



DarwinPerennials_®



























2025 NEW VARIETIES

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1.	Coreopsis UpTick™ Gold37
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Everyone at Darwin Perennials gets up each day to *Color the World* with perennials.

Our *production team* is intense about executing all the details to provide consistent and reliable supply.

Our *marketing team* gets crazy-excited about finding the best ways to share stories about our plants.

Our *technical team* listens to your challenges and aspirations and brings that back to the development team.

The *development team* works hard to make sure the products we bring forward are solution oriented.

During our trialing, we collect as much information as possible to share with you the culture you need to grow the best plants possible.

Beyond bringing exceptional products to market, our entire team is passionate about helping you, our customers, grow great plants. That's why we put so much emphasis on providing education and easy-to-use production resources.

For example, our YouTube channel is the go-to place for production education and getting a look at new varieties.

Our Facebook videos are all about giving you a view of our in-person events, even if you can't attend.

And finally, our www.firstyearfloweringtool.com is a one-of-a-kind collaboration with Kieft Seed to bring the most comprehensive scheduling to a digital interface that is easy to use and fully accessible.

We can introduce great new perennials but – at the end of the day – it's really you, our customer, who has the opportunity to Color the World with perennials. We hope this catalog provides inspiration to build your ideas and ignite your passion for this coming year.



Sincerely,

Seth R. ReedSales & Marketing Manager

630 588-3473 SReed@darwinperennials.com

DARWIN PERENNIALS

VARIETIES

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ICONS



Attracts Hummingbirds



Deer Resistant



Cut Flower



Award Winner



FirstYearFloweringTool.com



WALTERS GARDENS

Always Expanding on the Finest Genetics

Walters Gardens, Inc. has built their reputation on an extensive new plant development and hybridizing program to deliver the highest-quality perennial plant genetics in the market.

We are excited to continue this partnership by offering their genetics from Darwin Colombia.

The selection includes several new varieties, such as:

NEW Agastache 'Pinky Pie'	3
NEW Buddleia Monarch® Cherry Royale	2
NEW Phlox Garden Girls™ 'Dream Girl' (part of the <i>Dream Girl</i> series)10-	4
NEW Veronica 'Da Vinci Delight'	8

Turn the pages to see 90+ more varieties waiting for you!



TRUSTED BREEDER PARTNER







Top Performers from

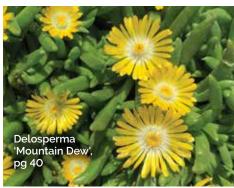
MUST HAVE PERENNIALS®

Tried & Trusted™

Thanks to years of meticulous trialing and testing behind every plant, you can rely on Must Have Perennials to provide only the very best genetics.

Look for these Must Have top performers available exclusively as unrooted cuttings through Darwin Colombia:

Achillea Tutti Frutti 'Pomegranate'	17
Buddleia Butterfly Gold	32
Campanula Blue Waterfall	33
Centaurea 'Amethyst in Snow'	36
Delosperma 'Mountain Dew'	40
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FLORENSIS

Global Partners

Florensis – our partner breeder and young plant producer in The Netherlands – has been providing professional growers with excellent plant propagation materials and solutions since 1941.

With decades of experience in the perennials marketplace, our long-standing partnership with Florensis allows us to broaden our network and offer the most exciting, innovative varieties on the market.

Introducing **NEW** Saxifraga Marto

Each amazing variety:

- · Features a long bloom window.
- · Produces masses of flowers from March to June.
- Endures a higher cold tolerance for more forgiveness in early frosts.

The gorgeous colors of **NEW Saxifraga Marto** – Hot Rose, Red, Red Picotee and Rose – can be found on page 123.

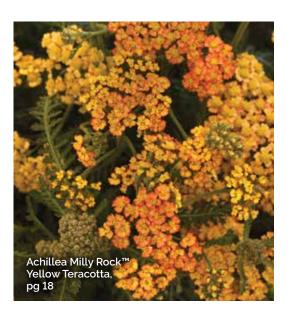
We are pleased to also offer these top-quality Florensis varieties from Darwin Colombia:

Achillea Milly Rock™ series, featuring Red, Rose Yellow	
and Yellow Teracotta	18
Gaura Gaudi™ series, featuring Pink and Red	52
Salvia Sensation® Compact series, featuring	
Bright Rose, Deep Blue and Sky Blue	116
Salvia Sensation® Medium Deep Rose	116

TRUSTED BREEDER PARTNER







We are here to help you grow better plants.

Just ask our experts!



66 I love helping with propagation techniques. My 30 years in production have helped bring firsthand experience to customers.

Christopher FifoProducts Representative Cfifo@darwinperennials.com



I have worked in many facets of the perennials industry. I enjoy helping growers build better programs and can provide helpful production tips.

Darren BarshawProducts Representative Dbarshaw@darwinperennials.com



Looking for help after business hours? Check out our YouTube channel youtube.com/@darwinperennials.

Which one would you ship?

When blooms can make or break a crop, you can't afford to guess about timing.





Don't guess. Visit **FirstYearFloweringTool.com**





Better Blooming. Better Performance. Better Availability.

After being trialed and evaluated for landscape performance across North America – and up to five years of market sales – we are pleased to present our top three Better Versions!







Lavender 'SuperBlue'

is better than Lavender 'Hidcote' because of bigger blooms and a better habit in the landscape.

pg 71

Nepeta Junior Walker™

is better than Nepeta 'Walker's Low' because of earlier blooming in the landscape and a better habit that won't lodge open.

pg 91

Salvia 'Blue by You'

is better than Salvia May Night because of earlier blooming, better habit and more reflushes throughout the season.

pg 117









Attracting hummingbirds is every gardener's dream come true!

Easily create a hummingbird-focused retail display by including these varieties:

Agastache	21-24
Buddleia	31-33
Gaura	52-54
Heuchera	64-65
Monarda	83-86
Nepeta	87-92
Penstemon	94-97
Phlox	100-109
Salvia	112-122



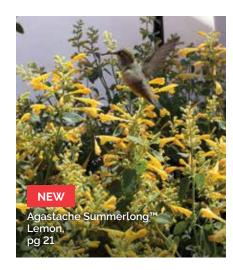


To find hummingbird attractors throughout the catalog, look for this icon!











The Journey of a cutting starts here...

Darwin Colombia

Delivering to you *in full*. Delivering to you *on time*. Delivering to you with *high quality*.





Take a virtual tour of Darwin Colombia and see how we deliver to you *in full and on time*.



Genesis™ Callused Cuttings

Mean More Success

The benefits of Genesis callused cuttings include:

- Two weeks less in propagation.
- More uniform rooting.
- Less shrink.

Reduced Crop Time and Decreased Loss

Darwin Colombia has spent the last few years developing a proprietary process to bring Genesis callused cuttings to the market. We have extensively trialed this program with growers in North America and the results speak for themselves.



Callused Cuttings at 2 weeks

Unrooted Cuttings at 2 weeks

Available as Genesis **Callused Cuttings**

Armeria.....27 Artemisia......28-29 Buddleia.....31-33 Euphorbia.....52 Herb-Rosemary.....61 Iberis66-68 Lavandula...... 70-76 Perovskia98-99 Salvia.....11<u>2-122</u> Veronica.....136-140 Viola141-142

Check our website, darwinperennials.com, for the most current list.



2025 DARWIN PERENNIALS TEAM



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Alyssum Golden Spring, pg 26

Kniphofia Glowstick pg 69







TEAM FAVORITES

"One of my all-time favorite Darwin Perennials varieties is Alyssum Golden Spring. There really is nothing like it in the market! Its bright golden-yellow flowers and tough silver-green foliage bring a welcome splash of sunny color to Spring gardens when it's needed the most."

Karl Batschke

"Knifphofia Glowstick is my favorite because it has a really long bloom time from midsummer until frost. When it's not blooming, it has an attractive, fine, grass-like foliage. It is unique because it is available as an unrooted cutting. It is such a super-cool plant!"

Seth Reed

"Prelude™ Blue is a newer-to-the-market species of Nepeta with bigger leaves and flowers that add a dramatic look to the landscape. Lovely blueish-purple flowers appear in dense clusters from Spring into Summer and draw in a range of pollinators."

Sarah Greenwood

"My favorite Darwin Perennial is Veronica Skyward™, especially the beautiful **NEW Lilac.** Skyward is an outstanding improvement upon the medium-sized Veronica that's on the market. Skyward has a higher flower count, tougher mildew resistance and a stronger, upright habit that stands up to garden center traffic without breaking open."

Christopher Fifo

"I love all our new Double Scoop™ Deluxe varieties, with Watermelon being the standout for me. The color, the flowers and the flower types are so amazing, they almost look fake! Every plant is uniform, with exceptional branching. The self-cleaning flowers last quite a long time, which means an extended shelf life. They're so easy to produce!"

Darren Barshaw



Bouquets for Days

Take advantage of the cut flower garden trend by adding these top-performing perennials to your program:

Achillea	16-20
Delphinium	
Digitalis	44
Echinacea	45-49
Lavandula	70-76
Leucanthemum	77-80
Monarda	83-86
Perovskia	98-99
Phlox	100-109
Salvia	112-122
Veronica	135-140

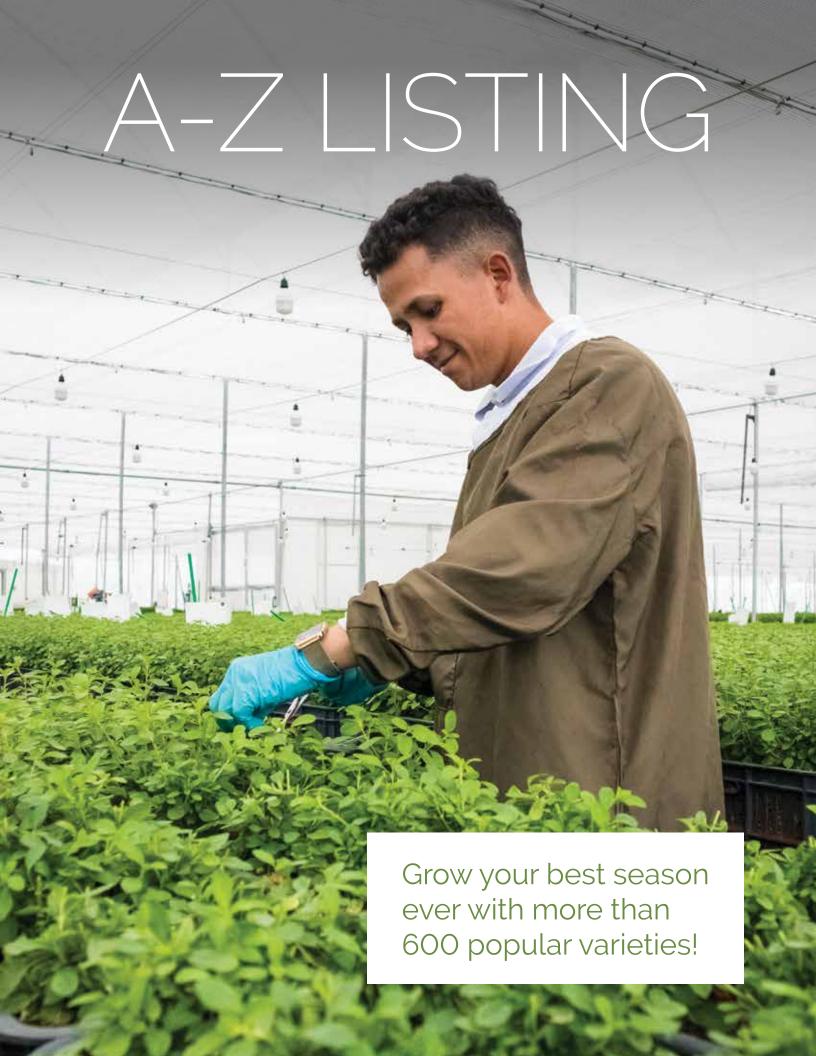












ACHILLEA 🜕 (YARROW) Achillea millefolium

DARWIN PERENNIALS

NEW VINTAGE™ SERIES





FirstYearFloweringTool.com for easy scheduling

Height: 26 to 28 in. (66 to 71 cm) **Bloom Months:** April to September USDA Hardiness Zones: 4a to 9b

- · Bold colors mature to attractive shades instead of fading to brown, like other varieties.
- · Great for late-Spring, 2.5-qt. and 1-gal. programs.

Red 'Balvinred' PP25,618 Rose 'Balvinrose' PP25,712

NEW Terracotta Masses of bold, terracotta-orange flowers on lacy foliage age to a complementary champagne-yellow color. Blooms attract pollinators. 'Balvinterra'

TOP SELLER Violet

'Balvinolet' PP25,750

🍸 White

'Balvinwite' PP25,711

Tidy plant habit with no gap between foliage and flowers - outstanding in landscape.















Achillea 'Saucy Seduction'



Achillea 'Strawberry Seduction'



Achillea 'Sunny Seduction'



Achillea Tutti Frutti 'Apricot Delight'



Achillea Tutti Frutti 'Pink Grapefruit'



MOONSHINE



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.

MUST HAVE PERENNIALS MUST HAVE



SEDUCTION SERIES



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 PP20,782

Strawberry PP18,401 **Sunny** PP20,808

MUST HAVE PERENNIALS MUST HAVE



TUTTI FRUTTI SERIES



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



Achillea Tutti Frutti 'Pomegranate'

ACHILLEA 🜕 (YARROW)

Achillea millefolium FLORENSIS, B.V.

Florensis

MILLY ROCK™ SERIES





FirstYearFloweringTool.com for easy scheduling

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

TOP SELLER Rose

'FLORACHRO1' PP31,620

Yellow (pictured right) 'FLORACHYEO' PP33,259

Yellow Terracotta

'FLORACHYE2' PP35,113

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

Compact plant looks great in containers.







Yellow Terracotta





Achillea 'Sassy Summer Lemon'



Achillea 'Sassy Summer Sangria'



Achillea 'Sassy Summer Sunset'



Achillea 'Sassy Summer Taffy'

ACHILLEA (YARROW) Achillea

'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.

WALTERS GARDENS

SASSY SUMMER SERIES



WaltersGardens

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.

Lemon Bright sunny yellow flowers. PP31,693 Sangria PP31,355 Sunset PP31,412 Taffy PP31,755



Achillea Moon Dust

ACHILLEA 🜕 (YARROW)

Achillea hybrida

DARWIN PERENNIALS

MOON DUST



FirstYearFloweringTool.com for easy scheduling

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 🜕 (YARROW)

Achillea ptarmica







Height: 18 to 24 in. (46 to 61 cm) **Bloom Months:** July to October USDA Hardiness Zones: 3a to 8b PP31,756

Low, mounding habit with singular, white flower clusters.

ACHILLEA 🜕 (YARROW)

Achillea x lewisii

'KING EDWARD'



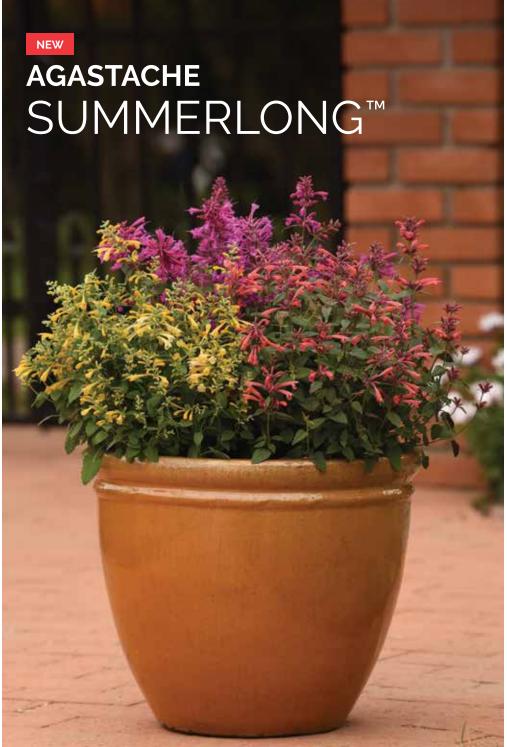
Pale primrose-yellow flowers over woolly foliage.



Achillea 'Peter Cottontail'



Achillea 'King Edward'



AGASTACHE 🜕 (MEXICAN GIANT HYSSOP)

Agastache mexicana

DARWIN PERENNIALS **NEW FOR 2025**

SUMMERLONG™ **SERIES**





FirstYearFloweringTool.com for easy scheduling

Height: 16 to 22 in. (23 to 30 cm) Bloom Months: April to September USDA Hardiness Zones: 7a to 10b

- · Earlier to bloom and longer lasting in full bloom for an extended sales window and better garden performance.
- · Easy to use in mixed deco pots for higher sales value.

Coral Features delightful salmon-pink flowers. 'Balsumlora' PPAF

Lemon Shines with yellow flowers. 'Balsumlem' PPAF

Lilac Features pink-lilac flowers.

Magenta Boasts purple-pink flowers. 'Balsumlmag' **Peach** Sparkles with peach-colored flowers.

'Balsumleac' PPAF

Ideal for pollinator and Fall programs.







Magenta



Peach

Coral, Lemon and Lilac

AGASTACHE 🔵 (ANISE HYSSOP, **HUMMINGBIRD MINT)**

Agastache rugosa

DARWIN PERENNIALS

'LITTLE ADDER'





FirstYearFloweringTool.com for easy scheduling

Height: 15 to 18 in. (38 to 46 cm) **Bloom Months:** April to September USDA Hardiness Zones: 5a to 9b PP26,514

- \cdot 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.

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





Agastache 'Pinky Pie'



Agastache 'Guava Lava'



Agastache 'Peachie Keen'



Agastache 'Rosie Posie'

AGASTACHE 🜕 (ANISE HYSSOP, **HUMMINGBIRD MINT)**

WALTERS GARDENS **NEW FOR 2025**



'PINKY PIE'

Height: 18 to 20 in. (46 to 51 cm) USDA Hardiness Zones: 5a to 9b

Compact, globe-shaped plants display long-lasting flowers. Displays a perfect habit for the front of borders.

AGASTACHE 🥛 (ANISE HYSSOP, HUMMINGBIRD MINT) Agastache

WALTERS GARDENS



'GUAVA LAVA'

Height: 20 to 22 in. (51 to 56 cm) Bloom Months: June to September USDA Hardiness Zones: 5a to 9b

A dense, well-rounded Agastache that bursts to life in Summer with coral-orange flowers held on mauve calyxes.

AGASTACHE 🜕 (ANISE HYSSOP)

Agastache rupestris

WALTERS GARDENS 'PEACHIE KEEN'



Height: 20 to 24 in. (51 to 61 cm) **Bloom Months:** August

USDA Hardiness Zones: 6a to 9b 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.

WALTERS GARDENS



'ROSIE POSIE'

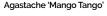


Height: 18 to 22 in. (46 to 56 cm) **Bloom Months:** August USDA Hardiness Zones: 6a to 9b PP25,857

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 'Blue Bayou'

AGASTACHE • (ANISE HYSSOP)

Agastache aurantiaca

WALTERS GARDENS



WaltersGarden

TANGO'

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

Selected for its compact habit and vibrant flower color. Overall, the plant has a rich, mangoorange 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 O (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.



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

Cool violet-blue flowers last into Fall.

AGASTACHE (ANISE HYSSOP, **HUMMINGBIRD MINT)**

Agastache rugosa

WALTERS GARDENS



'BLUE BAYOU'



Height: 16 to 18 in. (41 to 46 cm) **Bloom Months:** July to September USDA Hardiness Zones: 5a to 9b PPAF

Long-lasting, lavender blue flowers attract bees, butterflies and hummingbirds. Dark calyxes remain attractive after the plant has finished blooming. This compact plant has low water needs and excellent heat tolerance.



Agastache 'Blue Fortune



Agastache 'Purple Haze'



Ajuga 'Bronze Beauty'



Ajuga 'Burgundy Glow'



Ajuga 'Catlin's Giant'



Ajuga 'Mahogany'



Ajuga Chocolate Chip

AJUGA (BUGLEWEED) Ajuga reptans

PLANTHAVEN INT'L, INC.

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

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. Blue flower spikes of this perennial plant complement its striking variegated leaves that display shades of white, purple, rose and green and change to deep bronze in the Fall.

'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.

AJUGA O (BUGLEWEED)

Ajuga x tenorii

CHOCOLATE CHIP



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

- Mounded, dwarf form with narrow leaves and plenty of flowers.
- Attracts hummingbirds.
- · Excellent for small spaces.
- Vigorous and disease resistant.

This dwarf Ajuga has miniature, narrow, chocolate-colored leaves and blue flowers that attract hummingbirds. It's ideal for small spaces, at garden's edge or in rock gardens. It pairs well with gold or variegated hostas or Japanese painted fern. Grows in moist soil in partial shade or part-day sun as its foliage can scorch in full sun.

ALYSSUM O

Alyssum wulfenianum

DARWIN PERENNIALS

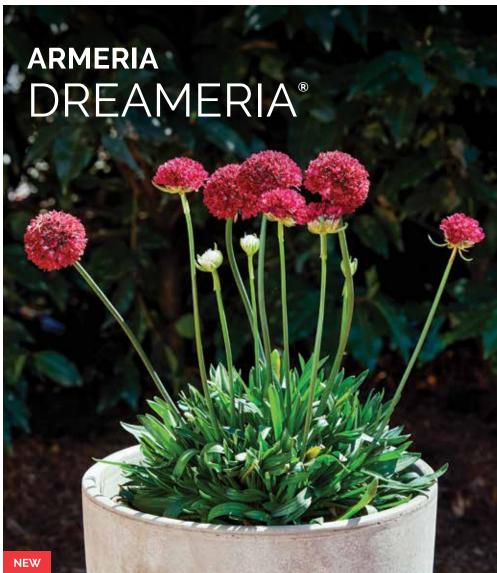
'GOLDEN SPRING'

Height: 6 to 8 in. (15 to 20 cm) Bloom Months: April to May USDA Hardiness Zones: 4a to 9b PP25,710

- 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.

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





'Hypnotic Dreams'



DARWIN PERENNIALS

DREAMERIA® SERIES





FirstYearFloweringTool.com for easy scheduling

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

- · Dreameria moves the genus from strictly early-Spring and late-Fall, cool-season perennial to season-long flowering.
- Features large flowers on sturdy stems for an excellent color presentation.
- Callused cuttings greatly enhance the grower's ability to grow this crop.
- · 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. PP33,597

'Dream Weaver' A deep rose-pink color. PP30,600

'Dreamland'

A dark salmon bloom, PP30.601 **NEW 'Hypnotic Dreams'** Large, unique, ruby red flowers. PPAF **'Sweet Dreams'** Attractive

lavender-mauve flowers. PP29,612 'Vivid Dreams' Attractive, deep purple flowers. PP35,236

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



'Daydream'



'Dream Clouds'



'Dream Weaver'







'Hypnotic Dreams'



'Sweet Dreams'



'Vivid Dreams'



Aster 'Grape Crush'





Amsonia 'Blue Ice'



Artemisia 'Powis Castle'



Artemisia 'Silver Mound'



Artemisia 'Silver Brocade'

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.

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.

ASTER 🧐 (NEW ENGLAND ASTER) Aster novae-angliae

WALTERS GARDENS

'GRAPE CRUSH'

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

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

WALTERS GARDENS



'PINK CRUSH'



Height: 20 to 24 in. (51 to 61 cm) **Bloom Months:** August to November USDA Hardiness Zones: 3a to 8b PP33,628

'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 O Aster x frikartii



Height: 24 in. (61 cm) Bloom Months: August to September

USDA Hardiness Zones: 4a to 8b

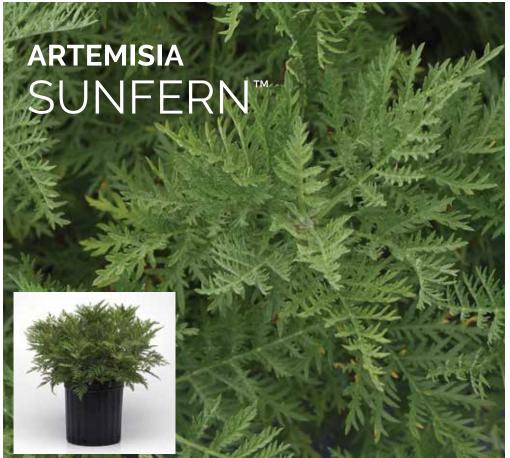
Deep blue flowers measure 2.5 in. (6 cm).



Aster 'Purple Dome'



Aster 'Moench'



ARTEMISIA • • (RUSSIAN WORMWOOD)
Artemisia gmelinii

DARWIN PERENNIALS

SUNFERN™ COLLECTION



Height: Varies by variety Bloom Months: Non-flowering USDA Hardiness Zones: 4a to 9a

- This unique herbaceous perennial works as a companion plant in a container or in the landscape.
- Plants are non-invasive and won't spread.
- Low maintenance and drought tolerant.

Arcadia Height: 14 to 16 in. (36 to 41 cm) Features medium green leaves. 'Balfernarc' PP33.774 Olympia Height: 16 to 18 in. (41 to 46 cm) Dark green leaves with red stems. 'Balfernlym' PP33.775

SunFern is a novel collection with fern-like texture that thrives in full sun – the perfect accent plant.







Olympia

Olympia







Brunnera Permafrost

BRUNNERA (GREAT FORGET-ME-NOT) Brunnera macrophylla

DARWIN PERENNIALS

'FROSTBITE'



Available as tissue culture-raised liners

Height: 6 to 9 in. (15 to 23 cm) Bloom Months: April to May USDA Hardiness Zones: 4a to 9a

Perfect balance of silver-to-green foliage for shade gardens.

- · Heart-shaped leaves are slightly smaller, allowing production in smaller containers.
- · Produces bright blue flowers in Spring.

DARWIN PERENNIALS REINTRODUCTION FOR 2025

FROSTLINE



Available as tissue culture-raised liners

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

Unique leaf pattern for more garden appeal!

- · Leaves feature a unique chartreuse halo not often found on Brunnera.
- · Displays strong, eye-catching leaf venation.
- · Bright blue flowers are an added bonus in Spring.

DARWIN PERENNIALS REINTRODUCTION FOR 2025

PERMAFROST



Available as tissue culture-raised liners

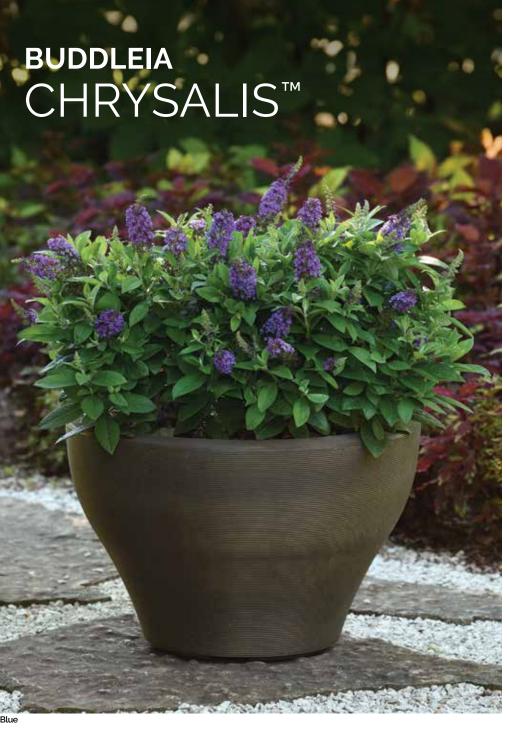
Height: 12 to 15 in. (30 to 38 cm) Bloom Months: April to May USDA Hardiness Zones: 4a to 9a 'Balbrupost' PPAF

Large leaves with strong

- venation for shaded areas. • Brighten up your shade display with this large-leaf plant with strong veins.
- Produces less Summer browning compared to the competition.
- · Ideal for the landscape.
- · Displays bright blue flowers in Spring.



Brunnera 'Frostbite



BUDDLEIA O (BUTTERFLY BUSH)

Buddleia hybrid

DARWIN PERENNIALS

CHRYSALIS™ SERIES





FirstYearFloweringTool.com for easy scheduling

Height: 20 to 28 in. (51 to 71 cm) **Bloom Months:** March to October USDA Hardiness Zones: 5a to 9a

- Bred and selected for its abundance of flowers that attracts 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' PP33,842 Cranberry 'Balchryran' PP33,845



'Balchryink' PP33,843



'Balchryurp' PP33,847

NEW Steel Blue Compact butterfly bush has lavender-blue blooms. 'Balchryeel' PPAF

White 'Balchryite' PP33,846

Compact Chrysalis features an abundance of flowers and continuous blooming!















Buddleia Monarch 'Cherry Royale'

Buddleia Monarch 'Blue Knight'



Buddleia Butterfly Gold

Buddleia Monarch 'Glass Slippers'

Buddleia Monarch 'Prince Charming'

BUDDLEIA 🜕 (BUTTERFLY BUSH)

Buddleia

GOLD

MUST HAVE PERENNIALS MUST HAVE



BUTTERFLY

'BUDHUR99' PP33,807

Height: 72 in. (183 cm) **Bloom Months:** July to August **USDA Hardiness Zones:** 6a to 9b

Yellow to white and green variegated foliage helps this plant stand out even before its blooms appear. Large, mauve-purple flower spikes bloom in Summer. A very fragrant and floriferous shrub with a dense, compact habit.



Buddleia davidii

'BLACK KNIGHT'

***%X**

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

Deep blue-black flowers and silvery foliage.

WALTERS GARDENS



MONARCH® SERIES



Height: 50 to 60 in. (127 to 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. PP28,178

NEW 'Cherry Royale' Gorgeous magenta-colored blooms stand out against a green, leafy background. PPAF

'Dark Dynasty' Royal purple, fragrant flowers. PP27,834

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

'Prince Charming' Bright cerisepink flower spikes. PP28,903

'Princess Pink' Light appleblossom-pink flowers. PP33,665

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

MONARCH is a U.S. registered trademark of

WaltersGardens



Buddleia Monarch 'Princess Pink'



Buddleia Monarch 'Queen of Hearts'



Buddleia 'Pink Cascade II





Buddleia 'Grand Cascade'



Buddleia 'Violet Cascade'



Campanula 'Birch Hybrid'

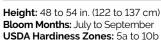


Campanula Blue Waterfall

BUDDLEIA 🜕 (BUTTERFLY BUSH) Buddleia



'PINK CASCADE II' ★ 🛞 🔀



PP35,438

Large Butterfly Bush with appleblossom-pink flowers. 12-in. (30-cm) long panicles cascade down the plant, appearing to weep like a Bridalwreath Spirea. Seed set has not been observed on this plant, indicating it is likely sterile.



Buddleia davidii

WALTERS GARDENS



'LILAC CASCADE'



Height: 60 to 66 in. (152 to 168 cm) **Bloom Months:** August to November **USDA Hardiness Zones:** 5a to 10b PP33.844

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

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.

WALTERS GARDENS



VIOLET CASCADE'



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

USDA Hardiness Zones: 5a to 10b PP34,298

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.

CAMPANULA O (BELLFLOWER) Campanula garganica

'DICKSON'S GOLD'

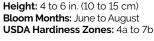
Height: 4 to 6 in. (10 to 15 cm) Bloom Months: May to July USDA Hardiness Zones: 4a to 9b

Blue, star-shaped flowers on golden foliage.

CAMPANULA 🖯 (BELLFLOWER)

Campanula portenschlagiana

'BIRCH HYBRID'



A dwarf form with pale blue flowers.

CAMPANULA 🔘 🕕 (BELLFLOWER)

Campanula poscharskyana

MUST HAVE PERENNIALS MUST HAVE

Height: 8 in. (20 cm) Bloom Months: May to July USDA Hardiness Zones: 4a to 9b 'Camgood'

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

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.

CENTAUREA O (SNOWFLAKE DUSTY MILLER)

Centaurea ragusina

DARWIN PERENNIALS

SILVER SWIRL





FirstYearFloweringTool.com for easy scheduling

Height: 8 to 11 in. (20 to 28 cm) Bloom Months: June to July USDA Hardiness Zones: 6b to 9b 'Balcentsirl' PPAF

- Plant has distinctive silvery white foliage with wavy leaf edges.
- · Ideal for combos and frontof-the-border plantings.
- Offers better Winter hardiness than the competition.

Attract more attention to any display or landscape.





Caryopteris 'Emerald Crest'

Caryopteris 'Gold Crest'



Caryopteris Grand Bleu

CARYOPTERIS | (BLUEBEARD)

Caryopteris x clandonensis

DARWIN PERENNIALS

'EMERALD CREST'

FirstYearFloweringTool.com FirstYearFlowering.
for easy scheduling

Height: 28 to 36 in. (71 to 91 cm) **Bloom Months:** August to October USDA Hardiness Zones: 6a to 9a

Provides a better finished plant with a high-impact color show!

- A rare bright blue for Fall programs.
- Dense flower clusters in late Summer and Fall attract pollinators.
- Compact plant has glossy green leaves and a nice, mounded habit.

DARWIN PERENNIALS

'GOLD CREST'





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.

DARWIN PERENNIALS

GRAND BLEU®





Height: 48 in. (122 cm) **Bloom Months:** August to October USDA Hardiness Zones: 6a to 9b

One of the best blue Caryopteris on the market.

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



Coreopsis 'Golden Stardust'

CENTAUREA 🜕

(CORNFLOWER)

Centaurea montana

Height: 20 in. (51 cm)

MUST HAVE PERENNIALS MUST HAVE

'AMETHYST DREAM'

Bloom Months: June to July

Unique "shingled" buds grow

into showy, radiant, royal-purple

blooms accented by softly haired,

USDA Hardiness Zones: 3a to 9b



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.

COREOPSIS O (TICKSEED)

Coreopsis hybrida

DARWIN PERENNIALS

'GOLDEN STARDUST'





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.



Coreopsis 'Super Star'

DANZIGER "DAN" FLOWER FARMS

SOLANNA™ **GOLDEN SPHERE**



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.

DARWIN PERENNIALS

'SUPER STAR'





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.



Centaurea 'Amethyst Dream'



Centaurea 'Amethyst in Snow'

silver foliage.

MUST HAVE PERENNIALS MUST HAVE 'AMETHYST IN SNOW' ★

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.

CERATOSTIGMA 🔵 🕕 (LEADWORT)

Ceratostigma 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 bronze-red



COREOPSIS O (TICKSEED)

Coreopsis hybrida

DARWIN PERENNIALS

UPTICK™ SERIES





FirstYearFloweringTool.com for easy scheduling **Height:** 12 to 14 in. (30 to 36 cm)

Bloom Months: March to November USDA Hardiness Zones: 5a to 9b

- · Tidy, mounded habit is easier to ship and shows better at retail.
- · Keeps its shape and continuous color - in the landscape all Summer long.
- Low maintenance and very mildew resistant.

Cream This clean, creamy white is highly desired for landscape design. 'Balupteam' PP28,964

Cream & Red 'Balupteamed' PP28.866

NEW Gold Large, golden-yellow flowers are ideal for deco pots. 'Baluptold' PPAF

TOP SELLER Gold & Bronze

'Baluptgonz' PP28,882

Red Nearly fully red in Spring; red with yellow petal tips in Summer. Mounded habit is similar to Yellow & Red. 'Baluptred' PP33,866

Yellow & Red 'Baluptowed' PP28,865

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





TOP SELLER

Gold & Bronze

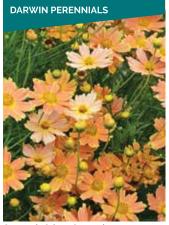




Cream & Red



Coreopsis 'Crème Brulee'



Coreopsis Crème Caramel



Coreopsis Sizzle & Spice 'Crazy Cayenne'



Coreopsis Sizzle & Spice 'Curry Up'



Coreopsis Sizzle & Spice 'Hot Paprika'



Coreopsis Sizzle & Spice 'Red Hot Vanilla'



Coreopsis Sizzle & Spice 'Sassy Saffron'



Coreopsis Sizzle & Spice 'Zesty Zinger'

COREOPSIS O (TICKSEED)

Coreopsis auriculata

'NANA'



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

Small, orange-yellow, daisy-like flowers on bushy plants with large, rounded, dark green, evergreen foliage.

COREOPSIS O (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 O (TICKSEED)

Coreopsis verticillata

MUST HAVE PERENNIALS MUST HAVE

'CRÈME BRULEE'



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.

DARWIN PERENNIALS

CRÈME CARAMEL



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.

'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 0 (TICKSEED)

Coreopsis x hybrida

ITSAUL PLANTS, INC. 'JETHRO TULL'



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.

WALTERS GARDENS



SIZZLE & SPICE® **SERIES**



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 sunsetorange flowers with red-orange concentrated at the centers.

'Curry Up' Golden yellow flowers with clear, dark red eyes. PP28,521

'Hot Paprika' Rich, deep red flowers, PP28,522

'Red Hot Vanilla' Cream flowers with a dark red central eye. PP30,909

'Sassy Saffron' PP31,393 'Zesty Zinger' Light ivory

flowers have pronounced dark magenta centers. PP29,921

SIZZLE & SPICE is a U.S. registered trademark



DELOSPERMA (ICE PLANT)

Delosperma hybrida

DARWIN PERENNIALS

OCEAN SUNSET™ SERIES





FirstYearFloweringTool.com for easy scheduling

Height: 4 to 6 in. (10 to 15 cm) **Bloom Months:** March to October USDA Hardiness Zones: 5a to 9b

- · High flower count per plant, with large flowers on a great habit.
- Outstanding perfomer in pots, with showy flowers that close at night and open mid-morning.
- The intense, vivid colors are ideal in rock gardens and borders.
- Very drought tolerant once established.

TOP SELLER Orange Glow 'T1873' PP34,674

Orange Vibe (pictured left)

'T1821' PP34,943 Violet 'T1854' PP34,730

NEW Violet Flare Iridescent

purple-pink flowers on a low, mounded habit. PPAF



Orange Glow





Violet Flare



Delosperma 'Mountain Dew'



Delosperma 'Orange Crush'



Delosperma 'Jewel of Desert Garnet'



Delosperma 'Jewel of Desert Peridot'



Delosperma 'Jewel of Desert Ruby'



Delosperma 'Jewel of Desert Topaz'



Delosperma Fire Spinner



Delosperma Wheels of Wonder Golden Wonder

DELOSPERMA O (ICE PLANT)

Delosperma

MUST HAVE PERENNIALS MUST HAVE 'MOUNTAIN DEW'



Height: 2 to 3 in. (5 to 8 cm) Bloom Months: April to June USDA Hardiness Zones: 5a to 8b PP31.543

Brilliant yellow blooms with a white center atop green, fingered foliage. This ground-hugging succulent features abundant flowering April into June. Plants are drought tolerant and low maintenance.

MUST HAVE PERENNIALS MUST HAVE



'ORANGE CRUSH'

Height: 2 to 3 in. (5 to 8 cm) Bloom Months: April to June USDA Hardiness Zones: 5a to 8b PP30.806

A sport of Fire Spinner® with softer, light orange flowers with a blush-pink center atop green, fingered foliage. This ground-hugging succulent features abundant flowering April into June. Plants are drought tolerant and low maintenance.

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 O (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 O (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

CONCEPT PLANTS, B.V.

JEWEL OF DESERT **SERIES**

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-yearflowering series is drought tolerant once established.

Garnet PP23,471 Peridot PP23,566 **Ruby** PP23,453 **Topaz** PP23,492

CONCEPT PLANTS, B.V.

WHEELS OF WONDER™ SERIES

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.

Fire Wonder 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



Delosperma Wheels of Wonder Hot Pink Wonder



Delosperma Wheels of Wonder Violet Wonder



DELPHINIUM (LARKSPUR)

Delphinium x hybrida

'RED LARK'

DARWIN PERENNIALS





FirstYearFloweringTool.com for easy scheduling

Available as tissue culture-raised liners

Height: 24 to 28 in. (61 to 71 cm) Bloom Months: April to July USDA Hardiness Zones: 5a to 8b PP29,761

TOP SELLER

- · Delphinium 'Red Lark' brings a strong coral-red color to the genus.
- Flowers can be used as cut flowers or enjoyed in the garden.
- · This variety is a sterile hybrid that will not reseed.

Exciting breakthrough in hybridization!

DIANTHUS (CHINA PINKS, CHEDDAR PINKS)

Dianthus hybrida

DARWIN PERENNIALS

MOUNTAIN FROST™ COLLECTION



Available as URCs or liners

Height: Varies by variety **Bloom Months:** March to October **USDA Hardiness Zones:** 4b to 9a

- 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.

Mountain Frost
Dianthus are the
perfect combination of
delicate yet sturdy, with
dainty, ruffled petals
displaying bright, bold
color combinations.









SPREADING

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 with dark green foliage. '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

White Twinkle Height: 5 to 6 in. (13 to 15 cm) Bright, bicolor white and pink flowers with silvery-gray foliage. 'KonD1060K1' PP30,218



White Twinkle

MOUNDING

Red Garnet Height: 6 to 8 in. (15 to 20 cm) Silver-gray foliage with deep red flowers that don't fade in the heat or sun. 'KonD1335K1' PP32,362

Rose Bouquet (also pictured on page 42) Height: 10 to 12 in. (25 to 30 cm) Extra-large, deep rose flowers with dark 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-gray foliage. 'KonD1400K6' PP33,461

Ruby Snow Height: 6 to 8 in. (15 to 20 cm) Silver-gray foliage and white blooms with red eyes. Flowers don't fade in the heat or sun. 'KonD1400K4' PP33,460

Silver Strike Height: 8 to 10 in. (20 to 25 cm) Bright, bicolor pink flowers with silver-gray foliage. 'KonD1039K1' PP30,079







DIANTHUS | 43 Silver Strike **Ruby Glitter**

DIGITALIS 🔵 (FOXGLOVE) Digitalis hybrida

DARWIN PERENNIALS

ARCTIC FOX™ SERIES





FirstYearFloweringTool.com for easy scheduling

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

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

NEW Lemon Cream (pictured right) Tall stems of light yellow flowers attract pollinators all Summer. A thriller in large combo pots. Deer resistant. 'Balroxleam' PPAF

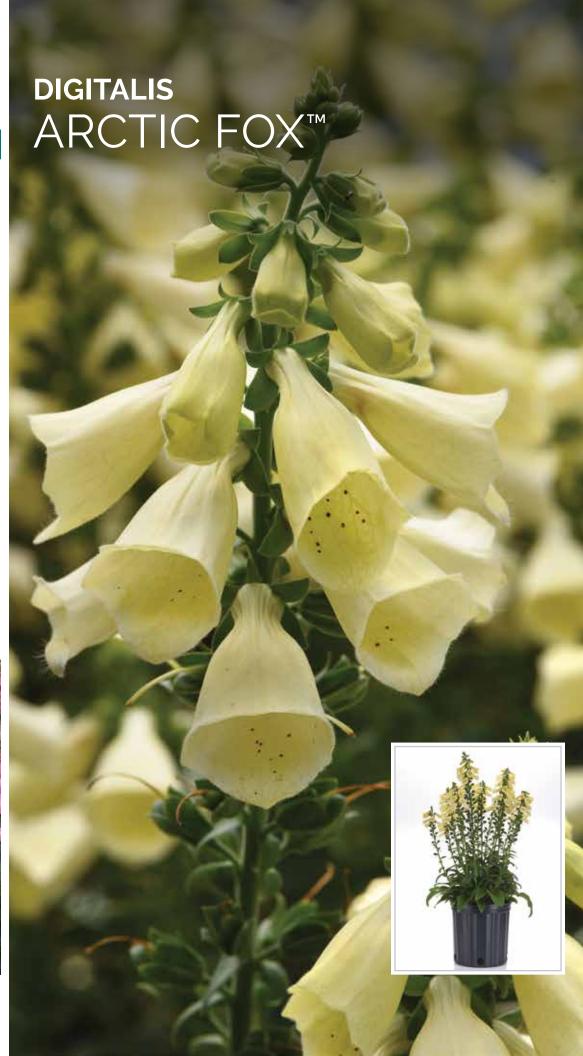
TOP SELLER Rose

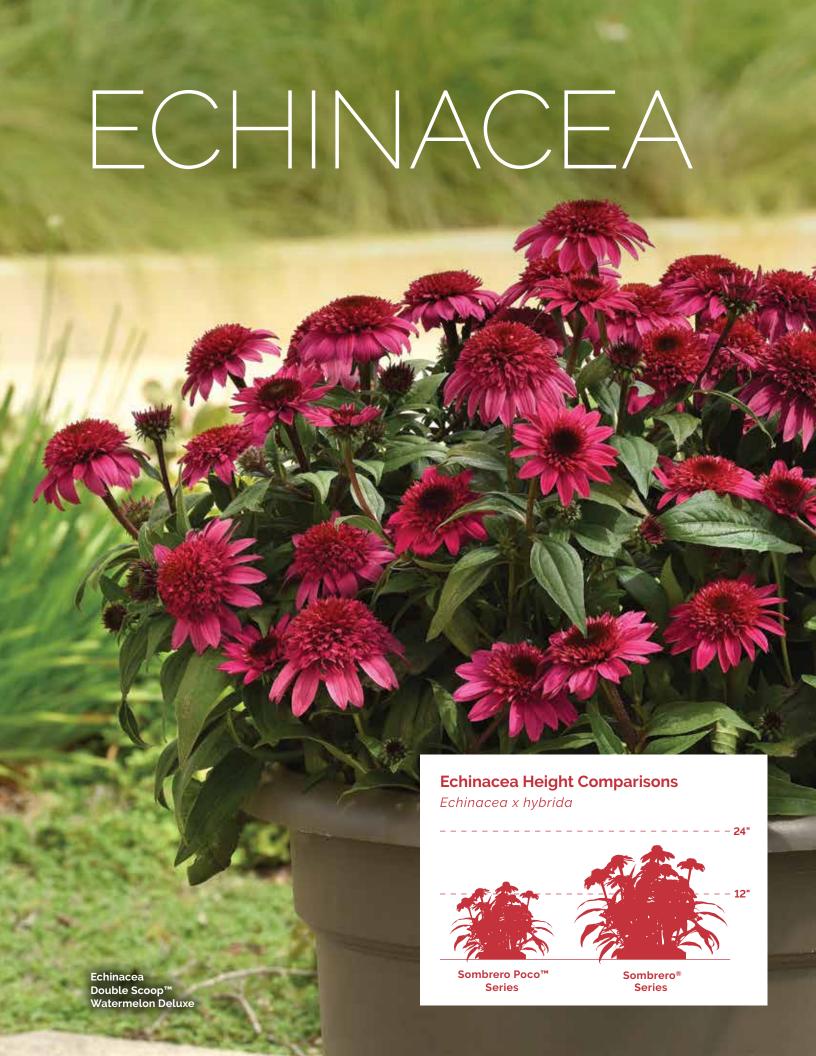
'Balroxose' PP31,900

A true perennial, offering Winter hardiness with Summer-long blooming.



Rose





ECHINACEA 💛 (CONEFLOWER)

Echinacea x hybrida

DARWIN PERENNIALS

DOUBLE SCOOP™ SERIES





FirstYearFloweringTool.com for easy scheduling

Available as tissue culture-raised liners

Height: 22 to 24 in. (56 to 61 cm) **Bloom Months:** June to August USDA Hardiness Zones: 4a to 9b

- · Deluxe varieties bring the branching, flower count and timing of the Sombrero® Series to Double Scoop.
- · More compact with better branching and a higher flower count than the typical double-flowered Echinacea.
- · More reliable first year flowering.

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

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

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

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

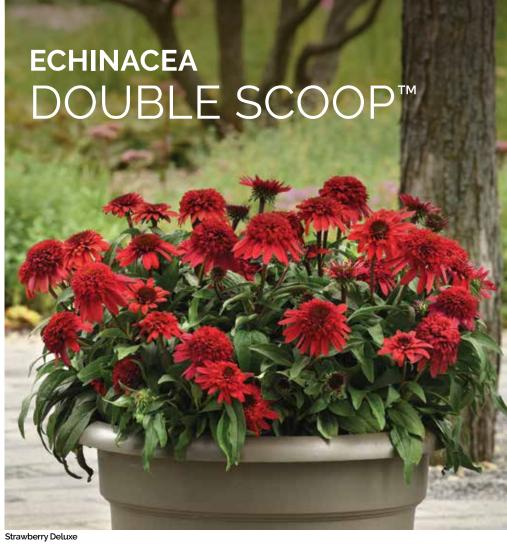
Raspberry Deluxe Radiant dark pink double blooms. 'Balscrasux' PPAF; US7,982,110

Strawberry Deluxe A glamorous, deep red color. 'Balscawbux' PPAF; USUS7,982,110

Watermelon Deluxe

Hot pink with an almost black eye when first opening. 'Balscmelux' PPAF; US7,982,110

Amazing flower coverage makes a bold statement in landscapes and gardens.









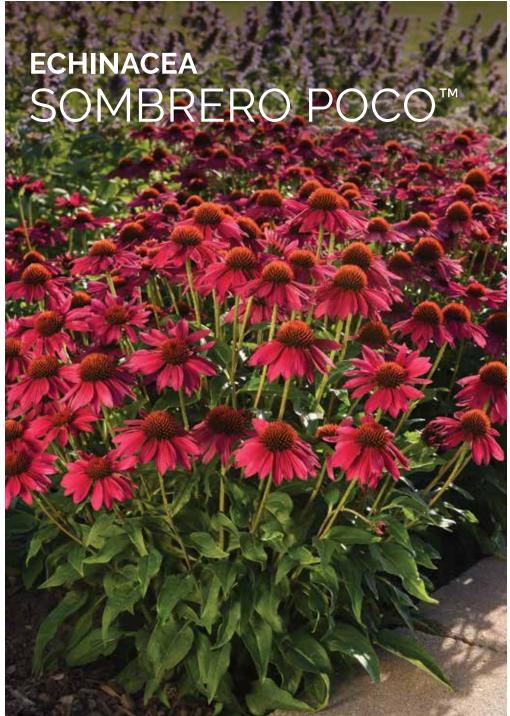






Raspberry Deluxe

Watermelon Deluxe



ECHINACEA (CONEFLOWER) Echinacea x hybrida

DARWIN PERENNIALS

SOMBRERO POCO™ SERIES



FirstYearFloweringTool.com for easy scheduling

Available as tissue culture-raised liners

Height: 14 to 16 in. (36 to 41 cm) **Bloom Months:** June to August USDA Hardiness Zones: 4b to 9b

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

- Sturdy plants are covered in blooms with bright, rich colors.
- Compact, for better forcing and greenhouse growing performance.
- · Well-matched in habit and timing.
- · Plant in Spring and sell the same year.

TOP SELLER Hot Coral

'Balsomcor' PP23,097; US7,982,110

Hot Pink 'Balsompotin' PP35,164; US7,982,110

Red High-impact, red flowers. 'Balsompred' PP34,897; US7,982,110 White 'Balsompocwi' US7,982,110

Yellow Unique, non-fading flowers last for weeks. 'Balsompocel' US11,297,788; US7 982 110



Hot Coral









Hot Pink

ECHINACEA 🕒 (CONEFLOWER)

Echinacea x hybrida

DARWIN PERENNIALS SOMBRERO® SERIES





FirstYearFloweringTool.com for easy scheduling

Available as tissue culture-raised liners

Height: 18 to 20 in. (46 to 51 cm) **Bloom Months:** June to August USDA Hardiness Zones: 4b to 9b

- · Highly floriferous series is naturally well-branched and compact for easy shipping.
- Excellent retail presentation.
- $\boldsymbol{\cdot}$ Well-matched in habit and timing.
- · Ideal for 2.5-qt. pot size.

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





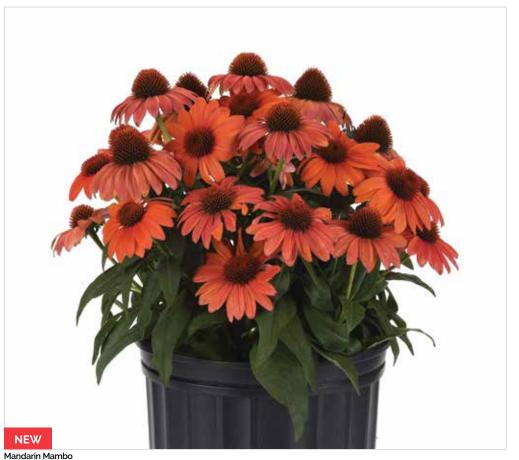


Baja Burgundy



Blanco

48 | ECHINACEA





Fiesta Orange

TOP SELLER Adobe Orange

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

Baja Burgundy

(pictured on page 48) 'Balsombabur' PP28,162; US7,982,110

Blanco (pictured on page 48) 'Balsomblanc'

Fiesta Orange Bold,

non-fading orange with single and semi-double characteristics. 'Balsomstor' PP33.170: US7.982.110

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

NEW Fuchsia Fandango (pictured on page 48) Showcasing a canopy of stunning, vibrant pink blooms. 'Balsomfand' US7,982,110

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

TOP SELLER Lemon Yellow

'Balsomemyim' PP30,116; US7,982,110

NEW Mandarin Mambo (pictured on page 48) Next-level flower coverage and petal overlap, with bold orange flowers that fade to peach. 'Balsomambo' US7,982,110

Rosada Bright rose-pink flowers with dark purple stems. Suitable for garden and cut flower use. 'Balsomrosa' PP33,011; US7,982,110

TOP SELLER Salsa Red

'Balsomsed' PP23,105; US7,982,110

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

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



Flamenco Orange



Rosada



Sangrita





Tres Amigos



5



Salsa Red



Summer Solstice

ERYSIMUM • (WALLFLOWER) Erysimum linifolium

DARWIN PERENNIALS

'BOWLES ME AWAY'





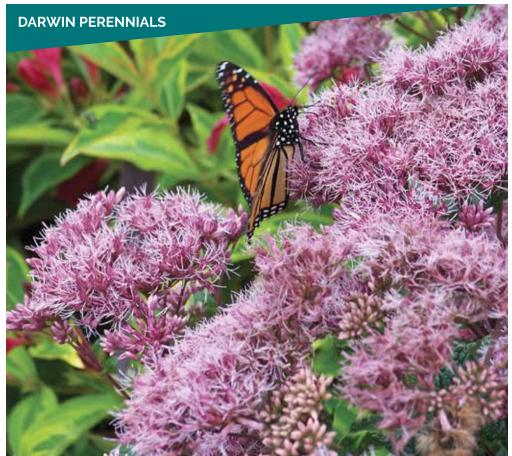
FirstYearFloweringTool.com for easy scheduling

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

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

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.





EUPATORIUM O (JOE-PYE WEED)

Eupatorium dubium

DARWIN PERENNIALS

'LITTLE JOE'





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 heads in Fall.
- · Tolerates seasonally wet to rather dry sites.

Eupatorium 'Little Joe



Eupatorium Euphoria Ruby

EUPATORIUM (JOE-PYE WEED) Eupatorium purpureum

FLORENSIS, B.V.

Florensis

EUPHORIA™ RUBY





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.

- · Bloom time extends 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.



Euphorbia 'Bonfire'



Euphorbia 'Ascot Rainbow'



Galium odoratum



Gaura Belleza Compact Light Pink



Gaura Belleza Dark Pink



Gaura Belleza White

(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

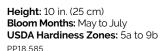
Mauve-pink flowers against deep red stems make a bold garden display.

EUPHORBIA O (SPURGE)

Euphorbia polychroma



'BONFIRE'

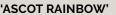


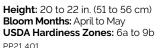
Neat, uniform mounds of green foliage quickly mature to rich maroon-red in Summer; has glowing chartreuse-gold flowers in Spring.

EUPHORBIA 🕒 🕕 (SPURGE)

Euphorbia x martinii

PLANTHAVEN INT'L, INC.





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

GALIUM 🜗 🌑 (SWEET WOODRUFF)

Galium 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

BELLEZA® SERIES

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

Compact Light Pink 'KLEGL06261' **TOP SELLER** Dark Pink The only Dark Pink variety on the market! Upgraded for earliness, flower power and more consistent flowering on each branch of the plant. Lower density of branching makes it better for combinations. 'KLEAU04263'

White One of the most compact, well-branched white Gauras on the market. 'KLEGL14844'



GAUDI™ SERIES



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.



Gaura Gaudi Pink



Gaura Gaudi Red



GAURA (WAND FLOWER)

Gaura lindheimeri

DARWIN PERENNIALS

'LITTLE JANIE'





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'



Gaura 'Whiskers Deep Rose'

DARWIN PERENNIALS

'WHISKERS DEEP ROSE'





FirstYearFloweringTool.com for easy scheduling

Height: 14 to 16 in. (36 to 41 cm) **Bloom Months:** April to September USDA Hardiness Zones: 6a to 9b

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 Ballerina Rose



Gaura Ballerina White



Gaura Passionate Blush



Gaura 'Whirling Butterflies'

GAURA 🔵 (WAND FLOWER) Gaura lindheimeri

DARWIN PERENNIALS

BALLERINA™ **SERIES**





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' White 'Baltincite' PP20,326 PLANTHAVEN INT'L, INC.

PASSIONATE BLUSH



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.

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.

HEDERA 🕒 🜗 (ENGLISH IVY) Hedera helix

ENGLISH

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.

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 calycinum



Miscanthus High Frequency



Miscanthus Bandwidth



Miscanthus My Fair Maiden



Panicum Ruby Ribbons

MISCANTHUS O (JAPANESE SILVER GRASS, MAIDEN GRASS)

Miscanthus sinensis

DARWIN PERENNIALS

HIGH FREQUENCY

Available as liner only

Height: 80 to 86 in. (203 to 218 cm) **Bloom Months:** September to October

USDA Hardiness Zones: 5a to 9a 'NCMS3' CPBRAF; PP34,712

A tall, columnar, banded Miscanthus – perfect for height and structure in the landscape.

- Creates showy retail displays without the need for flowers.
- Rust resistant and infertile for healthy, non-invasive plants in the landscape.
- An excellent feather-like seed head display in the Fall for added interest.

DARWIN PERENNIALS

BANDWIDTH

Available as liner only Height: 30 to 36 in. (76 to 91 cm) Bloom Months: October to

USDA Hardiness Zones: 5a to 9b 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.

DARWIN PERENNIALS

Available as liner only

MY FAIR MAIDEN

Height: 72 to 102 in. (183 to 259 cm) **Bloom Months:** October to November

USDA Hardiness Zones: 5a to 9a 'NCMS1' CPBR6485; PP26,387

A non-invasive, infertile hybrid Maiden Grass.

• Ideal for dramatic backgrounds in the landscape.

PANICUM () (SWITCH GRASS)

Panicum virgatum

RUBY RIBBONS Available as liner only



Height: 24 to 36 in. (61 to 91 cm) **Bloom Months:** September to

USDA Hardiness Zones: 4a to 9a '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.

HELENIUM (SNEEZE WEED) Helenium autumnale

DARWIN PERENNIALS

SALUD™ SERIES





FirstYearFloweringTool.com for easy scheduling

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

- Very compact, making them great for containers.Well-branched habit will hold
- up to weather in the landscape.
- · Vibrant colors stand out at retail.

Embers 'Balsaluemb' PP30.617 Yellow 'Balsalulow' PP30,771

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





Yellow (also pictured right)





HELIANTHUS (NARROW-LEAVED SUNFLOWER)

Helianthus salicifolius

DARWIN PERENNIALS

'AUTUMN GOLD'





Height: 24 to 26 in. (61 to 66 cm) **Bloom Months:** September to

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.

Helianthus 'Autumn Gold'



HELIOPSIS (OX-EYE)

Heliopsis helianthoides

DARWIN PERENNIALS

'SUNSTRUCK'

SONSTRUCK



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 'Sunstruck'

HELIOPSIS (OX-EYE)

Heliopsis helianthoides

DARWIN PERENNIALS

SUMMER ECLIPSE



FirstYearFloweringTool.com for easy scheduling

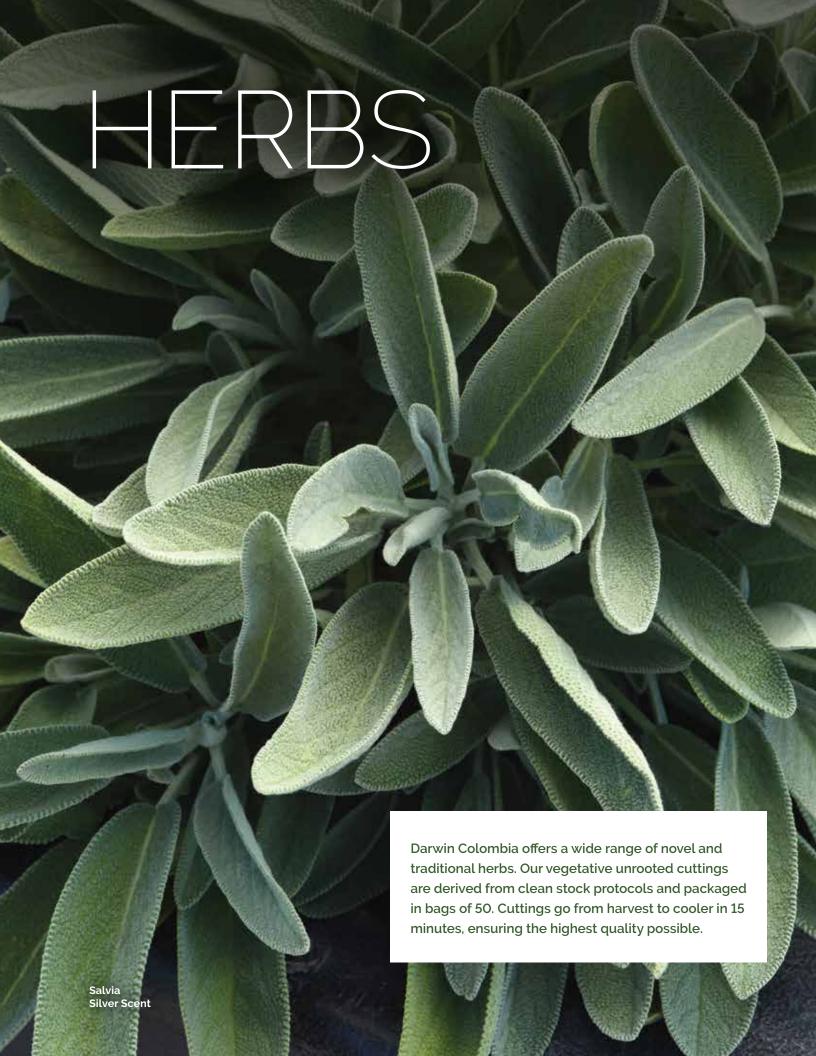
Height: 24 to 30 in. (61 to 76 cm) **Bloom Months:** June to September **USDA Hardiness Zones**: 4b to 9a

- · Wonderful addition to any sunny landscape.
- · The dark burgundy-green foliage is topped with orange and yellow bicolor flowers.
- · Will bloom from early Summer until Fall.

The best compact Heliopsis of its type!



58 | HELIOPSIS





Artemisia French Tarragon



Mentha 'Kentucky Colonel'



Mentha Spearmint





Mentha Pineapple Variegated



Mentha Chocolate



Mentha Citrata Orange



Mentha Peppermint Mentha Mojito



Origanum 'Kent Beauty



ARTEMISIA O (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.

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 🖯 🌑 (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

Green and white variegated leaves with sweet pineapple scent.

MENTHA 🖯 🌑 Mentha x piperita

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.

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.

ORIGANUM 🛑 (ORNAMENTAL OREGANO) Origanum

WALTERS GARDENS

'GILT TRIP'



 $(\!\aleph\!)$

Height: 18 to 24 in. (46 to 61 cm) **Bloom Months:** July to September

USDA Hardiness Zones: 4a to 9b PP35.473

Bushy mound of chartreuse leaves. In Summer, lilac flowers appear on mauve calyxes. Calyxes hold their color long after the plant has finished flowering, extending interest.

ORIGANUM O (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 Variegated



Origanum Greek



Origanum Italian



Rosmarinus officinalis



Rosmarinus 'Arp'



Rosmarinus 'Barbecue



Rosmarinus

'Gorizia'



Rosmarinus 'Huntington Carpet'



Rosmarinus 'Prostratus'



Rosmarinus 'Salem'



Rosmarinus Rosmarinus 'Spice Island' 'Tuscan Blue'



Salvia Pineapple Sage



Salvia 'Aurea

ORIGANUM O (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.

'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 cream-colored variegated edges.

ORIGANUM 🛑 (OREGANO)

Origanum vulgare hirtum

GREEK

Height: 12 to 28 in. (30 to 71 cm) USDA Hardiness Zones: 5a to 9b Strong-growing, hardy strain.

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.

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.

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.

'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.

'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

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

SALVIA 🜕 (SAGE)

Salvia elegans

PINEAPPLE SAGE



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

Tender perennial with pineapplescented foliage and red flowers.

SALVIA 0 (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.









Salvia 'Berggarten'



Salvia Garden Sage



Salvia 'Icterina'



Salvia 'Purpurascens'



Salvia 'Tricolor





Thymus 'Albiflorus'



Thymus 'Coccineus'



Thymus Highland Cream



Thymus 'Pseudolanuginosus'

SALVIA O (GOLDEN SAGE) Salvia officinalis

Stevia Sweet Leaf

'BERGGARTEN'

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

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.

'PURPURASCENS'

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

Purple Sage has bluish-purple stems and leaves.

DARWIN PERENNIALS

SILVER SCENT

Height: 21 to 24 in. (53 to 61 cm) Bloom Months: April to May USDA Hardiness Zones: 5a to 9b 'Balsalslent' PPAF

Bring fragrance back to the ornamental garden.

- · This ornamental sage doubles as a fragrant herb.
- Attractive flowers bloom in early Spring (short days) for added ornamental value.
- · Ideal for both combos and the landscape.

'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.

STEVIA 🔵 (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.

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'

Height: 2 to 4 in. (5 to 10 cm) USDA Hardiness Zones: 5a to 9b

TOP SELLER

Also known as Creeping Thyme. 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.

'PSEUDOLANUGINOSUS'



Height: 2 to 4 in. (5 to 10 cm) **USDA Hardiness Zones:** 5a to 9b

TOP SELLER

Also known as Woolly Thyme. Creeper with gray foliage and white flowers is good for dry locations.





Thymus 'Magic Carpet'



Thymus 'Pink Chintz'



Thymus English



Thymus French



Thymus Golden Lemon



Thymus 'Doone Valley'



Thymus Orange



Thymus Silver Edged



Thymus



'Spicy Orange'

THYMUS O (THYME)

Thymus serpyllum

'ELFIN'



USDA Hardiness Zones: 4a to 9b

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

Thymus Lemon

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'

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 in rock gardens and between stepping stones.

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

Thymus 'Silver King'

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.



HEUCHERA 🕕 🌑 (CORAL BELLS) Heuchera x hybrida

DARWIN PERENNIALS

CARNIVAL SERIES



Available as tissue culture-raised liners

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

- 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 shade landscapes.

Black Olive Burgundy Blast Burgundy-red color. PP34,038

TOP SELLER Cinnamon Stick

Copper shades. PP33,991

Cocomint PP24,927 Coffee Bean PP24,943 Fall Festival Limeade PP24,899 Peach Parfait PP24,928 Plum Crazy PP24,771

TOP SELLER Rose Granita **TOP SELLER** Watermelon

PP24,803

Outstanding, bright Heuchera that are well-matched and affordable!

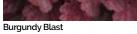


Heuchera Carnival Watermelon, Salvia Radio Red and Salvia Lyrical White



Black Olive

















Rose Granita

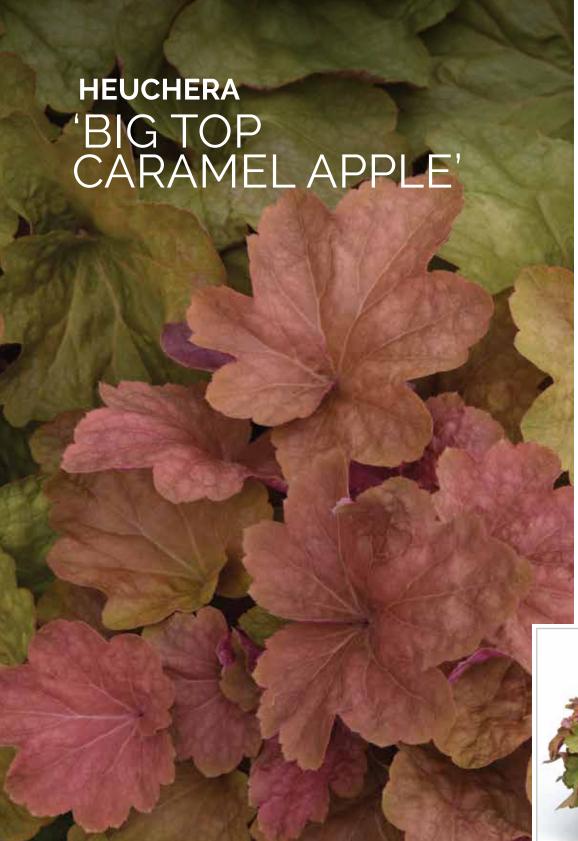


TOP SELLER

Watermelon

Plum Crazy

Fall Festival



HEUCHERA (CORAL BELLS)
Heuchera x villosa

DARWIN PERENNIALS

'BIG TOP CARAMEL APPLE'



Available as tissue culture-raised liners

Height: 16 to 18 in. (41 to 46 cm) **Bloom Months:** April to May **USDA Hardiness Zones:** 4a to 9a PP34.039

- 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.

Large Heuchera delivers big performance and amazing color! IBERIS 🖯 (CANDYTUFT)

Iberis hybrid

DARWIN PERENNIALS

'SUMMER SNOWDRIFT'



FirstYearFloweringTool.com for easy scheduling

Height: 10 to 12 in. (25 to 30 cm) Bloom Months: May to October USDA Hardiness Zones: 6b to 9a PP30,713

- · No vernalization needed for flowering.
- Extend the İberis 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.

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



IBERIS (EVERGREEN CANDYTUFT)

Iberis sempervirens

DARWIN PERENNIALS

'SNOWSATION'

Height: 6 to 8 in. (15 to 20 cm) Bloom Months: February to April USDA Hardiness Zones: 4a to 9a PP29,637

TOP SELLER

- 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.

The largest flowers of any compact Iberis!



		Bloom Months											
k	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	

TOP SELLER

IBERIS

'SNOWSATION'



Iberis 'Alexander's White'



Lamiastrum 'Variegatum'



Lamium 'Beacon Silver'



Lamium 'Orchid Frost



Lamium 'Purple Dragon'



Lamium 'Red Nancy'



Lamium 'White Nancy'

IBERIS 0 (EVERGREEN CANDYTUFT)

Iberis sempervirens

'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)

I amium 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.

PLANTHAVEN INT'L, INC. 'ORCHID FROST'

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.

HORTECH, INC.

'PURPLE DRAGON'



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 Springflowering bulbs. Attractive at garden's edge or along walkways.

'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.



KNIPHOFIA ORED-HOT POKER) Kniphofia uvaria

DARWIN PERENNIALS





FirstYearFloweringTool.com for easy scheduling

Height: 26 to 29 in. (66 to 74 cm) **Bloom Months:** July to November USDA Hardiness Zones: 6a to 9b 'KLEKN22193' PP35,323

- · Easy-to-produce variety is available as an unrooted cutting, allowing growers a different input option not typically seen on the market!
- Abundance of bright yellow, nectar-rich flower spikes attracts pollinators.
- This season-extender blooms Summer through Fall.
- · When not in bloom, the finely textured foliage resembles an ornamental grass for greater consumer appeal.

Versatile Glowstick makes a bold statement in the garden.



LAVENDER

Extend Your Growing Season with Lavender

Spring into the Season with Spanish Lavender

Kick off your Lavender season in early Spring with Spanish Lavender varieties, such as the Anouk series, which is hardy to Zone 6. These tender Mediterranean natives bloom under short days and generally require cool treatment to flower. Spanish Lavender are known for their sweet, piney scent and pineapple-shaped flowers with colorful flags, ranging from white to deep purple. They perform very well in landscapes, although this class generally cycles out of flower in the Summer heat.

Lavender Primavera, the All-Season Performer

An exception in the Spanish Lavender class is Lavender Primavera. It does not require cool treatment to flower and offers strong performance well into Summer! It features Spanish Lavender characteristics as a tender perennial with Zone 7 hardiness, while displaying showy purple bracts. With this season extender, growers and retailers can offer a versatile Spanish Lavender for Fall programs, Christmas and Valentine's Day.

English Lavenders, for Warmer Days

As days get warmer and longer, transition your Lavender program to English Lavenders, such as 'SuperBlue' and 'Annet.' These angustifolia types cover your traditional, sweetly scented Lavender needs with the classic flower form used for potpourri. 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 flower all season in most North American regions, making them outstanding landscape plants.







DARWIN PERENNIALS

'ANNET'





FirstYearFloweringTool.com for easy scheduling

Height: 16 to 18 in. (41 to 46 cm) Bloom Months: April to September USDA Hardiness Zones: 4a 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.



Lavandula 'Annet'



DARWIN PERENNIALS

'SUPERBLUE'



FirstYearFloweringTool.com for easy scheduling

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

'SuperBlue' PP24,929

TOP SELLER

Excellent performer boasts the biggest blooms!

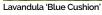
- · Rich blue blooms on short flower spikes.
- Less gapping among spikes for more color impact.
- Excellent Winter hardiness and landscape performance.

BETTER VERSIONS™ by Darwin Perennials

'SuperBlue' is better than Hidcote because of bigger blooms and better habit in the landscape.

TOP SELLER Lavandula 'SuperBlue'









Lavandula 'Munstead'



Lavandula Big Time Blue

LAVANDULA 🜕 (ENGLISH LAVENDER)

Lavandula angustifolia

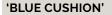
CONCEPT PLANTS, B.V.

BIG TIME BLUE

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 silvergray foliage and mid-blue flowers.

MUST HAVE PERENNIALS MUST HAVE



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

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

MOMPARLER ALBORS

PLATINUM BLONDE™



Height: 16 to 24 in. (41 to 61 cm) **Bloom Months:** June to August USDA Hardiness Zones: 6a to 9b

'Momparler' PP23,834

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

PLATINUM BLONDE is a U.S. trademark of

'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 'Vera'



Lavandula dentata



Lavandula 'Grosso'



Lavandula 'Provence'



Lavandula 'Otto Quast'



Lavandula 'Goodwin Creek Grey'



Lavandula Phenomenal

LAVANDULA O (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 (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 ginginsii



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 O (LAVENDER)

Lavandula x intermedia

B & S PLANTS, LLC

PHENOMENAL®



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

LAVANDULA 🬕 (SPANISH LAVENDER)

Lavandula stoechas

DARWIN PERENNIALS

ANOUK SERIES



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

- · Reblooming Spanish Lavenders have excellent weather tolerance and retail shelf life.
- · High resistance to foliar disease.
- · A wonderful pollinator plant for containers and landscapes.

'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

NEW Burgundy Unique burgundy addition. 'Anouk Deluxe 202001' PPAF

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

NEW Doublescape Double flowers in a deeper lavender shade. 'Anouk Deluxe 201908' PPAF

Purple Flare Dark purple flowers topped with pink-purple flags. 'Anouk Deluxe 16115' & PP35,064

Purple Medley Larger and more flowers than standard Anouk varieties with the same great plant performance. Ideal for the typical Spanish Lavender season. 'Anouk Deluxe 1939' PP35,499

NEW Royal Anouk

Lavender-violet flower spikes are topped with matching flags. 'Anouk Deluxe 201909' PPAF

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

Outstanding in containers and landscapes.









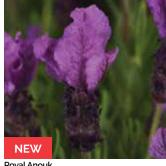














Royal Anouk

'Silver Anouk'



DARWIN PERENNIALS

PRIMAVERA





FirstYearFloweringTool.com for easy scheduling

Height: 16 to 18 in. (41 to 46 cm) Bloom Months: Year round depending on location

USDA Hardiness Zones: 7a to 9a 'Anouk Deluxe 1225' CPBRAF; PP33,269

TOP SELLER

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

Flowers throughout Summer and Winter to extend the Spanish Lavender season!

LAVANDULA O (SPANISH LAVENDER)

Lavandula stoechas

DARWIN PERENNIALS
NEW FOR 2025

LAVINNOVA® SERIES



Height: 10 to 12 in. (25 to 30 cm) Bloom Months: March to July USDA Hardiness Zones: 6a to 9b

- Displays a striking contrast between flowers and the unique silver foliage.
- · Ideal for pollinator programs.

Frost Pink Bubblegum-pink flowers are a nice complement to the silver foliage. 'IB 510-96' Frost Purple Dark purple flowers contrast with the bright silver foliage. 'IB 510-17' PPAF

LAVINNOVA is a U.S. registered trademark of Plant Growers Australia Pty. Ltd

Silver foliage makes a dazzling backdrop for Lavinnova's blooms.



Frost Pink



Frost Purple (also pictured right)





Leucanthemum superbum

DARWIN PERENNIALS

REINTRODUCTION FOR 2025

MAKE MY DAISY™ SERIES





FirstYearFloweringTool.com for easy scheduling

Height: 14 to 17 in. (36 to 43 cm) Bloom Months: June to August USDA Hardiness Zones: 5a to 9a

- Make My Daisy is an exciting take on a classic plant, with clean white blooms and excellent flower coverage.
- Quick-turn crop provides reliable bulking for efficient production.
 Features a long bloom window with a continuous flush of new flowers throughout the season.

Crazy Exciting, semi-double flowers. 'Sunrimaizy' PP35,074 **Happy** Single flower form. 'Sunrimaiapy' PP35,183

Uniform, first-yearflowering Shasta Daisy delivers an impressive show without vernalization.





Happy (also pictured left)



LEUCANTHEMUM O (SHASTA DAISY)

Leucanthemum x superbum

DARWIN PERENNIALS

'WHITECAP'



Height: 14 to 16 in. (36 to 41 cm) Bloom Months: March to October USDA Hardiness Zones: 5a to 9a PP33,605

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'

WALTERS GARDENS



'CREAM PUFF'



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'



_eucanthemum 'Seventh Heaven'



Leucanthemum Freak!



Leucanthemum Sunshine Freak!





Leucanthemum 'Ice Cream Dream'



Leucanthemum 'Becky'

Leucanthemum Ooh La 'LaCrosse'

Leucanthemum Ooh La 'LaSpider'

LEUCANTHEMUM O (SHASTA DAISY)

Leucanthemum

WALTERS GARDENS

WaltersGardens 'SEVENTH HEAVEN'

Height: 22 in. (56 cm) Bloom Months: July USDA Hardiness Zones: 5a to 9b PPAF

Lemon-yellow buds open to substantial 4-in. (10-cm), creamy white flowers. Very full blooms have multiple layers of petals.

MUST HAVE PERENNIALS MUST HAVE

SUNSHINE FREAK!

Height: 10 to 12 in. (25 to 30 cm) Bloom Months: April to August USDA Hardiness Zones: 5a to 8b '03597-2' PP32 121

Cheerful, light yellow daisy flowers lighten as they mature from cream yellow to white. Creates an interesting multi-colored display as plants bloom throughout the season.

LEUCANTHEMUM O (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.

MUST HAVE PERENNIALS MUST HAVE

FREAK!®

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.

WALTERS GARDENS



'ICE CREAM DREAM'



Height: 12 in. (30 cm) **Bloom Months:** July to August USDA Hardiness Zones: 5a to 9b PP34,053

Intense yellow buds open cream and expand to be near white, fully double, pompom-like flowers with small yellow centers. The flowers are 2.5 to 3 in. (6 to 8 cm) wide and totally cover the compact habit of dark green foliage.

Florensis FLORENSIS, B.V.

OOH LA™ SERIES



×

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, trumpetshaped, white petals. '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 Spellbook Lumos

Leucanthemum 'Santé'

LEUCANTHEMUM O (SHASTA DAISY)

Leucanthemum x superbum

DARWIN PERENNIALS

'SANTÉ'

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

Impressively hardy variety of a perennial garden classic!

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

'SNOWCAP'

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.

ALTMAN SPECIALTY PLANTS, INC. SPELLBOOK™ LUMOS

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. trademark of Altman Specialty Plants, Inc.

WALTERS GARDENS



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SPOONFUL OF SUGAR'

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.



Leucanthemum 'Spoonful of Sugar'







Lithodora 'Grace Ward'



Lithodora 'Heavenly Blue'



Lysimachia 'Goldilocks'



Lysimachia 'Alexander'

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.

'WHITE STAR'

Height: 4 to 6 in. (10 to 15 cm) Bloom Months: May to June USDA Hardiness Zones: 6a to 8b PP20,078

Neat, compact, bright green cushions with white-striped, bright blue flowers.

LYCHNIS (RAGGED ROBIN)

Lychnis flos-cuculi

MUST HAVE PERENNIALS MUST HAVE **PETITE JENNY**

Height: 12 to 14 in. (30 to 36 cm) Bloom Months: May to June USDA Hardiness Zones: 5a to 7b

'Lychjenpet' PP27,495

Double-flowered dwarf variety forms compact, bushy clumps with masses of soft lavender-pink blooms.

MUST HAVE PERENNIALS MUST HAVE 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 🕒 🕕 (LOOSESTRIFE) Lysimachia punctata

PLANTHAVEN INT'L, INC.

'ALEXANDER'

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

DARWIN PERENNIALS

'NIGHT LIGHT'



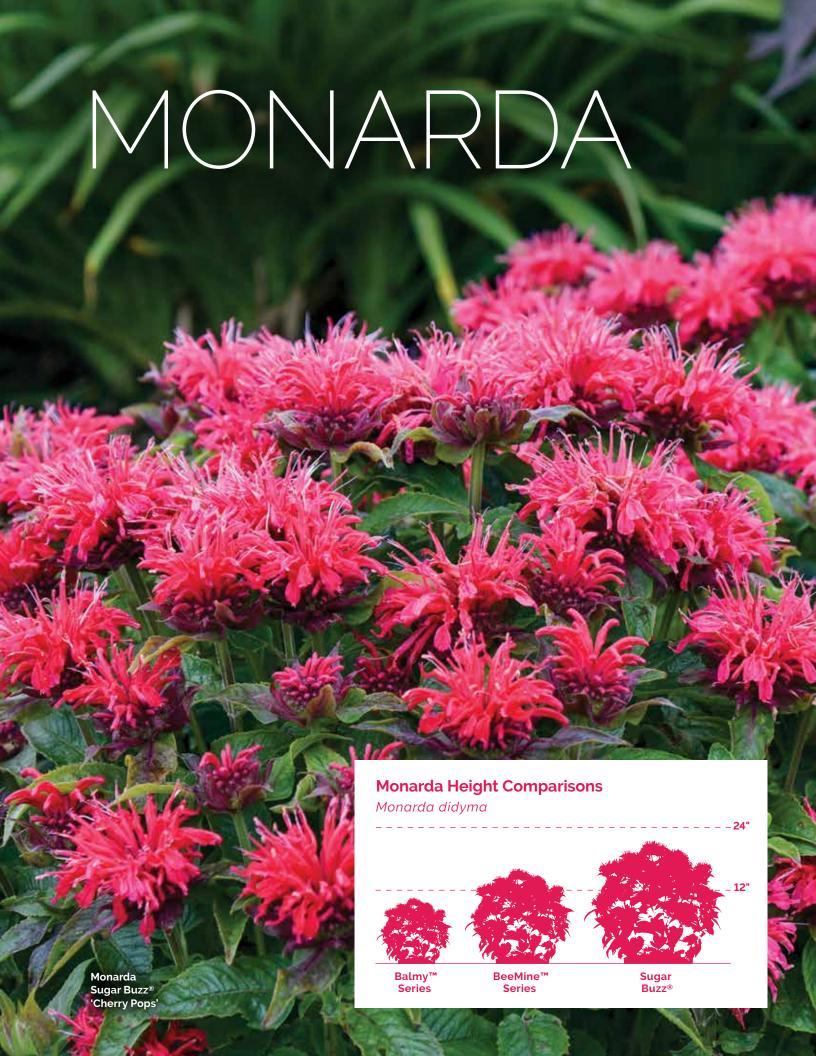
FirstYearFloweringTool.com for easy scheduling

Height: 10 to 12 in. (25 to 30 cm) Bloom Months: Year round, depending on location USDA Hardiness Zones: 5a to 9a PP33 931

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

Shade-loving, flowering groundcover.





MONARDA 🕒 🜗 (BEE BALM, BERGAMOT) Monarda didyma

DARWIN PERENNIALS

BALMY™ SERIES **→ ⊗ ×**



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

- 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 'Balbalmos366'

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













DARWIN PERENNIALS

BEEMINE™ SERIES





FirstYearFloweringTool.com for easy scheduling

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

- High disease resistance to mildew.
- Deer and rabbit resistant.
- · Uniform first year flowering.



Lavender

'Balbeemav' PP33,915 Pink 'Balbeemin' PP33,916

Red 'Balbeemed' PP33,917

Excellent early-flowering, medium-height Monarda.



Lavender (also pictured left)









Monarda Sugar Buzz 'Cherry Pops'



Monarda Sugar Buzz 'Blue Moon'



Monarda Sugar Buzz 'Bubblegum Blast'

MONARDA 🔵 🕕 (BEE BALM, BERGAMOT)

Monarda didyma

WALTERS GARDENS

SUGAR BUZZ® SERIES



Height: Varies by variety **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.

'Blue Moon' Height: 20 in. (51 cm) Lavender-blue flowers are held by attractive, purple bracts. A breakthrough shorter height for this color. PP29,549

'Bubblegum Blast' Height: 24 in. (61 cm) Hot pink flowers. PP27,497

TOP SELLER 'Cherry Pops' Height: 20 in. (51 cm) Cherry-red flowers. PP27,618

'Grape Gumball' Height: 20 to 24 in. (51 to 61 cm) Vibrant magenta flowers. PP27,498

'Pink Frosting' Height: 14 to 16 in. (35 to 41 cm) Pastel pink flowers form a carpet of blossoms that completely cover the foliage. PP29,548

'Rockin' Raspberry' Height: 20 in. (51 cm) Deep raspberry-purple flowers. PP28,752

SUGAR BUZZ is a registered U.S. trademark of

'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.

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.



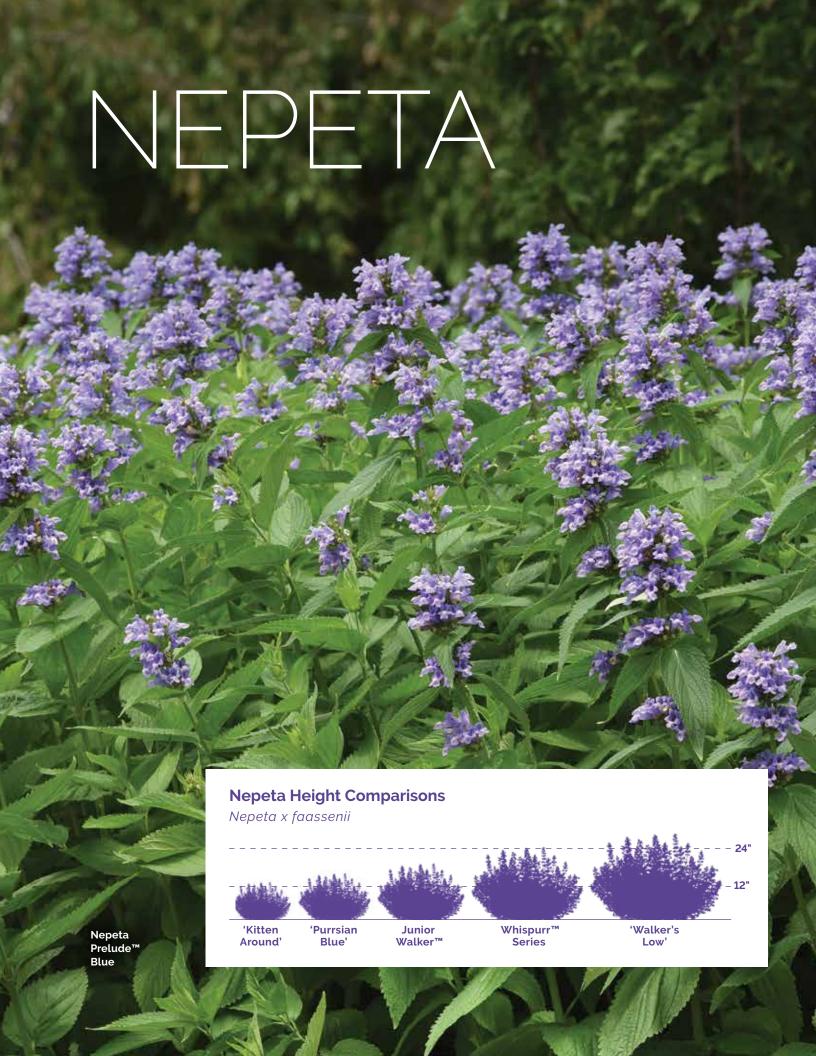
Monarda Sugar Buzz 'Grape Gumball'



Monarda Sugar Buzz 'Pink Frosting'



Monarda Sugar Buzz 'Rockin' Raspberry'



NEPETA 🜕 (CATMINT) Nepeta x faassenii

DARWIN PERENNIALS

WHISPURR™ SERIES





FirstYearFloweringTool.com for easy scheduling

Height: 24 to 28 in. (61 to 71 cm) Bloom Months: April to September USDA Hardiness Zones: 4a to 9a

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



'Balpurrlu' PP33,042

Pink 'Balpurrink' PP33,184

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









Nepeta 'Blue Wonder'

Nepeta 'Picture Purrfect'



WALTERS GARDENS



'PICTURE **PURRFECT**



Height: 10 to 12 in. (25 to 30 cm) **Bloom Months:** June to September USDA Hardiness Zones: 3a to 8b PP34,502

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

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.

WALTERS GARDENS



'KITTEN AROUND'



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

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

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 'Kitten Around'



Nepeta Junior Walker



Nepeta 'Purrsian Blue'

WALTERS GARDENS



'PURRSIAN BLUE'



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: periwinkleblue flowers with dark purple calyxes are produced for months.

NEPETA O (JAPANESE CATMINT) Nepeta subsessilis

DARWIN PERENNIALS

PRELUDE™ SERIES





FirstYearFloweringTool.com for easy scheduling

Height: 28 to 36 in. (71 to 91 cm) Bloom Months: March to September USDA Hardiness Zones: 4a to 9a

- Scales to 3 ft. in the second year.
- · Features a long flowering season.
- Minty fragrance attracts pollinators.
- · Ideal for 2.5-qt. and 1-gal. pot sizes.

Blue 'Balneplud' PP31,901

Purple Non-fading, dark purple blooms on an excellent mounding habit. 'Balprelurp' PP33,997

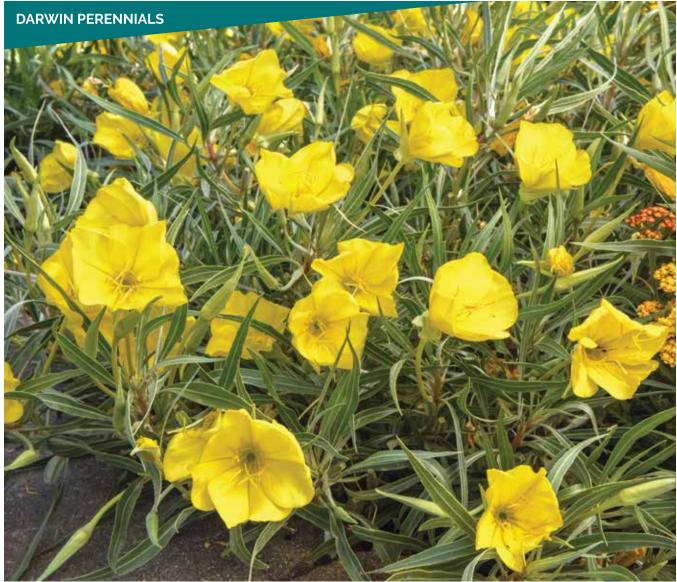
First-year-flowering, robust plant in the landscape with large flowers and medium controlled habit.





Purple (also pictured right)



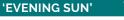


Oenothera 'Evening Sun'

OENOTHERA 🕒 (MISSOURI EVENING PRIMROSE)

Oenothera missouriensis

DARWIN PERENNIALS





Height: 3 to 6 in. (8 to 15 cm) Bloom Months: March to October USDA Hardiness Zones: 5a to 9b PP35,065

Bright yellow flowers create striking displays against silvery green foliage.

- · Flowers open in the afternoon and bloom throughout the night, attracting butterflies and moths.

 North American native is tolerant
- of a wide range of soil types.

 Drought tolerant once
- established and low maintenance.
- Requires less chemicals and features less shrink for simplified production.

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 'Siskiyou'

PENSTEMON O (BEARD TONGUE)

Penstemon barbatus

DARWIN PERENNIALS

ROCK CANDY® SERIES





FirstYearFloweringTool.com for easy scheduling

Height: 12 in. (30 cm)

Bloom Months: April to September USDA Hardiness Zones: 5a to 8b

- · 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.

TOP SELLER Blue

'Novapenblu' PP27,786

Light Pink 'Novapenlig' PP27,787 Pink 'Novapenpin' PP26,701 Purple Features a strong purple flower. 'Balrocurp' PPAF Ruby 'Novapenrub' PP27,820

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



Light Pink











PENSTEMON OBEARD TONGUE)

Penstemon digitalis

WALTERS GARDENS



'BLACKBEARD'



Height: 28 to 34 in. (71 to 86 cm)

Bloom Months: July

USDA Hardiness Zones: 3a to 8b

PP30,052

Named for the famous 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 'Blackbeard





'ONYX AND PEARLS'



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.

Penstemon 'Onyx and Pearls'

PENSTEMON (BEARD TONGUE)

Penstemon hybrida

DARWIN PERENNIALS

'CHERRY SPARKS'





FirstYearFloweringTool.com for easy scheduling

Height: 18 to 20 in. (46 to 51 cm) **Bloom Months:** May to August USDA Hardiness Zones: 5a to 9b

- · 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.

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





PENSTEMON (BEARD TONGUE)

Penstemon hybrida

DARWIN PERENNIALS

MISSIONBELLS™ DEEP ROSE





FirstYearFloweringTool.com for easy scheduling

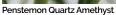
Height: 20 to 24 in. (51 to 61 cm) **Bloom Months:** June to August USDA Hardiness Zones: 5a to 9b 'Balmibepro' PP28,852

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.









Penstemon Quartz Red



Penstemon Quartz Rose

DARWIN PERENNIALS

QUARTZ® SERIES

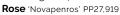


Height: 20 to 24 in. (51 to 61 cm) **Bloom Months:** July to August **USDA Hardiness Zones:** 6a to 9b

Reblooms throughout the season for high-impact color.

- · Sturdy, upright habit.
- · Good basal branching.

Amethyst 'Novapename' PP27,821 Red Vivid orange/red variety is very heat tolerant and long flowering. 'Balquared' PP32,296





Penstemon Quartz Amethyst





Perovskia 'Prime Time'

PEROVSKIA 🖯 (RUSSIAN SAGE)

Perovskia

WALTERS GARDENS



Height: 30 to 36 in. (76 to 91 cm) **Bloom Months:** July to September USDA Hardiness Zones: 4a to 9b PP34,304

Early season bloomer with dusky purple calyxes that hold blue flowers. Calyxes remain colorful well into Fall, giving the appearance that the plant is still in bloom after flowering has ended.

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.

DARWIN PERENNIALS

LITTLE LACE



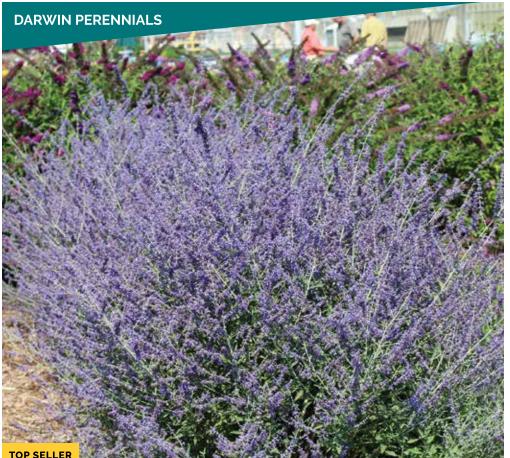
Height: 18 to 24 in. (46 to 61 cm) **Bloom Months:** July to September USDA Hardiness Zones: 4a to 9b 'Novaperlac' PP26,618

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



PEROVSKIA (RUSSIAN SAGE)
Perovskia atriplicifolia

DARWIN PERENNIALS

'CRAZYBLUE' Y 🗸 🛞 🛠



Height: 28 to 30 in. (71 to 76 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.

Perovskia 'CrazyBlue'



WALTERS GARDENS



'BLUE JEAN BABY'



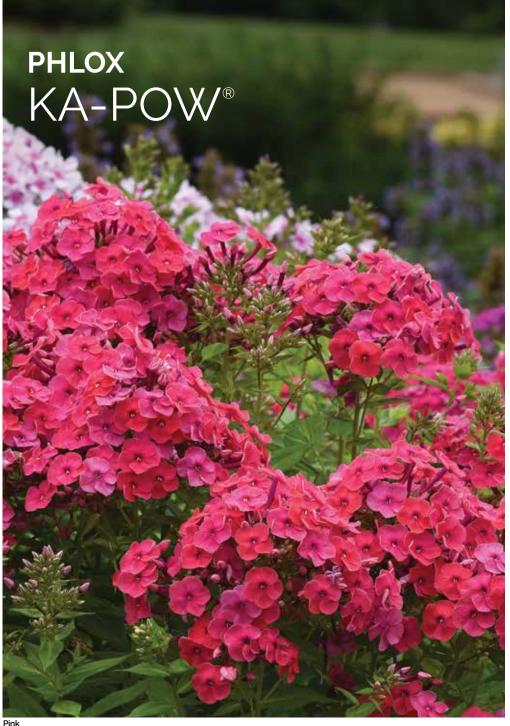
Height: 28 to 34 in. (71 to 86 cm) **Bloom Months:** August **USDA Hardiness Zones:** 4a to 9b PP29,281

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 'Blue Jean Baby'

Phlox Height Comparisons Phlox paniculata 36" 24" 12" Super Ka-Pow™ Series Fashionably Early Ka-Pow® Series Garden Girls NEW Phlox Spring Splash™ Violet



PHLOX (HYBRID PHLOX) Phlox paniculata

DARWIN PERENNIALS

KA-POW® SERIES





FirstYearFloweringTool.com for easy scheduling

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

- 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

Soft Pink Clear soft pink color. 'Balkaposin' PP33,770

White Early-flowering, clear white flower with a slight blush-pink center. 'Balkapowi' PP33,023

White Bicolor 'Balkapowibi' PP30,782

Ka-Pow packs a punch! An abundance of flowers in late Spring through Summer.











PHLOX 🜕 (HYBRID PHLOX) Phlox paniculata

DARWIN PERENNIALS

SUPER KA-POW™ SERIES



PHLOX



FirstYearFloweringTool.com for easy scheduling

Height: 18 to 20 in. (46 to 51 cm) **Bloom Months:** June to August USDA Hardiness Zones: 4b to 9a

- 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.

Blue 'Balsukalu' PP33,885 Coral 'Balsukaco' PP33,863 TOP SELLER Fuchsia Bright fuchsia-pink color. 'Balsukafus' PP33,005

Lavender

Vibrant lavender flowers. 'Balsukalav' PP33,022

Pink Striking pink blooms. 'Balsukapin' PP33,188

White White flower with a blush-pink eye. 'Balsukawi' PP33,187

Super-sized for more power!















Lavender

Coral



PHLOX (HYBRID PHLOX)

Phlox paniculata

WALTERS GARDENS



FASHIONABLY EARLY SERIES



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.

TOP SELLER Crystal (pictured left) Pure white flowers with a faint, light purple eye and broad, dark green foliage. PP28.679

Flamingo Perfectly defined panicles of light lavender-pink flowers with broad, thick, bright green foliage. PP29,911

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

Princess Light fuchsia-pink flowers with a darker pink eye cover broad, thick, glossy green foliage. PP28,680



'Fashionably Early Flamingo'



'Fashionably Early Lavender Ice'



'Fashionably Early Princess'



WALTERS GARDENS



GARDEN GIRLS™ COLLECTION



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

NEW 'Dream Girl' Height: 30 to 36 in. (76 to 91 cm) Long blooming with impactful height. Disease-resistant foliage stays nice all season. Reblooms without deadheading. PPAF

'Fancy Girl' Height: 24 to 30 in. (61 to 76 cm) Upright stems hold soft pink blooms with dark eyes that appear for many weeks. Medium green foliage is mildew resistant. PPAF

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

'Material Girl' Height: 36 to 38 in. (91 to 97 cm) Rich fuchsia-pink flowers are held high on perfectly formed panicles. Medium green foliage is mildew resistant. PPAF

'Party Girl' Height: 28 to 32 in. (71 to 81 cm) Tall garden Phlox proudly displays its dark green foliage well into Fall. Features white flowers with star-shaped, light pink centers. PP32,324

'Uptown Girl' Height: 32 to 42 in. (81 to 107 cm) A rose-pink companion to the Garden Girls collection, with matching disease resistance and impressive reblooming. PP32,287

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







Phlox 'Baby Doll White'



Phlox 'Baby Doll Pink'

Phlox 'Bright Eyes'

Phlox 'Laura'







BABY DOLL SERIES

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

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 flowers form a mass of blooms on top of the dark green foliage.

Pink PP32,025 White PP33,487





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.





Phlox 'Starfire

Phlox 'Norah Leigh'

'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.

'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.

PHLOX (HYBRID PHLOX)

Phlox hybrida

DARWIN PERENNIALS
NEW FOR 2025

SPRING SPLASH™ SERIES

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

- High-impact color for early season sales.
- · Nice, low, mounding habit.
- Vernalize for best and earliest flowering.

blooms 'Balsashink' PPAF

Lilac (pictured right) Tidy, lilaccolored blooms. 'Balsashac' PPAF Pink Features excellent flower coverage with pretty pink

Violet Violet blooms are great for low garden borders. 'Balsashet' PPAF

Keeps benches in bloom after Phlox *subulata* and before *divaricata*.



Pink



Violet





Phlox 'Blue Moon'



Phlox 'May Breeze'





Phlox 'Bedazzled Lavender'



Phlox 'Bedazzled Pink'



Phlox Paparazzi Jagger

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 🜕 (CREEPING PHLOX) Phlox hybrid

CHICAGOLAND GROWS, INC. 'VIOLET PINWHEELS'

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 🕒 (HYBRID PHLOX)

Phlox hybrida

WALTERS GARDENS



BEDAZZLED SERIES

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

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

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

Pink '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



Phlox Paparazzi Angelina



Phlox 'Amazing Grace'





Phlox 'Crimson Beauty



Phlox 'Drummond's Pink'



Phlox 'Emerald Cushion Blue



Phlox 'Emerald 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.

'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.

'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.

'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.

'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.



Phlox 'Red Wings'



Phlox 'Snowflake'



Phlox 'Eye Candy'



Phlox 'Eye Caramba'



Phlox 'Eye Shadow'



Phlox 'Fort Hill'



Phlox 'Purple Beauty



Phlox 'Scarlet Flame'



Phlox 'White Delight'

WALTERS GARDENS

'EYE CANDY'

Height: 4 to 6 in. (10 to 15 cm) **Bloom Months:** May **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.

WALTERS GARDENS
'EYE CARAMBA'

WaltersGarden

Walters Gardens

Height: 4 to 6 in. (10 to 15 cm) **Bloom Months:** May

USDA Hardiness Zones: 2a to 9b

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

WALTERS GARDENS

WaltersGardens

'EYE SHADOW'

Height: 4 to 6 in. (10 to 15 cm) Bloom Months: May USDA Hardiness Zones: 2a to 9b

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

'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.

'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.

'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 'Miss Manners'



Prunella 'Summer Daze'

PHYSOSTEGIA 🖯 (OBEDIENT PLANT, FALSE DRAGONHEAD)

Physostegia virginiana

PLANTHAVEN INT'L, INC.

'MISS MANNERS'

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

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

PRUNELLA 🔵 (SELF-HEAL)

Prunella hybrid

PLANTHAVEN INT'L, INC.

'SUMMER DAZE'

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.

RUDBECKIA 🜕 (BLACK-EYED SUSAN)

Rudbeckia speciosa

MUST HAVE PERENNIALS MUST HAVE

'VIETTE'S LITTLE SUZY'

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 blooms on sturdy stems. Lovely 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: 1 to 3 in. (3 to 8 cm) Bloom Months: May to June USDA Hardiness Zones: 4a to 9b

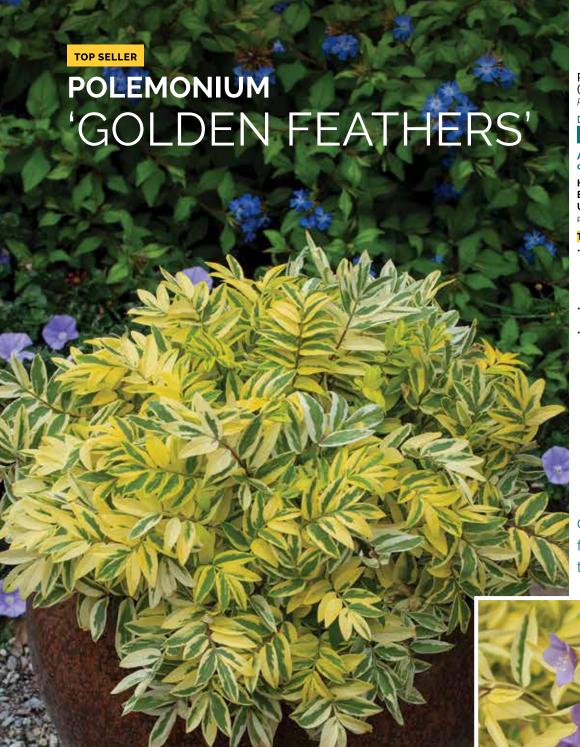
Solid green, tight grower with small, white flowers.



Sagina 'Aurea'



Sagina Irish Moss



POLEMONIUM (JACOB'S LADDER)

Polemonium pulcherrimum

DARWIN PERENNIALS 'GOLDEN FEATHERS'



Available as tissue culture-raised liners

Height: 6 to 8 in. (15 to 20 cm) **Bloom Months:** April to June **USDA Hardiness Zones:** 5b to 9a PP35,067

TOP SELLER

- This unique Polemonium stands out against the competition, providing growers with more options for the shade and increased sell-through at retail.
- Produces bluish-purple flowers from late Spring to Summer.
- Great accent plant in rock gardens, landscapes and small containers.

Golden variegated foliage brings innovation to the shade.





SALVIA 🜕 (SAGE)

Salvia nemorosa

DARWIN PERENNIALS

'SKY BLUE MARVEL'





FirstYearFloweringTool.com for easy scheduling

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 one of the largest flowers of 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'

DARWIN PERENNIALS

'BLUE MARVEL'





FirstYearFloweringTool.com for easy scheduling

Height: 14 to 16 in. (36 to 41 cm) Bloom Months: March to September USDA Hardiness Zones: 4a to 9b CPBR5343; PP27,018

One of the largest flowers of any Salvia 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'



SALVIA 🜕 (SAGE) Salvia nemorosa

DARWIN PERENNIALS

LYRICAL™ SERIES





FirstYearFloweringTool.com for easy scheduling

Height: 22 to 24 in. (56 to 61 cm) **Bloom Months:** March to September USDA Hardiness Zones: 4a to 9b

- 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

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

Blues











Salvia Sensation Compact Deep Blue

Salvia Sensation Compact Sky Blue

SALVIA 🜕 (SAGE)

Salvia nemorosa

FLORENSIS, B.V.

SENSATION® COMPACT SERIES *****

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 Bright Rose 'Florsalbro' PP26,728 Sky Blue 'Florsalsbu'

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

FLORENSIS, B.V.

Florensis

Florensis

SENSATION® MEDIUM DEEP ROSE



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.

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



Salvia Sensation Compact Bright Rose



Salvia Sensation Medium Deep Rose





Salvia 'Bumbleblue'



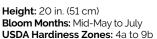
Salvia 'Bumblesky

Salvia 'Bumbleberry'



Salvia nemorosa

'BLUE HILL'



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

WALTERS GARDENS



'BUMBLEBERRY'

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

TOP SELLER

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.

WALTERS GARDENS 'BUMBLEBLUE'



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.

WALTERS GARDENS



'BUMBLESKY'



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.

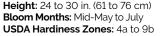
WALTERS GARDENS 'BUMBLESNOW'



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'



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

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'

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 'Bumblesnow'



Salvia Fashionista 'Ballerina Pink'



Salvia Fashionista 'Evening Attire'



Salvia Fashionista 'Midnight Model'



Salvia Fashionista 'Moulin Rouge'



Salvia 'Furman's Red'



Salvia 'Black & Blue'



Salvia 'Santa Barbara'



Salvia 'East Friesland'



Salvia May Night

SALVIA 0 (SAGE)

Salvia greggii

PLANT SELECT 'FURMAN'S RED'

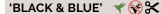


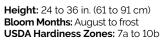
Height: 12 to 20 in. (30 to 51 cm) **Bloom Months:** Mid-May to July USDA Hardiness Zones: 7a to 9b

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



Salvia guaranitica





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



'SANTA BARBARA'

Height: 24 to 36 in. (61 to 91 cm) Bloom Months: Mid-May to July USDA Hardiness Zones: 8b to 10b

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



Salvia x sylvestris

'EAST FRIESLAND'



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

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.

SALVIA 0 (SAGE)

Salvia pratensis

WALTERS GARDENS

FASHIONISTA® SERIES



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 calyxés. PP29,957 'Evening Attire' Droughttolerant, blue variety. PP32,573

'Midnight Model' Striking violetblue 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



Salvia 'Snow Hill'

SALVIA 🜕 (SAGE)

Salvia greggii

DARWIN PERENNIALS







FirstYearFloweringTool.com for easy scheduling

Height: 12 to 14 in. (30 to 36 cm) **Bloom Months:** March to September USDA Hardiness Zones: 7a to 9b

- · 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' PP33,036

Burgundy 'Balmirbur' PP28,537

TOP SELLER Cherry Red

'Balmircher' PP28,527

TOP SELLER Deep Purple

'Balmirdepur' PP28,538 Hot Pink 'Balmirhopi'

Pink 'Balmirpink'



Rose Bicolor

Large, rose and cream bicolor flowers with a rounded habit. Retains its color in the heat. 'Balmirrobi' PP33,084

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'

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

SALVIA MIRAGE™





SALVIA 🜕 (SAGE)

Salvia greggii

DARWIN PERENNIALS

'RADIO RED'





FirstYearFloweringTool.com for easy scheduling

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.

- · 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.



Salvia 'Radio Red'

SALVIA O (SAGE)

Salvia hybrida

DARWIN PERENNIALS

ARCTIC BLAZE® SERIES





FirstYearFloweringTool.com for easy scheduling

Height: 24 in. (61 cm) **Bloom Months:** March to September **USDA Hardiness Zones**: 6a to 11

- 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







Salvia Arctic Blaze Fuchsia

Salvia Arctic Blaze Purple

Salvia Arctic Blaze Red



SAXIFRAGA 🕒 🜗 (ROCKFOIL)

Saxifraga x arendsii FLORENSIS, B.V.

NEW FOR 2025

Florensis

MARTO™ SERIES

Height: 4 to 6 in. (10 to 15 cm) **USDA Hardiness Zones:** 4a to 9b

- Displays masses of flowers from March to June.
- · Higher cold tolerance means more forgiveness in early frosts.

 • Vernalize for best and
- earliest flowering.

Hot Rose Boasts plenty of pink flowers with yellow eyes.
'FLORSAXHRO'

Red Produces red flowers with yellow eyes. 'FLSAX19605'

Red Picotee Look for loads of pink and white flowers with yellow eyes. 'FLORSAXPR1'

Rose (pictured left) Features long-lasting pink flowers. 'FLORSAXROSE1'

MARTO is a U.S. Trademark of Florensis B.V. Darwin Perennials is the exclusive distributor of Florensis genetics in North America.



Hot Rose





Red Picotee

SCABIOSA 🔾 🕕 (PINCUSHION FLOWER)

Scabiosa columbaria

DARWIN PERENNIALS





FirstYearFloweringTool.com for easy scheduling

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

- · 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 'Balfluttdelu' PP28,043 Pure White Stunning, pure-white variety is a unique color for the market. Self-cleaning and long-flowering. 'Balflutturite' PP30,119

Rose Pink (pictured right) 'Balfluttropi' PP27,809

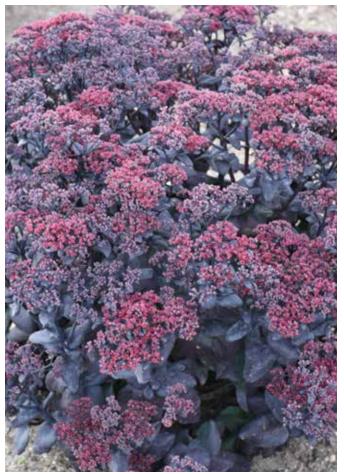
Compact habit and shorter peduncles for easier shipping and showing!





Pure White









Sedum 'Steel the Show



Scabiosa 'Butterfly Blue'



Scabiosa 'Pink Mist

SCABIOSA 💛 🕕 (PINCUSHION FLOWER) Scabiosa columbaria

'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 O (STONECROP) Sedum

WALTERS GARDENS 'AFTER DARK'



Height: 18 to 20 in. (46 to 51 cm) **Bloom Months:** August to October USDA Hardiness Zones: 3a to 9b

An excellent choice for hot, dry places in the garden. Dark purple foliage appears near-black in the landscape. Garnet red flowers emerge from black buds in late Summer.

WALTERS GARDENS



'STEEL THE SHOW'

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

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

SEDUM (STONECROP)

Sedum album

'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 6 (STONECROP)

Sedum dasyphyllum

'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 'Little Miss Sunshine'

Sedum 'Night Light'

SEDUM O (STONECROP) Sedum hybrida

WALTERS GARDENS

'NIGHT LIGHT'

Height: 22 to 26 in. (56 to 66 cm) Bloom Months: August to

WaltersGardens

September USDA Hardiness Zones: 3a to 9b

'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.

SEDUM 0 (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 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.

WALTERS GARDENS



×

LITTLE MISS SUNSHINE'

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.

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 kamtschaticum





Sedum 'Ogon'



SEDUM O (CHINESE MOUNTAIN STONECROP)

Sedum middendorffianum

DARWIN PERENNIALS

'YELLOW DIAMONDS'





FirstYearFloweringTool.com for easy scheduling

Height: 7 to 10 in. (18 to 25 cm) Bloom Months: July to August USDA Hardiness Zones: 5a to 9a

- Mounding habit provides a better presentation at retail and in the garden.
- Striking color contrasts well against dark green foliage with red stems.
- Blooms late Spring to Summer.
- Deer and rabbit resistant; drought tolerant and low maintenance.

Bright yellow, star-shaped flowers cover the dense, nicely mounded habit.



SEDUM (STONECROP)

Sedum spurium

DARWIN PERENNIALS

WHAT A DOOZIE



FirstYearFloweringTool.com for easy scheduling
Height: 2 to 5 in. (5 to 13 cm)

Height: 2 to 5 in. (5 to 13 cm)
Bloom Months: July to August
USDA Hardiness Zones: 5a to 9b

'Spiraling Doozie' PP31,789

- Trialed and proven to not show any reversion – a superior trait compared to competitors.
- Variegation is stable, for less shrink and more dependable production.
- Plants gain attractive blush pink and creamy pink flowers in Fall.

Creeping groundcover with reliable, green and white variegation.





SEDUM (STONECROP)

Sedum rupestre

DARWIN PERENNIALS

PRIMA ANGELINA



Height: 3 to 6 in. (8 to 15 cm)
Bloom Months: Non-flowering
USDA Hardiness Zones: 4a to 9b

'Gold Form' 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 fastspreading sedum, with fleshy, needle-like foliage.
- · Ideal for 1 to 2.5-qt. pot sizes.

Sedum Prima Angelina



SEDUM (STONECROP)

Sedum cauticola

DARWIN PERENNIALS **NEW FOR 2025**

SHAMROCK

Height: 2 to 4 in. (5 to 10 cm) **USDA Hardiness Zones:** 3a to 9b

'FLORSEPURPJOH'

- Easy-to-grow groundcover is a delight in containers and landscapes.
- Provides a dense mat of petite foliage that carpets the landscape with green-to-chocolate brown tones and little-to-no flowering.
- An ideal addition to any groundcover and/or low-water-use program.

Sedum Shamrock



Sedum 'Night Embers'



Sedum 'Blue Spruce'



Sedum 'Angelina'

SEDUM O (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.

SEDUM 0 (STONECROP)

Sedum rupestre

'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 sedum, with fleshy, needle-like, golden yellow foliage.

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.

WALTERS GARDENS

'NIGHT EMBERS' ×

Height: 24 to 26 in. (61 to 66 cm) USDA Hardiness Zones: 3a to 9b PP29,211

Deep red stems hold semi-glossy, dark black-purple succulent leaves and clusters of light mauve-pink flowers.



Sedum 'Autumn Fire'



Sedum 'Autumn Joy



Sedum sieboldii



Sedum 'Dragons Blood'





Sedum 'John Creech'



Sedum 'Tricolor



Sedum 'Lemon Ball'



Sedum 'Vera Jameson'



Sedum 'Coral Reef

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 Sedum tetractinum

'CORAL REEF'

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

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 'Carmen'



Sempervivum 'Commander Hay'



Sempervivum 'Kalinda'



Sempervivum 'Red Beauty'



Sempervivum 'Royal Ruby'



Sempervivum 'Ruby Heart'



Sempervivum 'Silverine



Sempervivum 'Cobweb'

SEMPERVIVUM | • (HENS & CHICKS)

Sempervivum

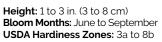
'CARMEN'



Height: 2 to 8 in. (5 to 20 cm) **Bloom Months:** June to September USDA Hardiness Zones: 3a to 8b

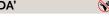
Emerald green, succulent leaves with bright red tips.

'COMMANDER HAY'



Clumps of red and green rosettes.

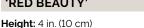
'KALINDA'



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'



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.

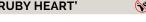
'ROYAL RUBY'



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.

(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.



Sempervivum 'Sunset'



STACHYS (LAMB'S EAR) Stachys byzantina

DARWIN PERENNIALS LITTLE LAMB



Height: 2 to 5 in. (5 to 13 cm) **Bloom Months:** June to July USDA Hardiness Zones: 4a to 8b 'Balstaclamb' PPAF

- Shorter flower stalks offer a better finish than the standard.
- · Ideal for a groundcover or smaller gardens.

A Lamb's Ear with fine. more decorative foliage.



Stachys 'Hummelo'



Solidago 'Fireworks'



Silene 'Clifford Moor



Solidago Little Lemon



'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

PLANTHAVEN INT'L, INC.

LITTLE LEMON



Height: 12 to 18 in. (30 to 46 cm) Bloom Months: July to September USDA Hardiness Zones: 4a to 9b

'Dansolitlem' 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.

TEUCRIUM 0 (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.



Stachys 'Helene Von Stein'



Stachys 'Silver Carpet'



Verbena 'Homestead Hot Pink'



Verbena 'Lollipop'



Verbena 'Homestead Purple



VERBENA 🜕 (VERVAIN)

Verbena bonariensis

MUST HAVE PERENNIALS MUST HAVE

'LOLLIPOP'

Height: 20 to 24 in. (51 to 61 cm) Bloom Months: May to frost USDA Hardiness Zones: 8a to 9b

Tender perennial has unique dwarf form with lavender-blue flowers.

VERBENA 🧶 (ROSE VERVAIN)

Verbena canadensis

DARWIN PERENNIALS

'HOMESTEAD HOT PINK'



Height: 4 to 6 in. (10 to 15 cm) Bloom Months: March to October USDA Hardiness Zones: 6b to 9a PP34,360

Hardy Verbena with a profusion of brightly colored flowers.

- · Like its namesake 'Homestead Purple,' this variety produces a carpet of color.
- 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 🔵 (SPEEDWELL) Veronica longifolia

FLORIUS PLANTS BV

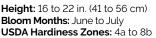
FIRST GLORY

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.

FLORIUS PLANTS BV

FIRST LADY



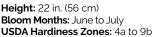
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'Alllady' PP23,271

Sturdy, compact plant with white flower spikes; vernalization not required.

FLORIUS PLANTS BV

FIRST LOVE



'Alllove' PP21,478

Uniform, well-branched plants with short spikes of brilliant pink flowers; excellent flower canopy without vernalization.



Veronica First Glory



Veronica First Ladv



Veronica First Love

VERONICA (LONG-LEAF SPEEDWELL) Veronica hybrid

DARWIN PERENNIALS

SKYWARD™ **SERIES**





FirstYearFloweringTool.com for easy scheduling

Height: 14 to 18 in. (36 to 46 cm) **Bloom Months:** April to September USDA Hardiness Zones: 4b to 9a

- · Durability ensures plants grow and ship without breakage, for more salable plants.
- Naturally compact habit reduces the need for additional pinching or PGRs - keeping labor and chemical costs down.
- · Powdery mildew resistant.
- · This pollinator plant boasts a high flower count and continuous blooming - for a beautiful presentation in the garden.

Blue (pictured right) 'Balskywlue' PP34,922

NEW Lilac Dramatic lilac-colored spikes on sturdy stems continue to reach skyward late into the season. 'Balskywac' PPAF

Pink 'Balskywink' PP34,890

Skyward's dense, compact habit and sturdy stems make it a premium product.









VERONICA (SPIKE SPEEDWELL)

Veronica hybrida

DARWIN PERENNIALS

MOODY BLUES **♥⊗**% SERIES



FirstYearFloweringTool.com for easy scheduling

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

- Excellent 2.5-qt. and 1-gal. 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.

Dark Blue Improved Offers a more upright habit that is ideal for container production. The flower spikes are also longer and in a deeper, more saturated blue color, providing a better color impact. 'Balmoodluim' PPAF

Dark Pink A long-flowering, deep pink variety. 'Balmoodink' PP31,832



'Balmoomaui' PP31,833

Pink 'Novaverpin' PP25,748 Sky Blue 'Novaversky' PP27,835 White 'Novaverwhi'

Compact series of first-year-flowering Veronica.











Dark Blue Improved



Veronica 'Da Vinci Delight'



Veronica Venice Blue



Veronica 'Blue Skywalker'



Veronica 'Perfectly Picasso

VERONICA 🔵 (SPIKE SPEEDWELL)

NEW FOR 2025

'DA VINCI **DELIGHT**



Height: 18 to 20 in. (46 to 51 cm) USDA Hardiness Zones: 4a to 8b

- · This nicely rounded rosy-purple Veronica is perfect for the front of borders.
- · A long-blooming, easy-care perennial.

VERONICA 🜕 (SPEEDWELL) Veronica austriaca

FLORENSIS, B.V.

Florensis

VENICE BLUE



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

'Florverblue' PP27,555

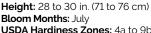
Easy-to-grow Veronica makes an excellent season extender! It requires less vernalization than other austriaca types; features strong, upright stems for outstanding show at retail and in the garden. Plus, this early Springflowering variety loves the heat.

VERONICA 🛑 (SPEEDWELL) Veronica longifolia

WALTERS GARDENS



'BLUE SKYWALKER'



USDA Hardiness Zones: 4a to 9b PP29,406

TOP SELLER

This taller perennial provides height in the garden without too much horizontal space. Lavenderblue flower spikes cover the top half of an incredibly upright, dense habit of dark green leaves.

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.

WALTERS GARDENS

REMBRANDT'

'ROYAL



WaltersGardens

Height: 18 to 20 in. (46 to 51 cm) **Bloom Months: July** USDA Hardiness Zones: 4a to 9b

Discover your new Speedwell staple! Violet-purple flowers cover the top half of the plant, showcasing its dark green foliage. A remontant variety; shearing will encourage reblooming later in the season.

WALTERS GARDENS



VERY VAN GOGH'



Height: 18 to 20 in. (46 to 51 cm) **Bloom Months:** July USDA Hardiness Zones: 4a to 8b

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 'Royal Rembrandt'



Veronica 'Very Van Gogh'



Veronica 'Purpleicious'



Veronica 'Purple Leia'



Veronica 'Georgia Blue



Veronica 'Whitewater'

VERONICA (SPIKE SPEEDWELL) Veronica hybrida

WALTERS GARDENS

'PURPLE LEIA'

Height: 28 to 30 in. (71 to 76 cm) **Bloom Months:** July to August **USDA Hardiness Zones:** 4a to 8b

'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

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 O (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.

CHICAGOLAND GROWS, INC.

'WHITEWATER'



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 'Lavender Lightsaber'



Veronica 'Sunshine'

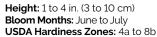


Veronica Royal Candles

VERONICA 🜕 (CREEPING SPEEDWELL)

Veronica repens

'SUNSHINE'



Groundcover type; creeping with white blooms on gold foliage.

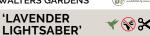
VERONICA 🛑 (SPEEDWELL) Veronica spicata

'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.

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.

'RED FOX'



Bloom Months: June to September USDA Hardiness Zones: 3a to 8b

Produces rose-red spikes in Summer.

PLANTHAVEN INT'L, INC.

ROYAL CANDLES

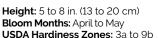


Height: 15 to 18 in. (38 to 46 cm) **Bloom Months:** June to August USDA Hardiness Zones: 4a to 8b 'Glory

Long-blooming, dwarf variety with solid, conical spikes of bright violet-blue flowers.

VINCA 🕛 🌑 (MYRTLE) Vinca minor

BOWLES **CUNNINGHAM'**



Also known as 'Bowles.' Vigorous, spreading variety has thick, glossy leaves and sky blue flowers that are darker than standard V. minor.

PLANTHAVEN INT'L, INC. 'ILLUMINATION'

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

Popular, low-growing, evergreen groundcover has variegated foliage and small, light lavenderblue flowers in Spring.



Vinca 'Bowles Cunningham'



Vinca 'Illumination'



Viola Celestial Northern Lights



Viola Celestial Starry Night



Viola Celestial Twilight



Viola 'Etain'



Viola 'Rebecca Cawthorne'

VIOLA (VIOLET) Viola cornuta

PLANTHAVEN INT'L, INC. CELESTIAL™ SERIES

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,

'ETAIN'

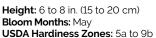
Height: 8 to 10 in. (20 to 25 cm) Bloom Months: February to October USDA Hardiness Zones: 5a to 10b

*

Compact variety flowers profusely in Spring and Fall with large, fragrant, bicolor blooms.



'REBECCA CAWTHORNE'



×

Fragrant, purple flowers splashed with white; sporadic reblooming.



VIOLA 💛 🕕 (VIOLET) Viola cornuta

DARWIN PERENNIALS

HALO SERIES





Height: 8 to 10 in. (20 to 25 cm) **Bloom Months:** February to October **USDA Hardiness Zones**: 4b to 9b

- · Very heat tolerant.
- Oversummers and overwinters.
- · Larger flowers than Celestial.

Golden Yellow PP30,900 Lemon Frost Extra-large, two-toned flowers captivate customers for early sales. PP26,383

Lilac CPBR4837; PP24,542 **Sky Blue** CPBR4838; PP24,541

TOP SELLER Violet CPBR4839; PP24,428

Excellent hardiness for long-lasting

garden enjoyment.



'Halo Sky Blue'







'Halo Lemon Frost'



'Halo Lilac'



'Halo Violet'

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 4 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
- ${\boldsymbol{\cdot}}$ 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	MIST	
20	ACHILLEA Achillea hybrida	Moon Dust	EC 1.0-1.25 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	Low to moderate	
18	ACHILLEA Achillea millefolium	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	Low to moderate	
16	ACHILLEA Achillea millefolium	New Vintage™ Series	EC 1.0-1.25 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	Low to moderate	
22	AGASTACHE Agastache rugosa	'Little Adder'	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low to moderate	
21	AGASTACHE MEXICANA Agastache mexicana	Summerlong™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low to moderate	
26	ALYSSUM Alyssum wulfenianum	'Golden Spring'	EC 0.80-1.0 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low	
27	ARMERIA Armeria pseudarmeria	Dreameria® Series	EC 0.80 mmhos/pH 5.8-6.2	70-74°F (21-23°C)	2,500 ppm IBA	Low	
29	ARTEMISIA Artemisia gmelinii	SunFern™ Arcadia, SunFern™ Olympia	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low to moderate	
30	BRUNNERA Brunnera macrophylla	'Frostbite', Frostline, Permafrost	EC 0.75-0.80 mmhos/pH 5.8-6.2	68-72°F (21-22°C)	None	Low mist or tenting	
31	BUDDLEIA Buddleia hybrid	Chrysalis™ Series	EC 0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low to moderate	
35	CARYOPTERIS Caryopteris x clandonensis	'Emerald Crest', 'Gold Crest'	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000-3,000 ppm IBA	Low to moderate	
35	CARYOPTERIS Caryopteris x clandonensis	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	Low to moderate	
34	CENTAUREA Centaurea ragusina	Silver Swirl	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low to moderate	
36-37	COREOPSIS Coreopsis hybrida	'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	Moderate	
38	COREOPSIS Coreopsis verticillata	Crème Caramel	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	Low	
39	DELOSPERMA Delosperma hybrida	Ocean Sunset™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Very low	
41	DELPHINIUM Delphinium x hybrida	'Red Lark'	5.8-6.2	68-72°F (21-22°C)	None	Low mist or tenting	
43	DIANTHUS Dianthus hybrida	Pink Carpet, Pink PomPom, Pink Twinkle, Red Garnet, Rose Bouquet, Ruby Glitter, Ruby Snow, Silver Strike, White Twinkle	EC 0.80 mmhos/pH 5.8-6.2	68-70'F (20-21'C)	500 ppm IBA	Very low	
44	DIGITALIS Digitalis hybrida	Arctic Fox™ Series	EC 0.75-0.80 mmhos/pH 6.0-6.4	70-72°F (21-22°C)	1,000 ppm IBA basal dip	Low to moderate	
46	ECHINACEA Echinacea x hybrida	Double Scoop™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	72-78°F (21-24°C)	None	Low; prefers high humidity to mist	
47	ECHINACEA Echinacea x hybrida	Sombrero Poco™ Series, Sombrero® Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	72-78°F (21-24°C)	None	Low; prefers high humidity to mist	
50	ERYSIMUM Erysimum linifolium	'Bowles Me Away'	EC 0.80 mmhos/pH 5.8-6.2	68-70°F (20-21°C)	500 ppm IBA	Low	

Go to ${\it FirstYearFloweringTool.com}$ to find the most current information in our interactive culture guide.



FERTILIZATION	PINCHING	TRANSPLANTING	COMMENTS
50-75 ppm N	Not necessary, remove	28-35 days after sticking	Do not over-mist.
	premature flowers.	g	
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.
50-75 ppm N	Not necessary, remove premature flowers.	28-35 days after sticking	Do not over-mist.
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.
50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	Recommended after roots are established. Leave 4-5 active internodes.	Stick cuttings the day of arrival, if possible.
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.
100 ppm N starting at Day 7	Not necessary.	42-45 days after sticking	Ouite 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.
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.
Balanced fertilizer 75-100 ppm	None	7-8 weeks	This is a tissue culture raised item. Please see our detailed tissue culture propagation guide at darwinperennials.com. This item is generally a Summer propagated item. Excessive heat can cause losses.
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.
50-75 ppm N	Pinch once in the liner stage.	35-42 days after sticking	Discontinue mist as quickly as possible once rooting occurs.
50-75 ppm N	Pinch once in the liner stage.	35-42 days after sticking	Discontinue mist as quickly as possible once rooting occurs.
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. Saturated media will delay rooting. Remove from mist before completely rooted and dry media slightly to encourage rooting and better uniformity.
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.
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.
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.
Balanced fertilizer 75-100 ppm	None	42-49 days	This is a tissue culture raised item. Please see our detailed tissue culture propagation guide at darwinperennials.com.
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.
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.
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. Configure in liner stage can be beneficial.
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.
Begin feeding 50-75 ppm 10 days after sticking	Pinch 21-25 days after sticking.	42-49 days after sticking	Don't oversaturate media. Low mist levels work best.

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PAGE	CROP	SERIES/VARIETY	MEDIA EC/PH	SOIL TEMPERATURE	ROOTING HORMONE	MIST
51	EUPATORIUM Eupatorium dubium	'Little Joe'	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	High for first few days, then reduce to moderate.
51	EUPATORIUM Eupatorium purpureum	Euphoria™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low to moderate
54 52	GAURA Gaura lindheimeri	Ballerina™ Series, Belleza® Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	68-73°F (20-23°C)	500 ppm IBA	Low to moderate
53	GAURA Gaura lindheimeri	'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	Low to moderate
56	HELENIUM Helenium autumnale	Salud™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	Moderate
57	HELIANTHUS Helianthus salicifolius	'Autumn Gold'	EC 0.80 mmhos/pH 5.8-6.2	70-74°F (21-23°C)	500 ppm IBA	Low
58	HELIOPSIS Heliopsis helianthoides	Summer Eclipse	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	Moderate to high for first 24 hours, then reduce to low
57	HELIOPSIS Heliopsis helianthoides	'Sunstruck'	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	Low
64	HEUCHERA Heuchera x hybrida	Carnival Series	EC 0.80-1.0 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	Low to moderate
65	HEUCHERA Heuchera x villosa	Big Top Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-74°F (21-23°C)	None	Low; prefers high humidity rather than mist.
66	IBERIS Iberis hybrid	'Summer Snowdrift'	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low to moderate
67	IBERIS Iberis sempervirens	'Snowsation'	EC 0.80 mmhos/pH 5.8-6.2	68-72°F (20-22°C)	300 ppm IBA	Low to moderate
69	KNIPHOFIA Kniphofia uvaria	Glowstick	EC 1.2-1.5 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	Low
71	LAVANDULA Lavandula angustifolia	'Annet'	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low; prefers high humidity rather than mist.
71	LAVANDULA Lavandula angustifolia	'SuperBlue'	EC 0.75-0.80 mmhos/pH 5.9-6.2	70-72°F (21-22°C)	500 ppm IBA	Low; prefers high humidity rather than mist.
74	LAVANDULA Lavandula stoechas	Anouk Series, Luxurious	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low; prefers high humidity rather than mist.
76	LAVANDULA Lavandula stoechas	Lavinnova® Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low; prefers high humidity rather than mist.
75	LAVANDULA Lavandula stoechas	Primavera	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low; prefers high humidity rather than mist.
77	LEUCANTHEMUM Leucanthemum superbum	Make My Daisy™ Series	EC 0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low to moderate
80	LEUCANTHEMUM Leucanthemum x superbum	'Santé'	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low
78	LEUCANTHEMUM Leucanthemum x superbum	'Whitecap'	EC 0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low to moderate

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FERTILIZATION	PINCHING	TRANSPLANTING	COMMENTS
50-100 ppm N	Recommended.	42-49 days after sticking	
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.
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.
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.
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.
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.
50 ppm N starting at Day 7	Recommended after roots are established. Leave 4-5 active internodes.	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. Long day obligate plant. Must provide long days in propagation.
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.
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).
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.
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.
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.
50 ppm N when roots become visible	Not necessary.	12 weeks after sticking	May be transplanted sooner than 12 weeks, but bulking in the liner is more efficient than in the finished container.
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.
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.
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.
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.
50 ppm N starting at Day 7	Recommended after roots are established. Leave 4-5 active internodes. 2 pinches in liner is good. Can pinch a third time for higher flower count.	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.
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.
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.
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.
	50-100 ppm N 50 ppm N starting at Day 7 75-100 ppm N when roots become visible; increase to 150-200 ppm N as roots develop 50-75 ppm N when roots become visible 50-75 ppm N when roots become visible 50-75 ppm N when roots become visible 50-75 ppm N after 14 days 50 ppm N starting at Day 7 50-75 ppm N when roots become visible 100 ppm N starting at Day 10 50 ppm N when roots become visible 50-75 ppm N when roots become visible 50-75 ppm N when roots become visible 50-75 ppm N starting at Day 10 50 ppm N starting at Day 10 50 ppm N starting at Day 7 50-75 ppm N 50-75 ppm N 50-75 ppm N 50-75 ppm N starting at Day 7 50 ppm N starting at Day 7 50 ppm N starting at Day 7	50-100 ppm N Recommended. 50 ppm N starting at Day? 75-100 ppm N when roots become visible: increase to 150-200 ppm N atarting at Day? 50-75 ppm N when roots become visible are established. Leave 4-5 active internodes. 50-75 ppm N starting at Day 7 50 ppm N when roots become visible are established. Leave 4-5 active internodes. 50-75 ppm N when roots become visible are established. Leave active internodes. 50-75 ppm N when roots become visible are established. Leave active internodes. 50-75 ppm N when roots become visible are established. Leave active internodes. 50 ppm N starting at Day 10 60 ppm N when roots become visible are established. Leave active internodes. 50 ppm N when roots become visible are established. Leave active internodes. 50 ppm N when roots become visible are established. Leave active internodes. 50 ppm N when roots pecomended after roots are established. Leave active internodes. 50 ppm N starting at Day 7 Recommended after roots are established. Leave active internodes. 50 ppm N starting at Day 7 Recommended after roots are established. Leave active internodes. 50 ppm N starting at Day 7 60 ppm N starting at Day 7 60 ppm N starting are established. Leave active internodes. 50 ppm N starting are established. Leave active internodes. 50 ppm N starting are established. Leave active internodes. 50 ppm N starting are established. Leave active internodes. 50 ppm N starting are established. Leave active internodes. 50 ppm N starting are established. Leave active internodes.	50-100 ppm N Recommended. 42-49 days after sticking for Day 7 Ves. pinch once in propagation around Day 21. 42-49 days after sticking propagation around Day 21. 35-42 days after sticking ppm N as roots develop ppm N as roots

DARWIN PERENNIALS PROPAGATION GUIDE

PAGE	CROP	SERIES/VARIETY	MEDIA EC/PH	SOIL TEMPERATURE	ROOTING HORMONE	MIST	
Mac		'Night Light'	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Moderate to	
82	LYSIMACHIA Lysimachia alfredii	Night Light	ес 0.75-0.60 Піппоѕ/ рн 5.6-6.2	70-72 F (21-22 C)	эоо ррпп ва	high for first 24 hours, then reduce to low.	
84	MONARDA Monarda didyma	Balmy™ Series	EC 1.0-1.25 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Moderate	
85	MONARDA Monarda didyma	BeeMine™ Series	EC 1.0-1.25 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Moderate	
92	NEPETA Nepeta subsessilis	Prelude™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	Moderate	
91	NEPETA Nepeta x faassenii	Junior Walker™	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	Moderate	
88	NEPETA Nepeta x faassenii	Whispurr™ Series	EC 0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low to moderate	
93	OENOTHERA Oenothera missouriensis	'Evening Sun'	EC 1.2-1.5 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	Low to moderate	
94	PENSTEMON Penstemon barbatus	Rock Candy® Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Moderate to high for first 24 hours, then reduce to low.	
96 97	PENSTEMON Penstemon hybrida	'Cherry Sparks', MissionBells™ Series, Quartz® Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Moderate to high for first 24 hours, then reduce to low.	
99	PEROVSKIA Perovskia atriplicifolia	'CrazyBlue'	EC 1.0-1.25 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000-1,500 ppm IBA	Moderate to high for first 24 hours, then reduce to low.	
98	PEROVSKIA Perovskia atriplicifolia	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	Moderate to high for first 24 hours, then reduce to low.	
106	PHLOX Phlox hybrida	Spring Splash™ Series	EC 0.80 mmhos/pH 5.8-6.2	68-74°F (20-23°C)	500 ppm IBA	Low to moderate	
101	PHLOX Phlox paniculata	Ka-Pow® Series	EC 0.80 mmhos/pH 5.8-6.2	68-74°F (20-23°C)	500 ppm IBA	Low to moderate	
102	PHLOX Phlox paniculata	Super Ka-Pow™ Series	EC 0.80 mmhos/pH 5.8-6.2	68-74°F (20-23°C)	500 ppm IBA	Low to moderate	
111	POLEMONIUM Polemonium pulcherrimum	'Golden Feathers'	EC 0.75-0.80 mmhos/pH 5.8-6.2	68-72°F (21-22°C)	None	Low mist or tenting	
120-121	SALVIA Salvia greggii	Mirage™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Moderate	
122	SALVIA Salvia greggii	'Radio Red'	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Moderate	
122	SALVIA Salvia hybrida	Arctic Blaze® Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Moderate	
117	SALVIA Salvia hybrida	'Blue by You'	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	Low	
115	SALVIA Salvia nemorosa	Lyrical™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	Low	
113-114	SALVIA Salvia nemorosa	Marvel Series	EC 0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA basal dip	Low	

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FERTILIZATION	PINCHING	TRANSPLANTING	COMMENTS
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.
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.
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.
50-75 ppm N	Recommended.	35-42 days after sticking	Roots quickly. Plan to pinch in liner tray.
50-75 ppm N	Recommended.	35-42 days after sticking	Roots quickly. Plan to pinch in liner tray.
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.
50 ppm N when roots become visible	Benefits from one pinch prior to transplant.	42-45 days after sticking	Don't oversaturate the media. Remove from mist once root initials are visible.
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).
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).
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.
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.
75-100 ppm N starting at Day 7	Yes, while young plants are soft and actively growing. Allow at least two leaf internodes at each pinch.	42-49 days after sticking	Plants grow more actively under long days. Use 13-hour extended day lighting for Winter propagation.
75-100 ppm N starting at Day 7	Yes, while young plants are soft and actively growing. Allow at least two leaf internodes at each pinch.	42-49 days after sticking	Plants grow more actively under long days. Use 13-hour extended day lighting for Winter propagation.
75-100 ppm N starting at Day 7	Yes, while young plants are soft and actively growing. Allow two internodes at each pinch.	42-49 days after sticking	Plants grow more actively under long days. Use 13-hour extended day lighting for Winter propagation.
Balanced fertilizer 50-75 ppm once rooted to the bottom	None	7-8 weeks after sticking	This is a tissue culture raised item. Please see our detailed tissue culture propagation guide at darwinperennials.com.
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).
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.
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.
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.
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.
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.

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PAGE	CROP	SERIES/VARIETY	MEDIA EC/PH	SOIL TEMPERATURE	ROOTING HORMONE	MIST
62	SALVIA Salvia officinalis	Silver Scent	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	Low
123	SAXIFRAGA X ARENDSII Saxifraga x arendsii	Marto™ Series	pH 5.5-6.2	70-72'F (21-22'C)	low rate powder dip or 250 ppm KIBA sprench after stick (volume is important! Minimum 4gal/100ft2). Apply Pageant Intrinsic spray D1@8oz/100.	Low mist program for 7 to 10 days after rehydrating for 2 days under medium mist. Reduce mist as these begin to callus.
124	SCABIOSA Scabiosa columbaria	Flutter™ Series	EC 0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	Low to moderate
129	SEDUM Sedum cauticola	Shamrock	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Very low
127	SEDUM Sedum middendorffianum	'Yellow Diamonds'	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low
129	SEDUM Sedum rupestre	Prima Angelina	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Very low
128	SEDUM Sedum spurium	What a Doozie	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Very low
133	STACHYS Stachys byzantina	Little Lamb	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low to moderate
135	VERBENA Verbena canadensis	'Homestead Hot Pink'	EC 0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	None	Low to moderate
138	VERONICA Veronica austriaca	Venice Blue	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Moderate
136	VERONICA Veronica hybrid	Skyward™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Moderate
137	VERONICA Veronica hybrida	Moody Blues® Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Moderate
139	VERONICA Veronica x hybrida	'Purpleicious'	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Moderate
142	VIOLA Viola cornuta	Halo Series	EC 0.80-1.0 mmhos/pH 5.5-5.8	70-72°F (21-22°C)	500-750 ppm IBA	Moderate for first 24-48 hours, then reduce to low.

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FERTILIZATION	PINCHING	TRANSPLANTING	COMMENTS
50-75 ppm N only after rooted	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.
Fairly light feeders. Cal/ Mag, 100 ppm regularly. Do not want to get too much soft growth that can lead to stretch and ultimately poor flowering.			
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.
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.
50 ppm N when roots become visible	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 before or as soon as roots appear.
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.
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.
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.
50-75 ppm N starting Day 7	Yes, one to two times in propagation.	35-42 days after sticking	Do not oversaturate rooting media.
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.
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. Too wet will delay rooting.
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.
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.
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.

PAGE	CROP	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT- CANDLES	WATERING	FERTILIZATION	
20	ACHILLEA Achillea hybrida	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.	
18	ACHILLEA Achillea millefolium	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.	
16	ACHILLEA Achillea millefolium	New Vintage™ 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 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.	
22	AGASTACHE Agastache rugosa	'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.	
21	AGASTACHE MEXICANA Agastache mexicana	Summerlong™ Series	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.	
26	ALYSSUM Alyssum wulfenianum	'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.	
27	ARMERIA Armeria pseudarmeria	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.	
29	ARTEMISIA Artemisia gmelinii	SunFern™ Arcadia	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.	
29	ARTEMISIA Artemisia gmelinii	SunFern™ Olympia	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.	
30	BRUNNERA Brunnera macrophylla	'Frostbite'	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, required for flowering; however, plants sell as foliage.	1,500 to 2,500	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.	
30	BRUNNERA Brunnera macrophylla	Frostline	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, required for flowering, however, plants sell as foliage.	1,500 to 2,500	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.	
30	BRUNNERA Brunnera macrophylla	Permafrost	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, required for flowering, however, plants sell as foliage.	1,500 to 2,500	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.	
31	BUDDLEIA Buddleia hybrid	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.	
35	CARYOPTERIS Caryopteris x clandonensis	'Emerald 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.	
35	CARYOPTERIS Caryopteris x clandonensis	'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.	
35	CARYOPTERIS Caryopteris x clandonensis	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.	
34	CENTAUREA Centaurea ragusina	Silver Swirl	5.8-6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)		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.	
36	COREOPSIS Coreopsis hybrida	'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.	
36	COREOPSIS Coreopsis hybrida	'Super Star'	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.	

PINCHING	PLANT	PESTS AND	CROP SCHEDULE & USES					
AFTER TRANSPLANT	GROWTH REGULATORS	PESTS AND FUNGAL DISEASES	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	26-28 in. (66-71 cm)	4-9	April to September
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	Thrips, white fly	Not recommended	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	9-12 in. (23-30 cm)	7-10	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
No	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	14-16 in. (36-41 cm)	4-9	Non- flowering
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	16-18 in. (41-46 cm)	4-9	Non- flowering
None	PGRs generally not needed	Pythium and rhizoctonia can result from overwatering.	Not recommended	10-12 wks	12-14 wks	6-9 in. (15-23 cm)	4-9	April to May
None	PGRs generally not needed	Pythium and rhizoctonia can result from overwatering.	Not recommended	10-12 wks	12-14 wks	10-12 in. (25-30 cm)	4-9	April to May
None	PGRs generally not needed	Pythium and rhizoctonia can result from overwatering.	Not recommended	10-12 wks	12-14 wks	12-15 in. (30-38 cm)	4-9	April to May
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
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
No	PGRs generally not needed	Spider mites	Not recommended	Rooted: 12-14 wks	Rooted: 14 wks	48 in. (122 cm)	6-9	August to October
Typically not required		Thrips and pythium can be issues. Use well-drained media.	Not recommended	Rooted: 6-8 wks	10-12 wks	8-11 in. (20-28 cm)	6-9	June to July
Yes	B9/Cycocel combination at 3750-5000 ppm B9/500 ppm Cycocel before flowering. Sumagic spray can be used after flowering if 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	B9/Cycocel combination at 3750-5000 ppm B9/500 ppm Cycocel before flowering. Sumagic spray can be used after flowering if 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

PAGE	CROP	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT- CANDLES	WATERING	FERTILIZATION	
37	COREOPSIS Coreopsis hybrida	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.	
38	COREOPSIS Coreopsis verticillata	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.	
39	DELOSPERMA Delosperma hybrida	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.	
41	DELPHINIUM Delphinium x hybrida	'Red Lark'	5.8-6.2	Nights: 55 to 60°F (13 to 16°C) Days: 60 to 70°F (16 to 21°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 150 to 175 ppm N.	
43	DIANTHUS Dianthus hybrida	Pink Carpet, Pink PomPom, Pink Twinkle, Red Garnet, Ruby Glitter, Ruby Snow	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.	
43	DIANTHUS Dianthus hybrida	Rose Bouquet	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.	
43	DIANTHUS Dianthus hybrida	Silver Strike	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.	
43	DIANTHUS Dianthus hybrida	White Twinkle	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.	
44	DIGITALIS Digitalis hybrida	Arctic Fox™ 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 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.	
46	ECHINACEA Echinacea x hybrida	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.	
47	ECHINACEA Echinacea x hybrida	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.	
48-49	ECHINACEA Echinacea x hybrida	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.	
50	ERYSIMUM Erysimum linifolium	'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.	
51	EUPATORIUM Eupatorium dubium	'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.	
51	EUPATORIUM Eupatorium purpureum	Euphoria™ 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	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm.	
54 52	GAURA Gaura lindheimeri	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.	
53	GAURA Gaura lindheimeri	'Little Janie'	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.	
53	GAURA Gaura lindheimeri	'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.	

PINCHING AFTER GROWTH GROWTH REGULATORS No B-Nine/Cycocet combination at 3,750-5,000 ppm.	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	вьоом
combination at	s, thrips Not recommended	D t l. 10 10l			ZONES	MONTHS
B-Nine/Cycocel 500 ppm before flowering. Sumagic spray can be used after flowering if needed.		Rooted: 10-12 wks	Rooted: 12-14 wks	12-14 in. (30-36 cm)	5-9	March to November
Recommended PGRs generally not needed Powdery maphids	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
Typically not required PGRs generally not needed Aphids on t	he buds Rooted: 6 wks	9-11 wks	Not recommended	4-6 in. (10-15 cm)	5-9	March to October
None PGRs generally watch for t pests, such white fly, sy mites and a	as thrips, ider	Winter: 12-16 wks; Summer: 10-12 wks	Winter: 12-16 wks; Summer: 10-12 wks	24-28 in. (61-71 cm)	5-8	April to July
No PGRs generally not needed Thrips, carr mottle virus		18-20 wks, including 6 wks below 50°F (10°C)	Not recommended	6-8 in. (15-20 cm)	4-9	March to October
No PGRs generally not needed Thrips, carr mottle virus	ation 18-20 wks, including 6 wks below 50°F (10°C)	18-20 wks, including 6 wks below 50°F (10°C)	Not recommended	10-12 in. (25-30 cm)	4-9	March to October
No PGRs generally Thrips, carr not needed mottle virus		18-20 wks, including 6 wks below 50°F (10°C)	Not recommended	8-10 in. (20-25 cm)	4-9	March to October
No PGRs generally Thrips, carr not needed mottle virus		18-20 wks, including 6 wks below 50°F (10°C)	Not recommended	5-6 in. (13-15 cm)	4-9	March to October
Recommended for more flowers per plant. Not required. PGRs generally not needed spider mite		Rooted: 12-14 wks	Rooted: 14 wks	18-24 in. (46-61 cm)	5-9	April to September; Natural season flowering
No B9/Cycocel combination at 3750-5000 ppm B9/500 ppm Cycocel before flowering. Sumagic spray can be used after flowering if needed. Do not use configure in finished containers		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 not needed sensitive. U flower buds.	se	10-12 wks	Not recommended	14-16 in. (36-41 cm)	4-9	June to August
Only to remove premature 10 years of the premature 11 years of the premature 12 years of the premature 13 years of the premature 14 years of the premature 14 years of the premature 14 years of the premature 15 years of the pre	se ´	10-12 wks	Liner: 16-18 wks	18-20 in. (46-51 cm)	4-9	June to August
Yes, a second pinch is often beneficial. Sumagic 5-10 Watch for binfections.	acterial 6-8 wks	10-12 wks	12-14 wks	18-24 in. (46-61 cm)	6-8	March to September
Recommended Concise/Sumagic None noted 30-60 ppm spray	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 spider mite		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, rh botrytis	Rooted: 7-10 wks	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 mite	s, 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	16-18 in. (41-46 cm)	6-9	April to September
Recommended PGRs generally not needed Spider mite	s, 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	14-16 in. (36-41 cm)	6-9	April to September

PAGE	CROP	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT- CANDLES	WATERING	FERTILIZATION	
56	HELENIUM Helenium autumnale	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.	
57	HELIANTHUS Helianthus salicifolius	'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.	
58	HELIOPSIS Heliopsis helianthoides	Summer Eclipse	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.	
57	HELIOPSIS Heliopsis helianthoides	'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.	
64	HEUCHERA Heuchera x hybrida	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.	
65	HEUCHERA Heuchera x villosa	Big Top Series	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.	
66	IBERIS Iberis hybrid	'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 supplied from Darwin Colombia receive enough cold to induce into flower, so growers will not need to vernalize.	3,000 to 5,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	
67	IBERIS Iberis sempervirens	'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.	
69	KNIPHOFIA Kniphofia uvaria	Glowstick	5.8-6.2	68 to 72°F (20 to 22°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry slightly between watering. Overwatering will result in slow bulk.	Use a balanced fertilizer at a rate of 150 to 175 ppm N. Generally a heavier feeder.	
71	LAVANDULA Lavandula angustifolia	'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.	
71	LAVANDULA Lavandula angustifolia	'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.	
74	LAVANDULA Lavandula stoechas	Anouk Series, 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.	
76	LAVANDULA Lavandula stoechas	Lavinnova® Series	5.8-6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)		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.	
75	LAVANDULA Lavandula stoechas	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.	
77	LEUCANTHEMUM Leucanthemum superbum	Make My Daisy™ Series	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.	
80	LEUCANTHEMUM Leucanthemum x superbum	'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.	
78	LEUCANTHEMUM Leucanthemum x superbum	'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.	
82	LYSIMACHIA Lysimachia alfredii	'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.	

PINCHING	PLANT	PESTS AND	CROP SCHEDULE & USES						
AFTER TRANSPLANT	GROWTH REGULATORS	FUNGAL DISEASES	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	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	
Yes, in cases where there are two or less shoots.	B-Nine/ Cycocel sprays 2,500/1,000 ppm	Not particularly sensitive. Use well-drained media.	Not recommended	9-11 wks	10-12 wks	24-30 in. (61-76 cm)	4-9	June to September	
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	
No	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	
No	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	
None	PGRs not needed	Pythium can result from overwatering. Aphids can also be a problem.	Not recommended	12-14 wks for Summer to Fall flowering	14-16 wks for Summer to Fall flowering	26-29 in. (66-74 cm)	6-9	July to November	
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)	4-9	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, 1-3 ppp	10-12 wks, 3-5 ppp	10-12 in. (25-30 cm)	6-9	March to July	
Not necessary if pinches provided in liner	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	
Typically not required	PGRs generally not needed	Watch for crown rot if overwatered.	Not recommended	9-11 wks	12-14 wks	14-17 in. (36-43 cm)	5-9	June to August	
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	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	

PAGE	СКОР	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT- CANDLES	WATERING	FERTILIZATION	
55	MISCANTHUS Miscanthus sinensis	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	
55	MISCANTHUS Miscanthus sinensis	High Frequency	5.8-6.2	60 to 68°F (16 to 20°C)	Short day obligate	No	5,000 to 8,000	Low to moderate	Use a balanced fertilizer at a rate of 100 to 125 ppm.	
55	MISCANTHUS Miscanthus sinensis	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	
84	MONARDA Monarda didyma	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.	
85	MONARDA Monarda didyma	BeeMine™ 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.	
92	NEPETA Nepeta subsessilis	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.	
91	NEPETA Nepeta x faassenii	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.	
88	NEPETA Nepeta x faassenii	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.	
93	OENOTHERA Oenothera missouriensis	'Evening Sun'	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	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 150 ppm.	
94	PENSTEMON Penstemon barbatus	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.	
96	PENSTEMON Penstemon hybrida	'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.	
97	PENSTEMON Penstemon hybrida	MissionBells™ Series	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.	
97	PENSTEMON Penstemon hybrida	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.	
99	PEROVSKIA Perovskia atriplicifolia	'CrazyBlue'	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.	
98	PEROVSKIA Perovskia atriplicifolia	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.	
106	PHLOX Phlox hybrida	Spring Splash™ Series	5.8-6.2	60 to 75°F (16 to 24°C)			5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 200 ppm N.	
101	PHLOX Phlox paniculata	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.	
102	PHLOX Phlox paniculata	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.	
111	POLEMONIUM Polemonium pulcherrimum	'Golden Feathers'	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	Yes	1,500 to 2,500	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.	
121	SALVIA Salvia greggii	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.	
120	SALVIA Salvia greggii	'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.	

PINCHING		PESTS AND	CROP SCHEDULE & U	JSES				
AFTER TRANSPLANT	GROWTH REGULATORS	FUNGAL DISEASES	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	PGRs generally not needed	Watch for crown rot if overwatered.	Not recommended	Not recommended	Liner: 16-18 wks	80-86 in. (203-218 cm)	5-9	September to October
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)	4-9	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)	4-8	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
Typically not required	PGRs generally not needed	Watch for crown rot if overwatered.	6-8 wks	10-12 wks	12-14 wks	3-6 in. (8-15 cm)	5-9	March to October
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	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	28-30 in. (71-76 cm)	4-9	July to September
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	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.	Rooted: 7-9 wks	Rooted: 10-12 wks	Rooted: 12-14 wks	6-8 in. (15-20 cm)	4-8	April to Ma
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	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
None	PGRs generally not needed	Pythium and rhizoctonia can result from overwatering.	6-8 wks	10-12 wks	12-14 wks	6-8 in. (15-20 cm)	5-9	April to June
Yes	PGRs generally not needed	White fly, thrips	Rooted: 6-8 wks	Rooted: 8-10 wks	Rooted: 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 Rooted: 8-10 wks	Unrooted: 14-16 wks Rooted: 10-12 wks	Unrooted: 16-18 wks Rooted: 12-14 wks	16-18 in. (41-46 cm)	7-10	March to September

PAGE	CROP	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT- CANDLES	WATERING	FERTILIZATION	
122	SALVIA Salvia hybrida	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.	
117	SALVIA Salvia hybrida	'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.	
115	SALVIA Salvia nemorosa	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.	
113-114	SALVIA Salvia nemorosa	Marvel Series	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.	
62	SALVIA Salvia officinalis	Silver Scent	5.8-6.2	Nights: 45 to 55°F (7 to 13°C) Days: 55 to 65°F (13 to 18°C)	Short day obligate	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.	
124	SCABIOSA Scabiosa columbaria	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.	
129	SEDUM Sedum cauticola	Shamrock	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)		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.	
127	SEDUM Sedum middendorffianum	'Yellow Diamonds'	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 slightly between watering.	Use a balanced fertilizer at a rate of 100 to 150 ppm.	
129	SEDUM Sedum rupestre	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.	
128	SEDUM Sedum spurium	What a Doozie	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.	
133	STACHYS Stachys byzantina	Little Lamb	5.8-6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)		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.	
135	VERBENA Verbena canadensis	'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.	
138	VERONICA Veronica austriaca	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.	
136	VERONICA Veronica hybrid	Skyward™ Series	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 70°F (16 to 21°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.	
137	VERONICA Veronica hybrida	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.	
139	VERONICA Veronica x hybrida	'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.	
142	VIOLA Viola cornuta	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 PLANT		DESTS AND	CROP SCHEDULE & USES						
AFTER TRANSPLANT	GROWTH REGULATORS	PESTS AND FUNGAL DISEASES	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	Thrips	Not recommended	Unrooted: 14-16 wks Rooted: 10-12 wks	Unrooted: 16-18 wks Rooted: 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 Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 17-19 wks Rooted: 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 Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 17-19 wks Rooted: 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	14-16 in. (36-41 cm)	4-9	March to September	
Yes	PGRs generally not needed		Unrooted: 13-15 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 17-19 wks Rooted: 12-14 wks	21-24 in. (53-61 cm)	5-9	April to May	
Typically not required	PGRs generally not needed	Very disease resistant. Watch for root and crown rot under poor growing conditions.	Not recommended	Rooted: 10-12 wks	Rooted: 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 Rooted: 6 wks	Unrooted: 12-14 wks Rooted: 8-10 wks	Not recommended	2-4 in. (5-10 cm)	3-9		
One pinch, two to three weeks after transplant.	PGRs generally not needed. B9 is effective if needed, especially under lower light conditions	Generally pest and disease free.	Unrooted: 10-12 wks Rooted: 6 wks	Unrooted: 12-14 wks Rooted: 8-10 wks	Not recommended	7-10 in. (18-25 cm)	5-9	July to August	
One pinch, two to three weeks after transplant.	PGRs generally not needed	Generally pest and disease free.	Unrooted: 10-12 wks Rooted: 6 wks	Unrooted: 12-14 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	3-6 in. (8-15 cm)	4-9	Non- flowering	
One pinch, two to three weeks after transplant.	PGRs generally not needed	Generally pest and disease free.	Unrooted: 10-12 wks Rooted: 6 wks	Unrooted: 12-14 wks Rooted: 8-10 wks	Not recommended	2-5 in. (5-13 cm)	5-9	July to August	
Typically not required		Not particularly sensitive. Use well- drained media.	Rooted: 4-6 wks	Rooted: 6-8 wks	10-12 wks	2-5 in. (5-13 cm)	4-8	June to July	
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) Rooted: Stick by Week 35 (North), Week 40 (South)	Unrooted: Plant by Week 35 (North), Week 40 (South) Rooted: Stick by Week 30 (North), Week 35 (South)	Unrooted: Plant by Week 32 (North), Week 37 (South) Rooted: 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	Not recommended	Unrooted: 14-16 wks Rooted: 10-12 wks	Unrooted: 16-18 wks Rooted: 12-14 wks	14-18 in. (36-46 cm)	4-9	April to September	
Yes	PGRs generally not needed	Aphids, white fly	Unrooted: 10-14 wks Rooted: 8-10 wks	Unrooted: 14-16 wks Rooted: 10-12 wks	Unrooted: 16-18 wks Rooted: 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: Plant by Week 35 (North), Week 40 (South) Rooted: Stick by Week 30 (North), Week 35 (South)	Unrooted: Plant by Week 32 (North), Week 37 (South) Rooted: 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 Rooted: 6-8 wks	Unrooted: 13-15 wks Rooted: 8-10 wks	Unrooted: 13-15 wks Rooted: 8-10 wks	8-10 in. (20-25 cm)	4-9	February to October	

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	
	Phlox Spring Splash™	Phlox Spring Splash™	Phlox Spring Splash™	
	Saxifraga Marto™	Saxifraga Marto™	Saxifraga Marto™	
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, Lavinnova®	Lavender Anouk, Primavera, Lavinnova®	Lavender Anouk, Primavera, Lavinnova®	
	Nepeta Blue Prelude™, Whispurr™, Junior Walker™	Nepeta Blue Prelude™, Whispurr™, Junior Walker™	Nepeta Blue Prelude™, Whispurr™, Junior Walker™	
	Salvia Lyrical™, Marvel, Mirage™	Salvia Lyrical™, Marvel, Mirage™	Salvia 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®	
	Brunnera Frostbite, Frostline, Permafrost	Brunnera Frostbite, Frostline, Permafrost	Brunnera Frostbite, Frostline, Permafrost	
	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®, Double Scoop™	Echinacea Sombrero®, Double Scoop™	Echinacea Sombrero®, Double Scoop™	
	Heuchera Carnival	Heuchera Carnival	Heuchera Carnival	
	Iberis 'Summer Snowdrift'	Iberis 'Summer Snowdrift'	Iberis 'Summer Snowdrift'	
	Lavender 'SuperBlue', Primavera	Lavender 'SuperBlue', Primavera	Lavender 'SuperBlue', Primavera	
	Leucanthemum Whitecap, Ooh La™	Leucanthemum Whitecap, Ooh La™	Leucanthemum Whitecap, Ooh La™	
	Miscanthus Bandwidth	Miscanthus Bandwidth	Miscanthus Bandwidth	
	Monarda Balmy™	Monarda Balmy™	Monarda Balmy™	
	Nepeta Blue Prelude™, Whispurr™, Junior Walker™	Nepeta Blue Prelude™, Whispurr™, Junior Walker™	Nepeta Blue Prelude™, Whispurr™, Junior Walker™	
	Penstemon MissionBells™ Deep Rose, Quartz®, Rock Candy®	Penstemon MissionBells™ Deep Rose, Quartz®, Rock Candy®	Penstemon MissionBells™ Deep Rose, Quartz®, Rock Candy®	
	Salvia Lyrical, Marvel, Silver Scent	Salvia Lyrical, Marvel, Silver Scent	Salvia Lyrical, Marvel, Silver Scent	
	Stachys Little Lamb	Stachys Little Lamb	Stachys Little Lamb	
	Veronica Moody Blues®	Veronica Moody Blues®	Veronica Moody Blues®	
	Sedum Shamrock	Sedum Shamrock	Sedum Shamrock	

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, Lavinnova®	Lavender Anouk, Primavera, Lavinnova®	Lavender Anouk, Primavera, Lavinnova®	Lavender Anouk, Primavera, Lavinnova
Viola Halo	Viola Halo	Viola Halo	Viola Halo
Phlox Spring Splash™	Phlox Spring Splash™	Phlox Spring Splash™	Phlox Spring Splash™
Saxifraga Marto™	Saxifraga Marto™	Saxifraga Marto™	Saxifraga Marto™
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®
Brunnera Frostbite, Frostline, Permafrost	Centaurea Silver Swirl	Centaurea Silver Swirl	Centaurea Silver Swirl
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®, Double Scoop™	Digitalis Arctic Fox™ Rose	Digitalis Arctic Fox™ Rose	Digitalis Arctic Fox™ Rose
Heuchera Carnival	Echinacea Sombrero®, Double Scoop™	Echinacea Sombrero®, Double Scoop™	Echinacea Sombrero®, Double Scoop™
Iberis 'Summer Snowdrift'	Heuchera Carnival	Heuchera Carnival	Heuchera Carnival
Lavender 'SuperBlue', Primavera	Iberis 'Summer Snowdrift'	Iberis 'Summer Snowdrift'	Iberis 'Summer Snowdrift'
Leucanthemum Whitecap, Ooh La™	Lavender 'SuperBlue', Primavera	Lavender 'SuperBlue', Primavera	Lavender 'SuperBlue', Primavera
Monarda Balmy™	Leucanthemum Whitecap, Ooh La™	Leucanthemum Whitecap, Ooh La™	Leucanthemum Whitecap, Ooh La™
Nepeta Blue Prelude™, Whispurr™, Junior Walker™	Miscanthus Bandwidth	Miscanthus Bandwidth	Miscanthus Bandwidth
Penstemon MissionBells™ Deep Rose	Monarda Balmy™	Monarda Balmy™	Monarda Balmy™
Salvia Lyrical™, Marvel, Silver Scent	Nepeta Blue Prelude™, Whispurr™, Junior Walker™	Nepeta Blue Prelude™, Whispurr™, Junior Walker™	Nepeta Blue Prelude™, Whispurr™, Junior Walker™
Stachys Little Lamb	Penstemon Quartz®, Rock Candy®	Penstemon Quartz®, Rock Candy®	Penstemon Quartz®, Rock Candy®
Veronica Moody Blues®	Salvia Lyrical™, Marvel, Silver Scent	Salvia Lyrical™, Marvel, Silver Scent	Salvia Lyrical™, Marvel, Silver Scent
Viola Halo	Stachys Little Lamb	Stachys Little Lamb	Stachys Little Lamb
 Sedum Shamrock	Veronica Moody Blues®	Veronica Moody Blues®	Veronica Moody Blues®
	Viola Halo	Viola Halo	Viola Halo
	Sedum Shamrock	Sedum Shamrock	Sedum Shamrock

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', 'Emerald Crest', Grand Bleu®	Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu®	Caryopteris 'Gold Crest', 'Emerald 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 'SuperBlue', Primavera	Kniphofia Glowstick	Kniphofia Glowstick
	Leucanthemum Whitecap, Ooh La™	Lavender 'SuperBlue'	Lavender 'SuperBlue'
	Monarda Balmy™	Perovskia 'CrazyBlue'	Perovskia 'CrazyBlue'
	Nepeta Blue Prelude™	Phlox Ka-Pow®, Super Ka-Pow™	Phlox Ka-Pow®, Super Ka-Pow™
	Perovskia 'CrazyBlue'	Salvia Lyrical™, Marvel	Salvia Lyrical™, Marvel
	Phlox Ka-Pow®, Super Ka-Pow™	Scabiosa Flutter™	Scabiosa Flutter™
	Salvia Lyrical™, Marvel	Veronica Moody Blues®	Agastache Summerlong™
	Scabiosa Flutter™	Agastache Summerlong™	Sedum Shamrock
	Veronica Moody Blues®	Sedum Shamrock	
	Agastache Summerlong™		
	Sedum Shamrock		
ALL.	Achillea Milly Rock™, New Vintage™	Achillea Milly Rock™, New Vintage™	Achillea Milly Rock™, New Vintage™
ALL.	Achillea Milly Rock™, New Vintage™ Armeria Dreameria®	Achillea Milly Rock™, New Vintage™ Armeria Dreameria®	Achillea Milly Rock™, New Vintage™ Armeria Dreameria®
ALL.		-	-
ALL'	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest',	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest',	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest',
ALL'	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu®	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu®	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu®
ALL'	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™
ALL'	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose
ALL'	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose Echinacea Sombrero®, Double Scoop™	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose Echinacea Sombrero®, Double Scoop™	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose Echinacea Sombrero®, Double Scoop™
ALL'	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose Echinacea Sombrero®, Double Scoop™ Helenium Salud™	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose Echinacea Sombrero®, Double Scoop™ Helenium Salud™	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose Echinacea Sombrero®, Double Scoop™ Helenium Salud™
ALL.	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose Echinacea Sombrero®, Double Scoop™ Helenium Salud™ Helianthus 'Autumn Gold'	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose Echinacea Sombrero®, Double Scoop™ Helenium Salud™ Helianthus 'Autumn Gold'	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose Echinacea Sombrero®, Double Scoop™ Helenium Salud™ Helianthus 'Autumn Gold'
ALL	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose Echinacea Sombrero®, Double Scoop™ Helenium Salud™ Helianthus 'Autumn Gold' Heuchera Carnival	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose Echinacea Sombrero®, Double Scoop™ Helenium Salud™ Helianthus 'Autumn Gold' Heuchera Carnival	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose Echinacea Sombrero®, Double Scoop™ Helenium Salud™ Helianthus 'Autumn Gold' Heuchera Carnival
ALL'	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose Echinacea Sombrero®, Double Scoop™ Helenium Salud™ Helianthus 'Autumn Gold' Heuchera Carnival Lavender 'SuperBlue', Primavera	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose Echinacea Sombrero®, Double Scoop™ Helenium Salud™ Helianthus 'Autumn Gold' Heuchera Carnival Kniphofia Glowstick	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose Echinacea Sombrero®, Double Scoop™ Helenium Salud™ Helianthus 'Autumn Gold' Heuchera Carnival Kniphofia Glowstick
ALL'	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose Echinacea Sombrero®, Double Scoop™ Helenium Salud™ Helianthus 'Autumn Gold' Heuchera Carnival Lavender 'SuperBlue', Primavera Miscanthus Bandwidth	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose Echinacea Sombrero®, Double Scoop™ Helenium Salud™ Helianthus 'Autumn Gold' Heuchera Carnival Kniphofia Glowstick Miscanthus Bandwidth	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose Echinacea Sombrero®, Double Scoop™ Helenium Salud™ Helianthus 'Autumn Gold' Heuchera Carnival Kniphofia Glowstick Miscanthus Bandwidth
ALL'	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose Echinacea Sombrero®, Double Scoop™ Helenium Salud™ Helianthus 'Autumn Gold' Heuchera Carnival Lavender 'SuperBlue', Primavera Miscanthus Bandwidth Penstemon Rock Candy®	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose Echinacea Sombrero®, Double Scoop™ Helenium Salud™ Helianthus 'Autumn Gold' Heuchera Carnival Kniphofia Glowstick Miscanthus Bandwidth Penstemon Rock Candy®	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose Echinacea Sombrero®, Double Scoop™ Helenium Salud™ Helianthus 'Autumn Gold' Heuchera Carnival Kniphofia Glowstick Miscanthus Bandwidth Penstemon Rock Candy®
ALL'	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose Echinacea Sombrero®, Double Scoop™ Helenium Salud™ Helianthus 'Autumn Gold' Heuchera Carnival Lavender 'SuperBlue', Primavera Miscanthus Bandwidth Penstemon Rock Candy® Perovskia 'CrazyBlue'	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose Echinacea Sombrero®, Double Scoop™ Helenium Salud™ Helianthus 'Autumn Gold' Heuchera Carnival Kniphofia Glowstick Miscanthus Bandwidth Penstemon Rock Candy® Perovskia 'CrazyBlue'	Armeria Dreameria® Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu® Coreopsis UpTick™ Digitalis Arctic Fox™ Rose Echinacea Sombrero®, Double Scoop™ Helenium Salud™ Helianthus 'Autumn Gold' Heuchera Carnival Kniphofia Glowstick Miscanthus Bandwidth Penstemon Rock Candy® Perovskia 'CrazyBlue'

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', 'Emerald Crest', Grand Bleu®	Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu®	Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu®	Caryopteris 'Gold Crest', 'Emerald Crest Grand Bleu®	
Digitalis Arctic Fox™ Rose	Digitalis Arctic Fox™ Rose	Digitalis Arctic Fox™ Rose	Digitalis Arctic Fox™ Rose	
Heliopsis 'Sunstruck'	Echinacea Sombrero®, Double Scoop™	Heliopsis 'Sunstruck'	Echinacea Sombrero®, Double Scoop™	
Iberis 'Summer Snowdrift'	Heliopsis 'Sunstruck'	Iberis 'Summer Snowdrift'	Heliopsis 'Sunstruck'	
Lavender 'SuperBlue', Primavera	Kniphofia Glowstick	Lavender 'SuperBlue', Primavera	Iberis 'Summer Snowdrift'	
Leucanthemum Whitecap, Ooh La™	Iberis 'Summer Snowdrift'	Leucanthemum Whitecap, Ooh La™	Lavender 'SuperBlue', Primavera	
Monarda Balmy™	Lavender 'SuperBlue', Primavera	Monarda Balmy™	Leucanthemum Whitecap, Ooh La™	
Nepeta Blue Prelude™, Whispurr™, Junior Walker™	Leucanthemum Whitecap, Ooh La™	Nepeta Blue Prelude™, Whispurr™, Junior Walker™	Monarda Balmy™	
Perovskia 'CrazyBlue'	Monarda Balmy™	Penstemon MissionBells™ Deep Rose	Nepeta Blue Prelude™, Whispurr™, Junior Walker™	
Phlox Ka-Pow®, Super Ka-Pow™	Nepeta Blue Prelude™, Whispurr™, Junior Walker™	Perovskia 'CrazyBlue'	Penstemon MissionBells™ Deep Rose	
Salvia Lyrical™, Marvel	Penstemon MissionBells™ Deep Rose	Phlox Ka-Pow®, Super Ka-Pow™	Perovskia 'CrazyBlue'	
Scabiosa Flutter™	Perovskia 'CrazyBlue'	Salvia Lyrical™, Marvel	Phlox Ka-Pow®, Super Ka-Pow™	
Veronica Moody Blues®	a Moody Blues® Phlox Ka-Pow®, Super Ka-Pow™		Salvia Lyrical™, Marvel	
Agastache Summerlong™	Salvia Lyrical™, Marvel	Veronica Moody Blues®	Scabiosa Flutter™	
Sedum Shamrock	Scabiosa Flutter™	Agastache Summerlong™	Veronica Moody Blues®	
	Veronica Moody Blues®	Sedum Shamrock	Agastache Summerlong™	
	Agastache Summerlong™		Sedum Shamrock	
	Sedum Shamrock			
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®, Double Scoop™	Echinacea Sombrero®, Double Scoop™	Echinacea Sombrero®, Double Scoop™	Echinacea Sombrero®, Double Scoop™	
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 'SuperBlue', Primavera	Kniphofia Glowstick	Lavender 'SuperBlue', Primavera	Lavender 'SuperBlue', Primavera	
Penstemon Rock Candy®	Lavender 'SuperBlue', Primavera	Miscanthus Bandwidth	Miscanthus Bandwidth	
Perovskia 'CrazyBlue'	Miscanthus Bandwidth	Penstemon Rock Candy®	Penstemon Rock Candy®	
Salvia Lyrical™, Marvel™	Penstemon Rock Candy®	Perovskia 'CrazyBlue'	Perovskia 'CrazyBlue'	
Agastache Summerlong™	Perovskia 'CrazyBlue'	Salvia Lyrical™, Marvel	Salvia Lyrical™, Marvel	
Sedum Shamrock	Salvia Lyrical™, Marvel	Agastache Summerlong™	Agastache Summerlong™	
	Agastache Summerlong™	Sedum Shamrock	Sedum Shamrock	
	Sedum Shamrock			

TERMS & CONDITIONS OF SALE

NOTE: DARWIN PERENNIALS IS A DIVISION OF BALL HORTICULTURAL COMPANY (BALL). DARWIN PERENNIALS **TERMS & CONDITIONS** OF SALE ARE COUNTRY/ REGION SPECIFIC. VISIT DARWINPERENNIALS.COM FOR CURRENT TERMS & CONDITIONS, THE **FOLLOWING TERMS &** CONDITIONS OF SALE APPLY TO UNROOTED CUTTINGS OR ROOTED LINERS SOLD BY **BALL WITHIN THE UNITED** STATES AND CANADA.

ACCEPTANCE OF TERMS

These terms and conditions shall govern orders for plants, supplies and other materials (merchandise) placed with Seller. All negotiations with sales representatives or other agents of Seller are merged herein. No modification of these terms and conditions shall be effective unless in writing signed by Seller. Placement of the order shall constitute Purchaser's acceptance of these terms and conditions. All orders are subject to acceptance by Seller at our offices in West Chicago, Illinois.

LIMITATION OF WARRANTY

Seller warrants, to the extent required by law, that merchandise conforms to the description appearing in Seller's catalog and on container labels, within recognized tolerances SELLER MAKES NO OTHER OR FURTHER WARRANTY, EXPRESS OR IMPLIED ALL OTHER OR **FURTHER WARRANTIES** INCLUDING ANY WARRANTIES OF MERCHANTABILITY, TITLE, NON-INFRINGEMENT, AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXCLUDED, Certain merchandise may be separately warranted by the manufacturer. Seller does not adopt or ratify any manufacturer warranties, express or implied, and Seller shall have no liability thereunder. Seller does not adopt or ratify any manufacturer warranties, express or implied, made by Purchaser upon resale of the merchandise, and Seller shall have no liability thereunder.

LIMITATION OF REMEDY

PURCHASER'S SOLE AND **EXCLUSIVE REMEDY SHALL BE** REFUND OF THE PURCHASE PRICE. SELLER'S LIABILITY, WHETHER FOR BREACH OF CONTRACT, BREACH OF WARRANTY, NEGLIGENCE, PRODUCTS LIABILITY OR ANY OTHER THEORY OF LIABILITY IS LIMITED TO THE AMOUNT OF THE PURCHASE PRICE UNDER NO CIRCUMSTANCES SHALL SELLER BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE, OR FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES.

MANDATORY ARBITRATION

ANY CLAIM WHICH PURCHASER MAY HAVE AGAINST SELLER ARISING OUT OF OR RELATING TO THE SALE OF THE MERCHANDISE SHALL BE SETTLED BY BINDING ARBITRATION IN ACCORDANCE WITH THE COMMERCIAL ARBITRATION RULES OF THE AMERICAN ARBITRATION ASSOCIATION, SAID ARBITRATION TO BE VENUED IN COOK OR DUPAGE COUNTIES, ILLINOIS

GOVERNING I AW JURISDICTION & VENUE

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

INDEMNITY

By accepting merchandise, Purchaser agrees to defend Seller, to hold it harmless and indemnify it from and against any claim or loss asserted by any or all transferees of such merchandise or users of the products of such merchandise who are not notified by Purchaser in writing of Limitation of Warranty, Limitation of Remedy, Mandatory Arbitration, Governing Law Jurisdiction and Venue in language substantially equivalent to that contained in these Terms and Conditions of Sale.

All prices are subject to change without notice. The price in effect at time of shipment will prevail. Prices do not include installation; Seller takes no responsibility, and shall have no liability for installation. Additional processing and handling charges may be added.

PAYMENT

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.

FREIGHT & HANDLING CHARGES, INSPECTION, DAMAGED GOODS

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.

CANCELLATION POLICY

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.

NOTICE & RETURN

Seller shall have no liability for any defect unless notice is given promptly, not to exceed thirty (30) days after such defect is or should have been discovered. No merchandise may be returned without Seller's prior written authorization.

DELAYS, SHORTAGES & **SUBSTITUTIONS**

Seller shall not be responsible for delays in delivery or for losses resulting from such delays. Seller reserves the right to make partial shipment. In the event of shortages, Seller may substitute such other, similar merchandise as is available.

PLANT PROTECTION

Varieties described herein may be covered by the Flowering-Only Terms and Conditions of Sale Agreement, United States Plant Patents, United States Plant Variety Protection, Utility Patents, and Plant Breeders' Rights. These varieties may not be reproduced without authorization. The breeder or authorized representative has the right to inspect customers' nurseries during normal business hours to assess compliance with the restrictions on use of protected varieties.

TRADEMARKS

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SALES LIMITATIONS

EXPORT CONTROL. THE COMPANY'S PRODUCTS MAY NOT BE SOLD, DIVERTED, TRANSFERRED OR RE-EXPORTED, DIRECTLY OR INDIRECTLY, TO ANY INDIVIDUAL, ENTITY, OR DESTINATION THAT IS SUBJECT TO UNITED STATES OR UNITED NATIONS SANCTIONS PROGRAMS OR EMBARGOES (INCLUDING BUT NOT LIMITED TO OFAC SANCTIONS PROGRAMS AND THOSE LISTED ON OFAC'S "SPECIALLY DESIGNATED NATIONALS" LIST) WITHOUT AN APPROPRIATE EXPORT LICENSE.

FOREIGN CORRUPT PRACTICES ACT. EACH PARTY REPRESENTS AND WARRANTS TO THE OTHER PARTY THAT IT WILL TAKE NO ACTION IN RELATION TO THIS TRANSACTION THAT WOULD BE IN VIOLATION OF THE APPLICABLE LAWS AND REGULATIONS OF ANY COUNTRY AND THE UNITED STATES OF AMERICA. NO PAYMENTS OF MONEY OR ANYTHING OF VALUE WILL BE OFFERED PROMISED OR PAID, DIRECTLY OR INDIRECTLY, TO ANY OFFICIALS TO INFLUENCE THE ACTS OF SUCH OFFICIALS TO INDUCE THEM TO USE THEIR INFLUENCE WITH A GOVERNMENT OR AN INSTRUMENTALITY THEREOF, OR TO OBTAIN AN IMPROPER ADVANTAGE.

DarwinPerennials.

Discontinued Darwin Colombia Varieties for 2025

Variety	Recommended Replacement
Achillea Song Siren™ Layla	Achillea New Vintage™ Rose
Ajuga 'Metallica Crispa'	Ajuga Mahogany
Ajuga 'Silver Queen'	Ajuga Bronze Beauty
Buddleia Buzz™ Hot Raspberry	Buddleia Chrysalis™ Cranberry
Buddleia Buzz™ Sky Blue	Buddleia Chrysalis™ Blue
Buddleia Buzz™ Velvet	Buddleia Chrysalis™ Purple
Buddleia Buzz™ Midnight	None
Buddleia Humdinger™ Gold Drop	None
Buddleia Humdinger™ Lavender Cupcake	Buddleia Chrysalis™ Blue
Buddleia Humdinger™ Little Angel	Buddleia Chrysalis™ White
Buddleia Humdinger™ Magenta Munchkin	Buddleia Chrysalis™ Cranberry
Coreopsis Sunny Day	Coreopsis UpTick™ Gold
Delosperma Red Mountain® Flame	Delosperma Jewel of the Desert Ruby
Delosperma Wheels of Wonder™ Limoncello Wonder	Delosperma Wheels of Wonder™ Golden Wonder
Delosperma Wheels of Wonder™ Hot Orange Wonder	Delosperma Ocean Sunset™ Orange Vibe
Delosperma Wheels of Wonder™ Hot Red Wonder	Delosperma Jewel of the Desert Ruby
Delosperma Wheels of Wonder™ Salmony Pink Wonder	Delosperma Ocean Sunset™ Orange Glow
Echinacea Double Scoop™ Orangeberry Deluxe	Echinacea Double Scoop™ Raspberry Deluxe
Echinacea Sombrero® Tango Tangerine	Echinacea Sombrero® Mandarin Mambo
Erysimum Cheers™ Sun-kissed Amethyst	Erysimum Bowles Me Away
Gaura Pink Fountain	Gaura Belleza® Compact Light Pink
Helenium Salud™ Golden	Helenium Salud™ Yellow
Hypericum Miracle Grandeur	None
Hypericum Miracle Horizon	None
Hypericum Miracle Primo	None
Lamium Shell Pink	Lamium 'Orchid Frost'
Leucanthemum White Magic	Leucanthemum Make My Daisy™ Happy
Leucanthemum 'Whoops A Daisy'	Leucanthem 'Whitecap'
Monarda Sugar Buzz® Berry Taffy	Monarda Sugar Buzz® Pink Frosting
Nepeta Little Trudy®	Nepeta 'Kitten Around'
Nepeta 'Six Hills Giant'	Nepeta Whispurr™ Blue
Penstemon Pike's Peak Purple®	Penstemon Quartz® Amethyst
Penstemon Red Rocks®	Penstemon Quartz® Red
Phlox 'Cherry Cream'	Phlox Super Ka-Pow™ Blue
Phlox 'Oakington Blue Eyes'	Phlox 'Purple Beauty'
Phlox 'Ronsdorfer Beauty'	Phlox 'Fort Hill'
Salvia 'Purple Rain'	Salvia Fashionista® Midnight Model
Sedum pachyclados	None
Sedum sexangulare	None
Sedum 'Powderpuff'	None
Veronica Forever Blue	Veronica Skyward™ Blue



Scan to see current list of discontinued varieties

TRIAL LOCATIONS

Visit any of these trial sites to see how Darwin Perennials newest and best genetics perform in the landscape.







University of Guelph

Guelph, ON, Canada

Landscape Ontario

Milton, ON, Canada

Vanstone Nurseries

Portage la Prairie, MB, Canada

Colorado State University

Fort Collins, CO

University of Georgia

Athens. GA

Iowa Arboretum

Madrid, IA

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

Longwood Gardens

Kennett Square, PA

Green Leaf Plants

Smoketown. PA

Penn State University

University Park, PA

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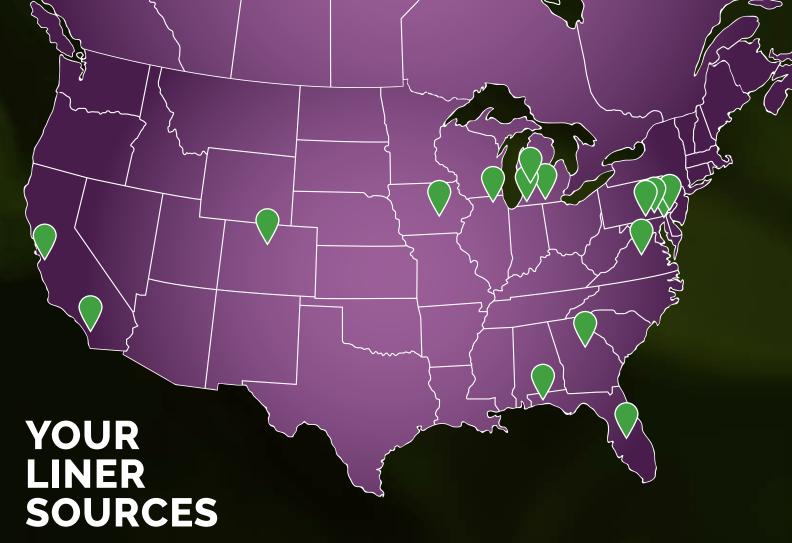
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Nepeta Junior Walker



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Swift Greenhouses, Inc. *Gilman, IA*

GET Group, Inc. Woodstock, IL

Stonehouse Nursery, LLC *Berrien Springs, MI*

Raker-Roberta's Young Plants Litchfield, MI

Walters Gardens Zeeland, MI

Gro 'n Sell, Inc. *Chalfont, PA*

North Creek Nurseries, Inc. Landenberg, PA Creek Hill Nursery Leola, PA

Green Leaf Plants (Aris Horticulture) Smoketown, PA

Battlefield Farms Rapidan, VA

For more information on where to find Darwin Perennials, visit darwinperennials.com/WhereToBuy

Phone: 888 800-0026 info@darwinperennials.com

DarwinPerennials.

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