchfield, MI

University of Minnesota, Morris, MN

Mississippi State University, Mississippi State, MS

Metrolina Trial Garden, Huntersville, NC

North Carolina State University, Raleigh, NC

North Dakota State University, Fargo, ND

Cincinnati Zoo, Cincinnati, OH

The Ohio State University, Columbus, OH

Green Leaf Plants, Smoketown, PA

Longwood Gardens, Kennett Square, PA

Penn State University, University Park, PA

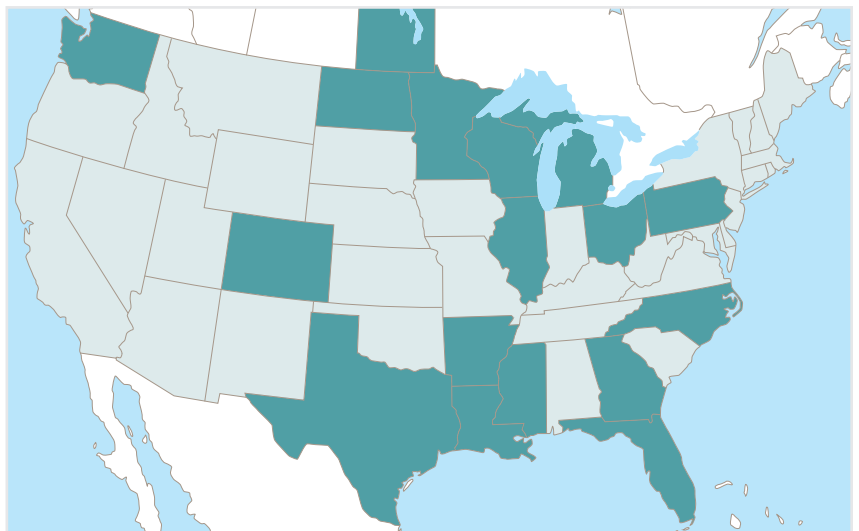
Star® Roses and Plants Trials, West Grove, PA

Texas A&M University, Overton, TX

Smith Gardens, Marysville, WA

University of Wisconsin, Madison, WI

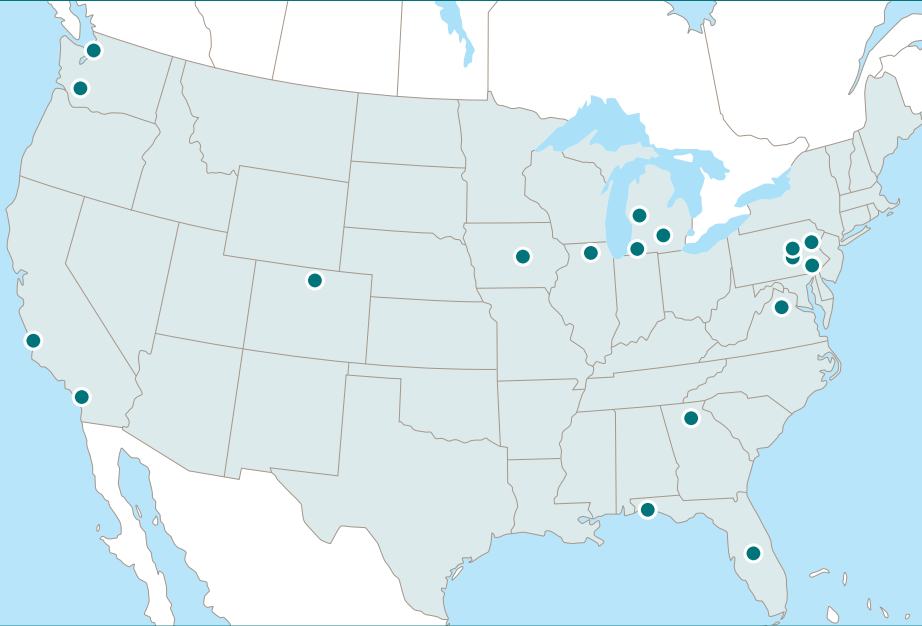
Vanstone Nurseries, Portage la Prairie, MB, Canada



YOUR LINER SOURCES

Order Darwin Perennials liners through your trusted supplier

Easily source your perennial needs from these reliable North American suppliers licensed to carry Darwin Perennials varieties.



Battlefield Farms, Inc.
Rapidan, VA

Creek Hill Nursery
Leola, PA

DeGoede Bulb Farm & Gardens
Mossyrock, WA

Emerald Coast Growers
Pensacola, FL

GET Group, Inc.
Woodstock, IL

Green Leaf Plants
(Aris Horticulture)
Smoketown, PA

Gro 'n Sell, Inc.
Chalfont, PA

Gulley Greenhouse, Inc.
Fort Collins, CO

James Greenhouses
Colbert, GA

Knox Nursery, Inc.
Winter Garden, FL

North Creek Nurseries, Inc.
Landenberg, PA

Pacific Plug & Liner
Watsonville, CA

Plug Connection
Vista, CA

Raker-Roberta's Young Plants
Litchfield, MI

Skagit Horticulture, LLC
Mount Vernon, WA

Stonehouse Nursery, LLC
Berrien Springs, MI

Swift Greenhouses, Inc.
Gilman, IA

Walters Gardens
Zeeland, MI

For more information on where to find Darwin Perennials, visit darwinperennials.com/WhereToBuy

DarwinPerennials.

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Fax: 630 562-7880
info@darwinperennials.com

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