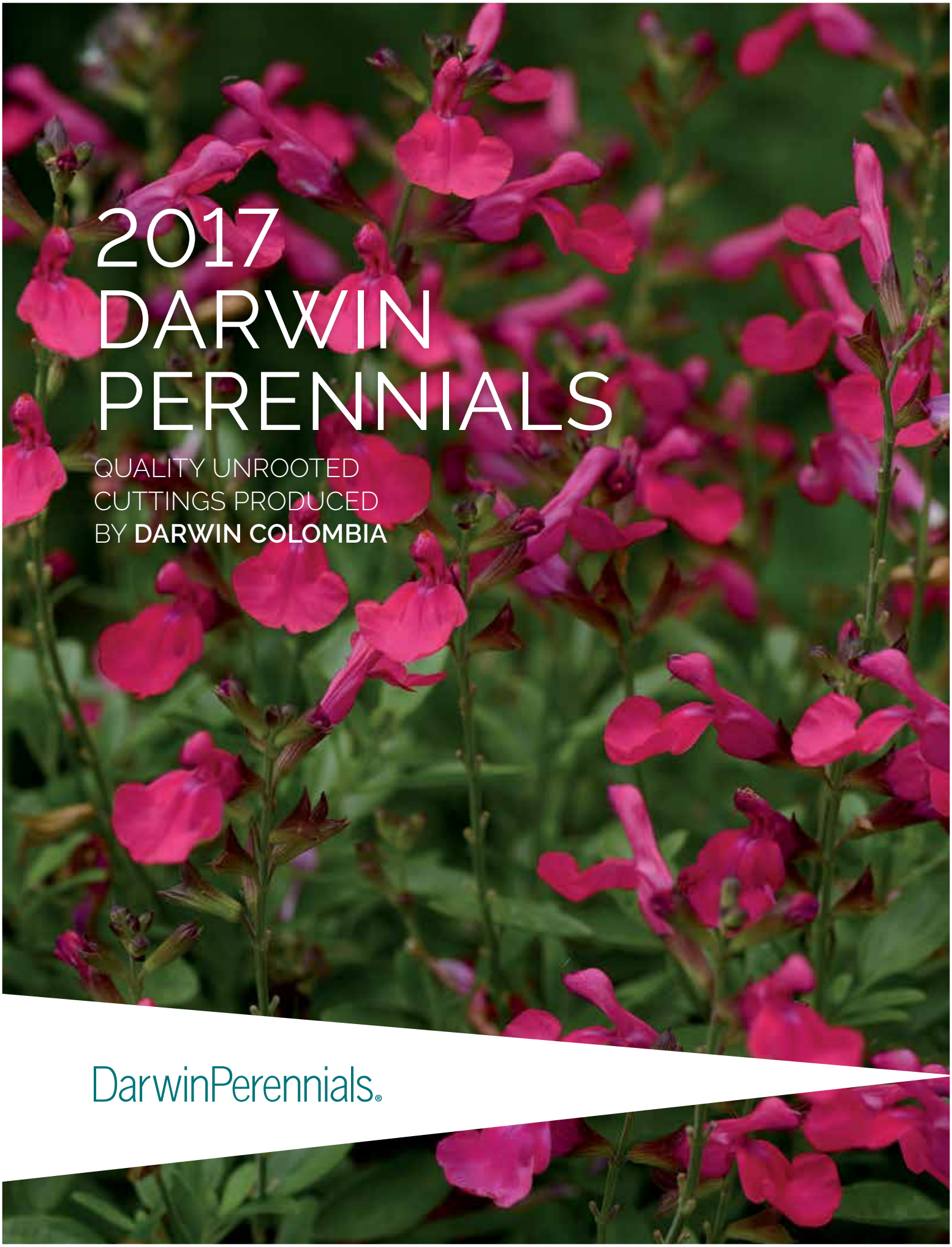

2017 DARWIN PERENNIALS

QUALITY UNROOTED CUTTINGS PRODUCED BY **DARWIN COLOMBIA**

DarwinPerennials®

WELCOME TO THE 2017 DARWIN PERENNIALS LINE-UP

These varieties reflect our market's unprecedented resurgence in the retail, landscape and nursery segments and the lasting value that perennials bring in both flowering and landscape performance. That's why we're proud to call them Perennials with Staying Power™!

Check out exciting new introductions that represent the best in class of both hardy and tender perennials. Heat tolerance and Summer-long flowering are the hallmarks of our new **Mirage** series of tender **Salvia** greggii on page 65. These nine bold colors work marvelously in mixed containers and provide instant color in the landscape. And don't miss our new hardy **Penstemons, MissionBells Deep Rose** and **Cherry Sparks,** on pages 51 and 49. Their beautiful, bell-shaped flowers combine Summer-long color with excellent container performance.

Of course you'll find hundreds of other perennial options, including varieties from Blooms of Bressingham, leading European breeders and the industry 'standards' we all know and love.

As always, our culture section, beginning on page 88, gives you the latest on propagation and finishing of our Darwin Perennials varieties. Your success is our success. We're committed to bringing you the best Perennials with Staying Power, coupled with our Darwin Perennials team of customer service and technical support. We look forward to growing the perennial business with you!

Sincerely,

Mike

Mike Klopmeyer, General Manager
630 588-3107, mklopmeyer@darwinperennials.com

On the Cover:
NEW Salvia Mirage
Hot Pink

Product information and culture charts at **darwinperennials.com**

DARWIN COLOMBIA

There's a lot going on behind the scenes to bring you a reliable supply of outstanding genetics. **Darwin Colombia**, our unrooted cutting production farm outside of Bogotá, is transforming itself into the leading supplier of perennial cuttings for the North American and European markets.

The farm has reliably produced unrooted cuttings since 2002, and we continue to make a number of significant infrastructure investments, including a centralized facility housing fertilizer injectors, water treatment and storage, and a new irrigation system for all of our greenhouses.

We also have new benching throughout the farm for stock production grown in pasteurized coco fiber that allows for excellent root development, resulting in **high-quality cuttings**.

There is also an **on-site tissue culture laboratory** that houses our elite pathogen-tested stock along with dedicated plant pathology support for production. Like you, we're in this for the long term!

DARWIN PERENNIALS® VARIETIES

Achillea 1–3
Agastache 4
Alyssum 8
Boltonia 10
Caryopteris 14
Coreopsis 16-18
Eupatorium 23
Gaura 28-29
Geranium 30
Heliopsis 31
Heuchera VIII
Iberis 34
Lavandula 36–38
Leucanthemum 41
Monarda 44–45
Nepeta 46
Penstemon 49–51
Perovskia 52
Rhodanthemum 59
Salvia 61–67
Scabiosa 70–71
Veronica 82–84
Viola 85–86

See inside back cover for full product listing.

DarwinPerennials®

DARWIN TEAM WITH YOU ALL THE WAY

MEET YOUR DARWIN PERENNIALS TEAM… PLANT-LOVING PROFESSIONALS DEDICATED TO YOUR GROWING AND SELLING SUCCESS!

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DarwinPerennials®

BREEDER RESOURCES

Star® Roses and Plants
West Grove, PA container trials

DARWIN PERENNIALS
Penstemon Rock Candy Ruby, p. 51

ALTHOUGH DARWIN PERENNIALS HAS LONG BEEN KNOWN AND RESPECTED FOR OUR OWN BREEDING, WE HAVE STRENGTHENED OUR PORTFOLIO WITH THE ADDITION OF OUTSTANDING PERENNIALS SELECTIONS FROM STAR ROSES AND PLANTS, BLOOMS OF BRESSINGHAM AND OTHER QUALITY BREEDERS.

STAR® ROSES AND PLANTS PERENNIALS ARE NOW DARWIN PERENNIALS

IN 2015, THIS EXCITING ACQUISITION INCORPORATED A STELLAR PERENNIALS LINE INTO THE DARWIN PERENNIALS PORTFOLIO.

Our similar philosophies on product development and the introduction of high-quality vegetatively propagated materials makes this a winning match for everyone involved...including you! Here's what this merger means for you:

More breeders on staff focusing on vegetative perennials in key product classes, to bring you a wider selection of in-demand products and new genetics.

Directed breeding with distinct goals of providing practical solutions to our grower customers and outstanding performance to home gardeners.

A rigorous trialing and selection process using container trial locations in all regions of the U.S., to ensure the best performance everywhere.

Garden trial performance in locations across the U.S., so you can grow and sell with complete confidence.

A dedicated team of industry veterans knowledgeable in herbaceous perennial performance to evaluate and select new products to grow your business.

Leading genetics totaling 25 varieties from this portfolio, including Penstemon Rock Candy®, Moody Blues® Veronica and Nepeta Junior Walker.

Additional firepower from Star Roses' New Product Development team in trialing our products for the ultimate in performance.

New, dedicated East Coast trialing location in West Grove, PA for the entire lineup of Darwin Perennials genetics.

Achillea Moon Dust, p. 1

Caryopteris Grand Bleu, p. 14

Nepeta Junior Walker, p. 46

Coreopsis Little Bird, p. 16

Penstemon Rock Candy, p. 50

Penstemon Amethyst Quartz, p. 49

Penstemon Rose Quartz, p. 49

Perovskia Little Lace, p. 52

Veronica Moody Blues Mauve, p. 82

BLOOMS OF BRESSINGHAM

TRIED & TRUSTED™

Blooms of Bressingham varieties are tested for years – in gardens and pot trials – at secure trial sites, leading perennial growers, universities and botanical gardens throughout North America. These comprehensive trials establish reliability and provide valuable information on regional performance, ensuring satisfaction for you and your customers.

Check out these Bressingham beauties:

Achillea 'Little Moonshine', p. 2. Very early-blooming, compact version of 'Moonshine.'

Achillea Seduction Series, p. 2. Heat-loving plants with no meltdown.

Coreopsis 'Creme Brulee', p. 17. Upgrades the standard for threadleaf-type Coreopsis.

Leucanthemum Freak!®, p. 40. Fluffy flowers make a real garden showstopper.

Rudbeckia 'Viette's Little Suzy', p. 61. Deep yellow flowers plus mahogany foliage in Fall.

BLOOMS® of Bressingham

Achillea 'Little Moonshine', p. 2

Achillea 'Strawberry Seduction', p. 2

Coreopsis 'Crème Brulee', p. 17

Leucanthemum Freak!, p. 40

Rudbeckia 'Viette's Little Suzy', p. 61

THE BEST OF THE REST

IN ADDITION TO OUR OWN UNBEATABLE GENETICS, DARWIN PERENNIALS BRINGS YOU THE FINEST PERENNIALS ON THE MARKET FROM OTHER LEADING BREEDERS. BUT SOMETIMES WE HAVE OUR FAVORITES FROM AMONG THOSE. BE SURE TO CHECK OUT THESE NOTABLE VARIETIES AND SERIES.

NEW Kudos Agastache (Terra Nova Nurseries, Inc.), p. 4–5. Six fiercely flowering varieties bred for lots of blooms on a mounded habit.

NEW Genti Campanula (Rene van Gaalen B.V.), p. 12–13. Beautiful, Winter-hardy series graces gardens with tons of Summer blooms.

NEW Wheels of Wonder™ Delosperma (Concept Plants B.V.), p. 21. Colorful, big-bloomed, drought-tolerant series lends Summer-long interest to rock gardens.

Gaudi™ Gaura (Florensis), p. 28. Incredibly vibrant blooms on a compact habit that's ideal for small containers.

Sensation™ Salvia (Florensis), p. 67. Nine compact and medium varieties join this series for rich displays of Summer color.

Agastache 'Kudos Mandarin', p. 4–5

Campanula Genti Twisterbell, p. 12–13

Delosperma Wheels of Wonder Golden, p. 21

Gaura Gaudi Red, p. 28

Salvia Sensation Compact Violet, p. 67

CARNIVAL

MIXED CONTAINER IDEA | DARWIN PERENNIALS

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

A CARNIVAL OF COLOR AT A PRICE EVERYONE CAN ENJOY

DARWIN PERENNIALS

Heuchera 'Carnival Black Olive'

DARWIN PERENNIALS

Heuchera 'Carnival Candy Apple'

DARWIN PERENNIALS

Heuchera 'Carnival Cocomint'

DARWIN

Heuchera 'Carnival Coffee Bean'

DARWIN

Heuchera 'Carnival Fall Festival'

DARWIN

Heuchera 'Carnival Limeade'

DARWIN

Heuchera 'Carnival Peach Parfait'

DARWIN PERENNIALS

Heuchera 'Carnival Plum Crazy'

DARWIN PERENNIALS

Heuchera 'Carnival Rose Granita'

DARWIN

Heuchera 'Carnival Silver Streak'

DARWIN

Heuchera 'Carnival Watermelon'

DARWIN PERENNIALS

Heuchera 'Frosty Morn'

Keeps its striking coloration all the way to the garden!

HEUCHERA (CORAL BELLS)

Heuchera x hybrida

CARNIVAL SERIES

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: April to May
USDA Hardiness Zones: 4 to 9
Available as tissue culture-raised liners; contact your rep for more details.
Darwin Perennials

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

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

'Carnival Black Olive'
'Carnival Candy Apple'
'Carnival Cocomint' PP24,927
'Carnival Coffee Bean' PP24,943
'Carnival Fall Festival'
'Carnival Limeade' PP24,899
'Carnival Peach Parfait' PP24,928
'Carnival Plum Crazy' PP24,771
'Carnival Rose Granita'
'Carnival Silver Streak' PP24,770
'Carnival Watermelon' PP24,803

HEUCHERA (CORAL BELLS)

Heuchera sanguinea

'FROSTY MORN'

Height: 8 to 10 in. (20 to 25 cm)
Bloom Months: May to June
USDA Hardiness Zones: 4 to 9
Available as tissue culture-raised liners; contact your rep for more details.
Darwin Perennials

- Consistent, stable variegation won't revert to green.
- Eye-catching foliage has big consumer appeal.
- Does well in mixed shade containers and shady gardens.
- Bright red flowers.

A-Z LISTING

FROM ACHILLEA TO WALDSTEINIA, NEARLY 600 UNROOTED, IN-DEMAND VARIETIES TO SATISFY YOUR EXPANDING PERENNIALS MARKET.

Achillea 'Coronation Gold'

Achillea 'Moonshine'

Achillea 'Paprika'

DARWIN

Achillea New Vintage White

DARWIN PERENNIALS

Achillea New Vintage Red

DARWIN PERENNIALS

Achillea New Vintage Rose

DARWIN PERENNIALS

Achillea New Vintage Violet

Two-time winner! Excellent overall average score for second season, from the Franklin Park Conservatory, Columbus, Ohio.

DARWIN PERENNIALS

Achillea Moon Dust

Compact habit is perfect for containers.

ACHILLEA (YARROW)

Achillea

'CORONATION GOLD'

Height: 36 in. (90 cm)
Bloom Months: Mid-June to July
USDA Hardiness Zones: 3 to 9

Large, deep yellow heads, excellent for drying.

'MOONSHINE'

Height: 18 to 24 in. (45 to 60 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4 to 8
Blooms of Bressingham

• 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.

ACHILLEA (YARROW)

Achillea hybrid

MOON DUST

Height: 12 to 14 in. (30 to 35 cm)
Bloom Months: June to July
USDA Hardiness Zones: 5 to 8
Darwin Perennials
'Novaachdus' PP25,838

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

ACHILLEA (YARROW)

Achillea millefolium

'PAPRIKA'

Height: 24 to 30 in. (60 to 75 cm)
Bloom Months: June to September
USDA Hardiness Zones: 3 to 9

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

ACHILLEA (YARROW)

Achillea millefolium

NEW VINTAGE™ SERIES

Height: 12 to 14 in. (30 to 35 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4 to 9
Darwin Perennials

• Tidy plant habit with no gap between foliage and flowers – outstanding in containers.
• Bold colors mature to attractive shades instead of fading to brown like other varieties.
• Great for late-Spring one-gallon programs.

Red 'Balvinred' PP25,618
Rose 'Balvinrose' PP25,712
Violet 'Balvinolet' PP25,750
White 'Balvinwite' PP25,711

Achillea Little Moonshine

Achillea 'Strawberry Seduction'

Achillea 'Saucy Seduction'

Achillea 'Peachy Seduction'

Achillea 'Sunny Seduction'

Achillea Tutti Frutti 'Pomegranate'

Achillea Tutti Frutti 'Apricot Delight'

Achillea Tutti Frutti 'Pink Grapefruit'

Achillea Tutti Frutti 'Wonderful Wampee'

LITTLE MOONSHINE

Height: 12 to 14 in. (30 to 35 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4 to 8
Blooms of Bressingham
PPAF

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

SEDUCTION SERIES

Height: 23 to 27 in. (58 to 68 cm)
Bloom Months: Mid-June to July
USDA Hardiness Zones: 4 to 8
Blooms of Bressingham

Excellent flowering uniformity with remarkably dense columnar habit.

'Peachy Seduction' PP22,262
'Saucy Seduction' PP20,782
'Strawberry Seduction' PP18,401
'Sunny Seduction' PP20,808

TUTTI FRUTTI SERIES

Height: 22 to 29 in. (56 to 74 cm)
Bloom Months: Mid-June to July
USDA Hardiness Zones: 4 to 8
Blooms of Bressingham

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

'Apricot Delight' PP18,738
'Pink Grapefruit' PP20,741
'Pomegranate' PP20,763
'Wonderful Wampee' PP18,760

ACHILLEA
(YARROW)
Achillea millefolium

SONG SIREN™ COLLECTION

Height: 20 to 22 in. (50 to 55 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4 to 9
Darwin Perennials

- Rich color selection in a garden-height Achillea.
- Color holds up well in the garden.
- Ideal for one- or two-gallon Summer programs.

'Angie'
'Laura'
'Layla'
'Little Susie'
'Pretty Woman'

ACHILLEA
(YARROW)
Achillea tomentosa

'KING EDWARD'

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

Pale primrose-yellow flowers over wooly foliage.

DARWIN PERENNIALS

Achillea Song Siren 'Angie'

Colors as inspired as the songs they're named for!

DARWIN PERENNIALS

Achillea Song Siren 'Pretty Woman'

DARWIN PERENNIALS

Achillea Song Siren 'Laura'

DARWIN PERENNIALS

Achillea Song Siren 'Layla'

DARWIN PERENNIALS

Achillea Song Siren 'Little Susie'

Achillea 'King Edward'

AEGOPODIUM (GOUTWEED)

Aegopodium podagraria

'VARIEGATUM'

Height: 8 to 10 in. (20 to 25 cm)
Bloom Months: Summer
USDA Hardiness Zones: 4 to 9

Green and white variegated groundcover with lacy, creamy white flowers.

Aegopodium 'Variegatum'

MIXED CONTAINER IDEA

Perennial Mixed Container suggestion: Song Siren 'Layla' Achillea, 'Silver Brocade' Artemisia, 'Halo Violet' Viola and EnduraScape™ Hot Pink Verbena

Agastache 'Little Adder'

Mint family member is an outstanding source of nectar for bees and butterflies.

Agastache 'Blue Boa'

Agastache 'Blue Fortune'

NEW FOR 2017

Agastache 'Kudos Silver Blue'

NEW FOR 2017

Agastache 'Kudos Coral'

AGASTACHE (ANISE HYSSOP)

Agastache rugosa

'LITTLE ADDER'

Height: 15 to 18 in. (38 to 45 cm)
Bloom Months: June to September
USDA Hardiness Zones: 5 to 9
Darwin Perennials
PP26,514

- Half the height of 'Black Adder' or 'Blue Fortune,' with better branching.
- Three times the blooms of 'Black Adder' for three times the flower power.
- Great show at retail and in the garden for better sell-through and repeat sales.

AGASTACHE (MEXICAN HYSSOP)

Agastache hybrid

'BLUE BOA'

Height: 32 in. (80 cm)
Bloom Months: June to September
USDA Hardiness Zones: 5 to 10
Terra Nova Nurseries, Inc.
PP24,050

Highly floriferous, with thick purple flower spikes and violet-blue blooms.

'BLUE FORTUNE'

Height: 24 to 36 in. (60 to 90 cm)
Bloom Months: June to September
USDA Hardiness Zones: 6 to 9

Tall spikes of soft blue flowers with fragrant foliage.

KUDOS SERIES

NEW FOR 2017
Height: 20 to 26 in. (50 to 66 cm)
Bloom Months: June to September
USDA Hardiness Zones: 5 to 10
Terra Nova® Nurseries, Inc.

- Uniform, genetically dwarf series with well-branched, mounded habit.
- Resists downy mildew.
- Lots of blooms with Summer-long impact.

'Kudos Ambrosia' PP25,614
'Kudos Coral' PP25,613
'Kudos Gold' PP26,410
'Kudos Mandarin' PP25,381
'Kudos Silver Blue' PP25,344
'Kudos Yellow' PP26,563

'PURPLE HAZE'

Height: 38 in. (96 cm)
Bloom Months: June to September
USDA Hardiness Zones: 6 to 10

Cool violet-blue flowers last into Fall.

Agastache 'Kudos Mandarin'

Agastache 'Kudos Ambrosia'

Agastache 'Kudos Gold'

Agastache 'Kudos Yellow'

Agastache 'Purple Haze'

ATTRACT POLLINATORS!

Darwin Perennials offers a number of varieties that appeal to bees and other pollinators. These varieties have been identified by research as beneficial to pollinators.

Agastache 'Little Adder' and **Kudos Series** (p. 4–5)

Aster 'Purple Dome' (p. 10)

Boltonia Jim Crockett (p. 10)

Buddleia Cran Razz and **Flutterby Petite® Series** (p. 11–12)

Caryopteris Good as Gold (p. 14)

Centaurea 'Lavender Mist' (p. 15)

Eupatorium 'Little Joe' (p. 23)

Gaillardia Gallo™ Series (p. 26–27)

Geranium 'Miss Heidi' (p. 30)

Heliopsis 'Sunstruck' and **'Double Sunstruck'** (p. 31)

Monarda Balmy™ Series (p. 44–45)

Penstemon 'Dark Towers' and **'Prairie Twilight'** and ***Penstemon digitalis* varieties** (p. 48–49)

***Phlox paniculata* Garden Phlox varieties** (p. 53)

***Phlox divaricata* Woodland Phlox varieties** (p. 53)

***Phlox stolonifera* Creeping Phlox varieties** (p. 54)

Rhodanthemum 'Casablanca' and **'Marrakech'** (p. 59)

Rudbeckia 'Viette's Little Suzy' (p. 61)

Salvia 'Radio Red' (p. 62)

Impress customers who are concerned about the environment and crop productivity by promoting Darwin Perennials varieties that attract pollinators!

Ajuga 'Metallica Crispa'

Ajuga 'Black Scallop'

Ajuga 'Bronze Beauty'

Ajuga 'Burgundy Glow'

Ajuga 'Catlin's Giant'

Ajuga 'Mahogany'

Ajuga 'Pink Lightning'

Ajuga 'Silver Queen'

MIXED CONTAINER IDEA

Perennial Mixed Container suggestion: Touch Of Class Polemonium, Swirling Fantasy Heuchera, 'Chocolate Chip' Ajuga

AJUGA (BUGLEWEED)

Ajuga pyramidalis

'METALLICA CRISPA'

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

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

AJUGA (BUGLEWEED)

Ajuga reptans

'BLACK SCALLOP'

Height: 6 in. (15 cm)
Bloom Months: May to June
USDA Hardiness Zones: 4 to 9
PlantHaven, Inc.
PP15,815

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

'BRONZE BEAUTY'

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

Deep bronze foliage topped by blue flower spikes.

'BURGUNDY GLOW'

Height: 3 to 6 in. (7 to 15 cm)
Bloom Months: May to June
USDA Hardiness Zones: 3 to 9

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

'CATLIN'S GIANT'

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

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: 3 to 9

Dark burgundy to black foliage with bright blue flowers.

'PINK LIGHTNING'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: May to June
USDA Hardiness Zones: 3 to 9
Sunny Border Nursery
PP22,255

Green and white variegated leaves with soft pink flower spikes.

Ajuga 'Chocolate Chip'

Photo courtesy of Skagit Gardens

Ajuga 'Dixie Chip'

Ajuga 'Mint Chip'

Amsonia 'Blue Ice'

'SILVER QUEEN'

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

Blue flower spikes over white and green variegated leaves.

AJUGA (BUGLEWEED)

Ajuga x tenorii

'CHOCOLATE CHIP'

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

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

'DIXIE CHIP'

Height: 3 in. (7 cm)
Bloom Months: May to June
USDA Hardiness Zones: 3 to 9
ItSaul Plants LLC
PP20,890

Unique, multi-colored foliage with brilliant blue flowers; spreading habit.

'MINT CHIP'

Height: 3 in. (7 cm)
Bloom Months: May to June
USDA Hardiness Zones: 4 to 9
ItSaul Plants LLC
PP20,734

Narrow, deep green leaves are covered with brilliant blue flowers in Spring.

AMSONIA (BLUE STAR)

Amsonia x hybrida

'BLUE ICE'

Height: 16 in. (40 cm)
Bloom Months: May to June
USDA Hardiness Zones: 4 to 9

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

NEW RHYTHMIX™ COMBOS DELIVER EASY STEPS FOR GROWING SUCCESS!

Expand your premium offerings with unique, easy-care **RhythMix™** perennial combos from Darwin Perennials. Perfectly choreographed for dramatic designs, these colorful combos let you take the lead with easy scheduling, growing and shipping.

Featuring popular vegetative and seed varieties, each one of the RhythMix Combos has undergone thorough trials and has been carefully selected, keeping your needs in mind.

Want to get creative? Make your own perennial combos! See our suggestions on pages 3 and 6.

The bottom line: RhythMix Combos help you manage costs, put on a good show of color at retail and give gardeners long-lasting flower power through Summer heat.

RhythMix liners are available to meet key finish dates – you'll find combo photos and variety lists, supplier info and more at **darwinperennials.com/rhythmix.**

DARWIN PERENNIALS

Alyssum 'Golden Spring'

GOLDEN SPRING

Works well in mixed containers!

ALYSSUM

Alyssum wulfenianum

'GOLDEN SPRING'

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

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

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

Armeria 'Nifty Thrifty'

Armeria 'Rubrifolia'

Artemesia French Tarragon

Artemesia 'Silver Brocade'

Artemesia 'Powis Castle'

ARMERIA
(THRIFT, SEA PINKS)
Armeria maritima

'NIFTY THRIFTY'

Height: 8 to 10 in. (20 to 25 cm)
Bloom Months: May to July
USDA Hardiness Zones: 4 to 8

Compact green foliage with cream edges, rose-red globular flowers.

'RUBRIFOLIA'

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

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

ARTEMISIA
(WORMWOOD)
Artemisia arborescens

'POWIS CASTLE'

Height: 24 to 30 in. (60 to 75 cm)
Bloom Months: July
USDA Hardiness Zones: 5 to 9

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

ARTEMISIA
(WORMWOOD)
Artemisia dracunculus sativa

FRENCH TARRAGON

Height: to 36 in. (90 cm)
Bloom Months: Non-flowering
USDA Hardiness Zones: 3 to 7

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

ARTEMISIA
(WORMWOOD)
Artemisia schmidtiana

'SILVER MOUND'

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

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: 3 to 8

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

Artemesia 'Silver Mound'

DARWIN PERENNIALS

Boltonia Jim Crockett

Popular perennial scored very good to outstanding in trials from Georgia to Minnesota.

NEW FOR 2017

Buddleia Berry Fizz

Drought and heat-tolerant Buddleias are first choice for low-water gardens.

Aster 'Purple Dome'

Aster 'Professor Anton Kippenburg'

Aster 'Wood's Pink'

Aster 'Wood's Purple'

Aster Moench

Buddleia 'Black Knight'

ASTER

Aster novae angliae

'PURPLE DOME'

Height: 20 in. (50 cm)
Bloom Months: August to October
USDA Hardiness Zones: 4 to 9

Solid masses of purple flowers with yellow centers.

ASTER

Aster novi-belgii

'PROFESSOR ANTON KIPPENBURG'

Height: 15 in. (38 cm)
Bloom Months: Late Summer to Fall
USDA Hardiness Zones: 4 to 8

Lavender-blue flowers with gold centers.

'WOOD'S PINK'

Height: 12 to 18 in. (30 to 45 cm)
Bloom Months: Late Summer to Fall
USDA Hardiness Zones: 4 to 8

Pale pink flowers with light yellow centers.

'WOOD'S PURPLE'

Height: 12 to 18 in. (30 to 45 cm)
Bloom Months: Late Summer to Fall
USDA Hardiness Zones: 4 to 8

Purple-blue flowers with light yellow centers.

ASTER

Aster x frikartii

MOENCH

Height: 24 in. (60 cm)
Bloom Months: Late Summer to Fall
USDA Hardiness Zones: 4 to 8

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

BOLTONIA (FALSE ASTER)

Boltonia asteroides var. latisquama

JIM CROCKETT

Height: 18 to 24 in. (45 to 60 cm)
Bloom Months: May to September
USDA Hardiness Zones: 4 to 9
Darwin Perennials
'Mabolimket' PP16,678

- Early and free-flowering U.S. native species.
- Medium to dark green foliage and abundant lavender blooms with yellow centers.
- Compact, mounded habit.

Buddleia Blaze Pink

The first really pink Buddleia!

Buddleia Cran Razz

A great pollinator plant – bees and hummingbirds love the deep cranberry-color flowers!

BUDDLEIA (BUTTERFLY BUSH)

Buddleia davidii

BERRY FIZZ

NEW FOR 2017
Height: 4 to 5 ft. (1.2 to 1.5 m)
Bloom Months: May to September
USDA Hardiness Zones: 5 to 10
Star Roses and Plants
'Bosbrizz'

- Beautiful full habit.
- Long blooming.
- Spectacular color.

'BLACK KNIGHT'

Height: to 7 ft. (2 m)
Bloom Months: July to September
USDA Hardiness Zones: 6 to 9

Deep blue-black flowers and silvery foliage.

BLAZE PINK

NEW FOR 2017
Height: 5 to 6 ft. (1.5 to 1.8 m)
Bloom Months: May to September
USDA Hardiness Zones: 5 to 10
Star Roses and Plants
'Bosblink' PP25,731

- Smaller flowers accented by silvery foliage.
- Long flowering period.
- Drought and heat tolerant.

BUZZ™ SERIES

Height: 4 to 5 ft. (1.2 to 1.5 m)
Bloom Months: July to September
USDA Hardiness Zones: 5 to 10
Cultivaris North America LLC

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

Ivory 'TOBUD072' PP23,464
Lavender 'TOBUDVIOLE' PP22,063
Magenta Improved 'TOBUD0802' PP23,463
Midnight 'TOBUDMIDNI' PPAF
Purple 'TOBUDPIPUR' PP22,064
Sky Blue Improved 'TOBUD0615' PP23,461
Velvet 'TOBUD0703' PP23,462

CRAN RAZZ

NEW FOR 2017
Height: 5 to 6 ft. (1.5 to 1.8 m)
Bloom Months: May to September
USDA Hardiness Zones: 5 to 10
Star Roses and Plants
'Boscranz' PP25,730

- Extremely free-flowering.
- Blooms from Spring until mid-Fall.
- Panicles grow an amazing 8 in. (20 cm) long.

Buddleia Buzz Lavender

Buddleia Buzz Midnight

Buddleia Buzz Velvet

Buddleia Buzz Magenta Improved

Buddleia Buzz Purple

Buddleia Buzz Sky Blue Improved

Buddleia Buzz Ivory

NEW FOR 2017

Buddleia Flutterby Petite Tutti Fruitti Pink

Blue Heaven and Tutti Fruitti Pink are THE first Buddleias to flower and sell at retail, sparking strong Spring sales.

NEW FOR 2017

Buddleia True Blue

The truest blue flowers, with silvery gray foliage.

NEW FOR 2017

Buddleia Flutterby Petite Blue Heaven

FLUTTERBY PETITE®

NEW FOR 2017
Height: 24 to 30 in. (60 to 75 cm)
Bloom Months: May to September
USDA Hardiness Zones: 5 to 10
Star Roses and Plants

- Truly dwarf and compact series.
- Proven cold tolerance.
- Non-invasive varieties.

Blue Heaven 'Podaras #8' PP22,069
Tutti Fruitti Pink 'Podaras #13' PP22,177

TRUE BLUE

NEW FOR 2017
Height: 61 to 73 in. (1.55 to 1.85 m)
Bloom Months: May to September
USDA Hardiness Zones: 5 to 10
Star Roses and Plants
'Bostulu' PP25,708

- Strong stems and upright habit.
- Reblooming, with big flowers.
- Low seed set.

CALAMINTHA (CALAMINT)
Calamintha grandiflora

'VARIEGATA'

Height: 18 in. (45 cm)
Bloom Months: May to July
USDA Hardiness Zones: 6 to 11

Pink flowers on fragrant, variegated white and green foliage.

CAMPANULA (BELLFLOWER)
Campanula garganica

'DICKSON'S GOLD'

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

Blue star-shaped flowers on golden foliage.

CAMPANULA (BELLFLOWER)
Campanula glomerata

GENTI SERIES

NEW FOR 2017
Height: 14 to 19 in. (35 to 48 cm)
Bloom Months: May to July
USDA Hardiness Zones: 3 to 8
Rene van Gaalen B.V.

- Beautiful, long-flowering Campanula.
- Holds its shape well in the garden.
- Very Winter-hardy

Blue 'Allgentibl' PP24,687
Twisterbell 'Allgentitwist' PP25,403
White 'Allgentiw' PP24,686

Campanula Genti Blue

Campanula Genti Twisterbell

Calamintha 'Variegata'

Campanula Genti White

Campanula 'Dickson's Gold'

CAMPANULA
(BELLFLOWER)
Campanula portenschlagiana

'BIRCH HYBRID'

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

A dwarf form with pale blue flowers.

'MISS MELANIE'

Height: 8 in. (20 cm)
Bloom Months: May to July
USDA Hardiness Zones: 5 to 7

Lavender-blue flowers on a compact plant.

CAMPANULA
(BELLFLOWER)
Campanula poscharskyana

'BLUE RIVULET'

Height: 6 in. (15 cm)
Bloom Months: May to July
USDA Hardiness Zones: 4 to 9
Blooms of Bressingham
PP20,082

Vigorous grower features spreading habit and prolific star-shaped, lavender-blue flowers with white eye.

BLUE WATERFALL

Height: 8 in. (20 cm)
Bloom Months: May to July
USDA Hardiness Zones: 4 to 9
Blooms of Bressingham
'Camgood' PP13,161

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

CAMPANULA
(BELLFLOWER)
Campanula punctata

'CHERRY BELLS'

Height: 18 to 24 in. (45 to 60 cm)
Bloom Months: May to July
USDA Hardiness Zones: 4 to 8

Cherry-red bells with creamy spotted interiors and spreading foliage.

Campanula 'Birch Hybrid'

Campanula 'Miss Melanie'

Campanula 'Blue Rivulet'

Campanula Blue Waterfall

Campanula 'Cherry Bells'

Campanula Iridescent Bells

Blooms a long time for better sell-through and excellent garden show.

DARWIN PERENNIALS

Caryopteris Good As Gold

Compact, dense dome of brilliant Spring and Summer foliage.

DARWIN PERENNIALS

Caryopteris Grand Bleu

One of the best blue Caryopteris on the market.

CAMPANULA (BELLFLOWER)

Campanula x hybrida

IRIDESCENT BELLS

Height: 24 to 30 in. (60 to 75 cm)
Bloom Months: April to September
USDA Hardiness Zones: 5 to 8
Burpee
'Iribella' PPAF

- Eggplant-colored buds and light lavender flowers that bloom all Summer long.
- Non-seeding variety won't become invasive in gardens and landscapes.
- Tidy habit for patio containers, smaller beds and mid-borders.

CARYOPTERIS (BLUEBEARD)

Caryopteris hybrid

GOOD AS GOLD

Height: 36 to 48 in. (90 cm to 1.2 m)
Bloom Months: August to October
USDA Hardiness Zones: 7 to 8
Darwin Perennials
'Novacargol' PP26,035

- Tender perennial.
- Chartreuse foliage with violet-blue flowers in late Summer.
- Attracts butterflies.

CARYOPTERIS (BLUEBEARD)

Caryopteris x clandonensis

GRAND BLEU®

Height: 48 in. (1.2 m)
Bloom Months: August to October
USDA Hardiness Zones: 6 to 9
Darwin Perennials
'Inoveris' PP17,837

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

Caryopteris 'Dark Knight'

Centaurea 'Lavender Mist'

Better branching, shorter habit and lots more flower power!

Centaurea 'Amethyst Dream'

Centaurea 'Amethyst in Snow'

Centaurea 'Gold Bullion'

Ceratostigma plumbaginoides

'DARK KNIGHT'

Height: 24 to 36 in. (60 to 75 cm)
Bloom Months: July to September
USDA Hardiness Zones: 6 to 9

Purple flowers complement dark green foliage.

CENTAUREA (CORNFLOWER)

Centaurea montana

'AMETHYST DREAM'

Height: 20 in. (50 cm)
Bloom Months: June to July
USDA Hardiness Zones: 3 to 9
Blooms of Bressingham
PP20,781

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

'AMETHYST IN SNOW'

Height: 14 in. (35 cm)
Bloom Months: June to July
USDA Hardiness Zones: 3 to 9
Blooms of Bressingham
PP18,284

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

'GOLD BULLION'

Height: 12 to 15 in. (30 to 38 cm)
Bloom Months: June to July
USDA Hardiness Zones: 3 to 9
Blooms of Bressingham
PP10,865

High-wattage chartreuse leaves contrast with electric blue blooms in late Spring, early Summer.

'LAVENDER MIST'

Height: 16 to 18 in. (40 to 45 cm)
Bloom Months: April to June
USDA Hardiness Zones: 4 to 9
Burpee
PPAF

- 50% more flowers on a compact habit for plenty of retail appeal.
- Uniform flowering when bulked and overwintered.
- Longer blooming time than other cultivars.

CERATOSTIGMA (LEADWORT)

Ceratostigma plumbaginoides

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

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

Coreopsis Sunny Day

Excellent choice to brighten borders and containers.

Coreopsis Little Bird

Significant advancement in dwarf and rounded habit makes this a great container plant.

CHRYSOGONUM (GREEN & GOLD)

Chrysogonum virginianum

'PIERRE'

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

Yellow daisy flowers on soft green foliage clumps.

COREOPSIS (TICKSEED)

Coreopsis auriculata

'NANA'

Height: 9 in. (22 cm)
Bloom Months: April to June
USDA Hardiness Zones: 3 to 9

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

COREOPSIS (TICKSEED)

Coreopsis grandiflora

SUNNY DAY

Height: 18 to 24 in. (45 to 60 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4 to 9
Darwin Perennials
'Balcorsunay' PP17,405

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

COREOPSIS (TICKSEED)

Coreopsis hybrid

CRUIZIN' MAIN STREET

Height: 18 in. (45 cm)
Bloom Months: June to July
USDA Hardiness Zones: 5 to 9
ItSaul Plants LLC.
PP24,562

Brilliant flowers and dark green, threadleaf foliage.

LITTLE BIRD

Height: 12 to 14 in. (30 to 35 cm)
Bloom Months: June to September
USDA Hardiness Zones: 5 to 9
Darwin Perennials
'Novacorbir' PP26,108

- True dwarf with rounded habit.
- Yellow flowers and dense, narrow foliage.
- Makes a great container plant.

Chrysogonum 'Pierre'

Coreopsis 'Nana'

© The John Henry Company

Coreopsis Cruizin' Main Street

Coreopsis Mayo Clinic Flower of Hope

Coreopsis 'Moonbeam'

© MasterTag

Coreopsis 'American Dream'

© MasterTag

Coreopsis 'Limerock Ruby'

Coreopsis 'Limerock Passion'

Coreopsis Solanna 'Golden Sphere'

DARWIN PERENNIALS

Coreopsis Crème Caramel

Equally at home in mass plantings or containers.

Coreopsis 'Limerock Dream'

Coreopsis 'Crème Brulee'

MAYO CLINIC FLOWER OF HOPE®

Height: 24 in. (60 cm)
Bloom Months: June to July
USDA Hardiness Zones: 5 to 9
ItSaul Plants LLC
'Electric Avenue' PP24,688

Produces lots of screaming yellow flowers with narrow green leaves. Tag purchase required.

SOLANNA™ 'GOLDEN SPHERE'

Height: 8 in. (20 cm)
Bloom Months: May to September
USDA Hardiness Zones: 5 to 9
Danziger "Dan" Flower Farms
PPAF

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

COREOPSIS (TICKSEED)

Coreopsis rosea

'AMERICAN DREAM'

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

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

'LIMEROCK DREAM'

Height: 16 in. (40 cm)
Bloom Months: June to July
USDA Hardiness Zones: 8 to 10
Blooms of Bressingham
PP16,923

Tender perennial has long-blooming daisy flowers that start apricot-pink and mature to hot orange.

'LIMEROCK PASSION'

Height: 16 in. (40 cm)
Bloom Months: June to July
USDA Hardiness Zones: 8 to 10
Blooms of Bressingham
PP15,979

Tender perennial has graceful habit and lavender-pink daisy flowers that mature to lighter pink tones.

'LIMEROCK RUBY'

Height: 16 in. (40 cm)
Bloom Months: June to July
USDA Hardiness Zones: 8 to 10
Blooms of Bressingham
PP15,455

Tender perennial boasts bright ruby-red daisy flowers — a rarity among garden plants!

COREOPSIS (TICKWEED)

Coreopsis verticillata

'CRÈME BRULEE'

Height: 20 in. (50 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4 to 9
Blooms of Bressingham
PP16,096

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

CRÈME CARAMEL™

Height: 18 in. (45 cm)
Bloom Months: May to July
USDA Hardiness Zones: 5 to 9
Darwin Perennials
'Novcorcar' PP22,565

- 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 45 cm)
Bloom Months: June to July
USDA Hardiness Zones: 3 to 9

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

DARWIN PERENNIALS

Coreopsis 'Sylvester'

Long-blooming Sylvester grows fast and full!

DARWIN PERENNIALS

Coreopsis 'Tweety'

Pure yellow blooms are perfect for small spaces – native cultivar in North America.

'ROUTE 66'

Height: 24 to 27 in. (60 to 68 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5 to 9
ItSaul Plants LLC
PP20,609

Yellow flowers with a striking burgundy ring around the crown that bleeds to petal tips as the season progresses.

'SWEET MARMALADE'

Height: 12 in. (30 cm)
Bloom Months: June to July
USDA Hardiness Zones: 5 to 9
Blooms of Bressingham
PP20,702

Flowers open deep orange and mellow to soft apricot-yellow; can become bright yellow in very high temperatures.

'SYLVESTER'

Height: 16 to 20 in. (40 to 50 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4 to 9
Darwin Perennials
PP24,767

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

'TWEETY'

Height: 14 to 16 in. (35 to 40 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4 to 9
Darwin Perennials
PP23,347

• Ever-blooming plant with plenty of sunny yellow flowers.
• Compact, bushy habit requires no PGRs or bulking.
• Ideal for quart programs.

'ZAGREB'

Height: 16 to 24 in. (40 to 60 cm)
Bloom Months: June to July
USDA Hardiness Zones: 3 to 9

Upright, bushy plants bear deep golden yellow flowers.

COREOPSIS (TICKWEED)

Coreopsis x hybrida

'JETHRO TULL'

Height: 15 in. (38 cm)
Bloom Months: May to August
USDA Hardiness Zones: 4 to 9
ItSaul Plants LLC
PP18,789

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

Coreopsis 'Route 66'

Coreopsis 'Zagreb'

Coreopsis 'Jethro Tull'

Coreopsis 'Sweet Marmalade'

NEW FOR 2017

Delosperma 'Alan's Apricot'

NEW FOR 2017

Delosperma Red Mountain Flame

Coreopsis 'Tequila Sunrise'

Coreopsis Hardy Jewel Garnet

Delosperma Lavender Ice

Delosperma Mesa Verde

'TEQUILA SUNRISE'

Height: 14 to 16 in. (35 to 40 cm)
Bloom Months: June to October
USDA Hardiness Zones: 6 to 10
Ken and Linda Smith

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

HARDY JEWEL™ GARNET

Height: 5 to 26 in. (13 to 66 cm)
Bloom Months: June to July
USDA Hardiness Zones: 7 to 10
Terra Nova Nurseries, Inc.
PP22,485

Brilliant, jewel-toned blooms on dense, low-growing mounds of fine foliage.

DELOSPERMA (ICE PLANT)

Delosperma

'ALAN'S APRICOT'

NEW FOR 2017
Height: 2 to 3 in. (5 to 7 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4 to 10
Plant Select

Hardy, drought-tolerant groundcover in shades of apricot with yellow highlights is a Plant Select® award winner.

LAVENDER ICE

Height: 2 to 3 in. (5 to 7 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4 to 9
Plant Select
'Psfave'

Frosted lavender flowers and strong green succulent foliage.

MESA VERDE®

Height: 2 in. (5 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4 to 8
Plant Select
'Kelaidis' PP13,876

Vigorous, compact plants have iridescent salmon-pink flowers and succulent gray-green foliage.

RED MOUNTAIN® FLAME

NEW FOR 2017
Height: 2 to 3 in. (5 to 7 cm)
Bloom Months: June to August
USDA Hardiness Zones: 6 to 9
Plant Select
'PWWG02S'

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

Delosperma Table Mountain

Delosperma cooperi

© The John Henry Company
Delosperma Starburst

Delosperma Red Mountain

Delosperma Fire Spinner

Delosperma 'Jewel of Desert Garnet'

Delosperma 'Jewel of Desert Ruby'

NEW FOR 2017

Delosperma 'Jewel of Desert Grenade'

TABLE MOUNTAIN®

Height: 2 in. (5 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4 to 9
Plant Select
'John Proffitt'

Shimmering fuchsia blooms with white centers.

DELOSPERMA (ICE PLANT)

Delosperma congestum

Height: 2 in. (5 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5 to 10

(NOT SHOWN) Cheery yellow flowers on tight, succulent foliage.

DELOSPERMA (ICE PLANT)

Delosperma cooperi

Height: 3 in. (7 cm)
Bloom Months: June to August
USDA Hardiness Zones: 6 to 10

Rose-pink flowers on mats of succulent leaves.

DELOSPERMA (ICE PLANT)

Delosperma dyeri

RED MOUNTAIN®

Height: 2 in. (5 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5 to 8
Plant Select
'Psdold'

- Shiny, light red blooms on robust, evergreen plants.
- Plenty of flowers throughout the growing season.
- A great groundcover for slopes and borders.

DELOSPERMA (ICE PLANT)

Delosperma floribundum

STARBURST®

Height: 4 in. (10 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4 to 9
Plant Select

Orchid-pink blooms accented with white centers.

NEW FOR 2017

Delosperma 'Jewel of Desert Amethyst'

NEW FOR 2017

Delosperma 'Jewel of Desert Opal'

Delosperma 'Jewel of Desert Rosequartz'

Delosperma 'Jewel of Desert Topaz'

Delosperma 'Jewel of Desert Peridot'

Delosperma 'Jewel of Desert Moonstone'

NEW FOR 2017

Delosperma Wheels of Wonder Violet Wonder

NEW FOR 2017

Delosperma Wheels of Wonder Fire Wonder

NEW FOR 2017

Delosperma Wheels of Wonder Hot Pink Wonder

NEW FOR 2017

Delosperma Wheels of Wonder Orange Wonder

NEW FOR 2017

Delosperma Wheels of Wonder Golden Wonder

NEW FOR 2017

Delosperma Wheels of Wonder White Wonder

DELOSPERMA (ICE PLANT)

Delosperma hybrid

FIRE SPINNER®

Height: 2 to 3 in. (5 to 7 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5 to 8
Plant Select
'P001S'

Tricolored flowers of orange, magenta and white with succulent green foliage.

JEWEL OF DESERT SERIES

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5 to 10
Concept Plants B.V.

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

NEW **'Jewel of Desert Amethyst'** PPAF
'Jewel of Desert Garnet' PP23,471
NEW **'Jewel of Desert Grenade'** PPAF
'Jewel of Desert Moonstone' PP23,491
NEW **'Jewel of Desert Opal'** PPAF
'Jewel of Desert Peridot' PP23,566
'Jewel of Desert Rosequartz' PP23,452
'Jewel of Desert Ruby' PP23,453
'Jewel of Desert Topaz' PP23,492

WHEELS OF WONDER™ SERIES

NEW FOR 2017
Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5 to 9
Concept Plants B.V

- Perfect for rock gardens.
- Drought tolerant.
- Large flowers.

Fire Wonder 'WOWDAY2' PP25,645
Golden Wonder 'WOWD20111' PP25,684
Hot Pink Wonder 'WOWDRY1' PPAF
Orange Wonder 'WOWDOY3' PP25,600
Violet Wonder 'WOWDRW5' PP25,572
White Wonder 'WOWDW7' PP25,599

DELOSPERMA (ICE PLANT)

Delosperma nubigenum

Height: 2 to 3 in. (5 to 7 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5 to 9

(NOT SHOWN) Spreading, succulent leaves and deep yellow flowers.

NEW FOR 2017

Erysimum Coral Glow

NEW FOR 2017

Erysimum Golden Glow

NEW FOR 2017

Erysimum Orange Glow

Erysimum Winter 'Joy Improved'

Erysimum Winter Sorbet Improved

Erysimum Winter Orchid

Erysimum Winter 'Passion'

Erysimum Winter 'Rouge'

Erysimum Winter Sun

ERYSIMUM (WALLFLOWER)

Erysimum x hybrida

GLOW SERIES

NEW FOR 2017
Height: 8 to 10 in. (20 to 25 cm)
Bloom Months: March to June
USDA Hardiness Zones: 5 to 9
Cultivaris North America LLC

Low-growing Erysimum has improved hardiness and bright colors for early Spring.

Coral
Golden
Orange 'INNERY02'

WINTER™ SERIES

Height: 18 in. (45 cm)
Bloom Months: April to May
USDA Hardiness Zones: 8 to 11
Cultivaris North America LLC

Long-blooming tender perennials have lovely, fragrant flowers on green, linear foliage in early Spring.

'Joy Improved'
'Light'
Orchid 'INNERYWHINORCH' PP22,467
NEW **'Party'**
'Passion'
'Rouge'
Sorbet Improved 'INNERYWS'
Sun 'INERYWISUN'

NEW FOR 2017

Erysimum Winter 'Party'

DARWIN PERENNIALS

Eupatorium 'Little Joe'

Strong, sturdy stems won't flop!

Erysimum Winter 'Light'

Eupatorium 'Gateway'

© The John Henry Company

Erysimum 'Bowles Mauve'

© The John Henry Company

Eupatorium 'Chocolate'

ERYSIMUM (WALLFLOWER)

Erysimum linifolium

'BOWLES MAUVE'

Height: 12 to 15 in. (30 to 38 cm)
Bloom Months: April to May
USDA Hardiness Zones: 6 to 8
'Balchermauv' PP26,604

Narrow, gray-green leaves and large flower heads with bright lavender blooms.

EUPATORIUM (JOE-PYE WEED)

Eupatorium dubium

'LITTLE JOE'

Height: 3 to 4 ft. (90 cm to 1.2 m)
Bloom Months: August to September
USDA Hardiness Zones: 3 to 9
Darwin Perennials
PP16,122

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

EUPATORIUM (JOE-PYE WEED)

Eupatorium maculatum

'GATEWAY'

Height: 5 to 6 ft. (1.5 to 1.8 m)
Bloom Months: July to September
USDA Hardiness Zones: 4 to 8

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

EUPATORIUM (JOE-PYE WEED)

Eupatorium rugosum

'CHOCOLATE'

Height: 4 to 5 ft. (1.2 to 1.5 m)
Bloom Months: August to September
USDA Hardiness Zones: 4 to 8

Upright perennial with dark bronze-purple, lanceolate foliage and creamy white flowers.

REDESIGNED WEBSITE

Our NEW **DarwinPerennials.com** website looks fantastic on your mobile phone! Useful information on perennials is now easily accessible 24/7 on multiple platforms.

Quickly locate specific plant details and culture in a convenient format. Find hardiness zone, plant habit, height and width, watering and fertilizer needs, recommended spacing and exposure, and general information about each plant.

Watch helpful videos including:
• Presentations of the latest new varieties from Darwin Perennials
• A closer look at **Darwin Colombia**, our new production farm

Learn about upcoming events and the latest updates in the world of perennials.

Visit **'Ask The Experts'** to get growing and selling info from Darwin Perennials' plant-loving professionals.

View listings of suppliers to find the perfect source for your needs.

All this and more is at your fingertips via your computer or mobile device!

Euphorbia Red Velvet

Strong red color sparks Summer and Fall programs and sales.

EUPHORBIA (SPURGE)
Euphorbia amygdaloides

RED VELVET

Height: 18 to 20 in. (45 to 50 cm)
Bloom Months: March to May
USDA Hardiness Zones: 6 to 10
Florensis
'Floreupred' PPAF

• Striking foliage survives Summer heat and intensifies into Fall.
• Perfect for container gardens and landscapes.
• Thrives in full sun and well-drained soils.

RUBY GLOW

Height: 12 to 18 in. (30 to 45 cm)
Bloom Months: March to May
USDA Hardiness Zones: 6 to 11
PlantHaven, Inc.
'Waleuphglo' PP22,200

Eye-catching, ruby foliage on compact plants with spreading habit.

EUPHORBIA (SPURGE)
Euphorbia characias x martinii

BLACKBIRD

Height: 14 to 16 in. (35 to 40 cm)
Bloom Months: Spring to Summer
USDA Hardiness Zones: 6 to 9
PlantHaven, Inc.
'Nothowlee' PP17,178

• Chartreuse flowers contrast with dark purple foliage.
• Foliage is dark green when planted in shadier areas.
• Compact, bushy habit.

EUPHORBIA (SPURGE)
Euphorbia polychroma

'BONFIRE'

Height: 10 in. (25 cm)
Bloom Months: Spring to Summer
USDA Hardiness Zones: 5 to 9
Blooms of Bressingham
PP18,585

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

Euphorbia Ruby Glow

Euphorbia 'Ascot Rainbow'

Euphorbia Blackbird

Euphorbia 'Bonfire'

Euphorbia 'Blue Haze'

Euphorbia 'Shorty'

Euphorbia Tiny Tim

EUPHORBIA
(SPURGE)
Euphorbia sequieriana x nicaeensis

'BLUE HAZE'

Height: 12 to 18 in. (30 to 45 cm)
Bloom Months: April to May
USDA Hardiness Zones: 7 to 9
PlantHaven, Inc.
PP14,868

Tender perennial's blue foliage, red stems and yellow flowers make a stunning display.

EUPHORBIA
(SPURGE)
Euphorbia wulfenii

'SHORTY'

Height: 24 in. (60 cm)
Bloom Months: April to May
USDA Hardiness Zones: 7 to 9
ItSaul Plants LLC
PP19,808

Tender perennial has blue-green foliage and large yellow blooms.

EUPHORBIA
(SPURGE)
Euphorbia x martinii

'ASCOT RAINBOW'

Height: 20 in. (50 cm)
Bloom Months: April to May
USDA Hardiness Zones: 6 to 9
PlantHaven, Inc.
PP21,401

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

TINY TIM

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: April to May
USDA Hardiness Zones: 6 to 9
PlantHaven, Inc.
'Waleutiny' PP16,930

Fleshy, medium green leaves topped with spikes of chartreuse flowers with red eyes.

GALLO™

Gaillardia Gallo Dark Bicolor

GALLO ROLLS OUT
A BRIGHT BLANKET
OF COLOR FROM
SUMMER INTO FALL

Gaillardia Gallo 'Bright Red'

Gaillardia Gallo 'Red'

Gaillardia Gallo 'Fire'

Gaillardia Gallo Dark Bicolor

Gaillardia Gallo 'Yellow Trumpet'

Gaillardia Gallo Peach

Gaillardia Gallo Yellow

Gaillardia 'Celebration'

Gaillardia 'Fanfare Blaze'

Gaillardia 'Fanfare Citronella'

Galium odoratum

GAILLARDIA
(BLANKET FLOWER)

Gaillardia aristata

GALLO™ SERIES

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: June to frost
USDA Hardiness Zones: 6 to 8
Florensis

Long-blooming for stunning Summer borders.

- Compact series with a uniform flower canopy.
- Excellent performance in containers.
- Heat-tolerant plants bloom all Summer, well into Fall.

Gallo 'Bright Red'
Gallo Dark Bicolor 'Kiegaldab' PP20,718
Gallo 'Fire'
Gallo Peach 'Kiegalpea' PP20,717
Gallo 'Red'
Gallo Yellow 'Kiegalyel' PP20,716
Gallo 'Yellow Trumpet'

GAILLARDIA
(BLANKET FLOWER)

Gaillardia x hybrida

'CELEBRATION'

Height: 16 in. (40 cm)
Bloom Months: June to frost
USDA Hardiness Zones: 5 to 9
PlantHaven, Inc.
PPAF

Long-blooming, colorfast variety has elegant red flowers on strong stems.

GAILLARDIA
(BLANKET FLOWER)

Gaillardia x grandiflora

'FANFARE BLAZE'

Height: 12 in. (30 cm)
Bloom Months: June to frost
USDA Hardiness Zones: 5 to 9
PlantHaven, Inc.
PP23,494

Unsurpassed performance in containers, beds and borders, with unique pinwheel blooms in warm, burnt orange tones.

'FANFARE CITRONELLA'

Height: 21 in. (52 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5 to 9
PlantHaven, Inc.
PPAF

Floriferous variety with sunny, bright yellow pinwheel flowers is great in containers, beds, borders.

GALIUM
(SWEET WOODRUFF)

Galium odoratum

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

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

Gaura Gaudi Red

A trio of incredibly vibrant blooms.

Gaura 'Whiskers Deep Rose'

Unique contrasting flower parts add new color interest to a popular class.

GAURA (WAND FLOWER)

Gaura lindheimeri

GAUDI™ SERIES

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

- Compact, well-branched habit.
- Darker foliage in cooler temperatures.
- Makes a beautiful container plant.

Red 'Florgaure' PP26,518
Rose
Pink

'PASSIONATE BLUSH'

Height: 18 to 24 in. (45 to 60 cm)
Bloom Months: May to September
USDA Hardiness Zones: 7 to 9
PlantHaven, Inc.
'SME-2' PP27,293

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

'PASSIONATE RAINBOW'

Height: 18 to 24 in. (45 to 60 cm)
Bloom Months: May to September
USDA Hardiness Zones: 7 to 9
PlantHaven, Inc.
PP17,002

Tender perennial has variegated green leaves bordered in creamy white with pink flowers; tight-flowering with dense habit.

PINK FOUNTAIN

Height: 24 to 36 in. (60 to 90 cm)
Bloom Months: May to September
USDA Hardiness Zones: 6 to 9
PlantHaven, Inc.
'Walgaupf' PP15,555

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

'SISKIYOU PINK'

Height: 24 to 36 in. (60 to 90 cm)
Bloom Months: May to September
USDA Hardiness Zones: 6 to 9

Clusters of bright, red-pink flowers with white stamens on willowy foliage.

SNOW FOUNTAIN

Height: 24 to 36 in. (60 to 90 cm)
Bloom Months: May to September
USDA Hardiness Zones: 6 to 9
PlantHaven, Inc.
'Walsnofou' PP19,376

Extraordinary upright habit with strong stems and masses of heavy white blooms.

'WHIRLING BUTTERFLIES'

Height: 23 to 35 in. (58 to 88 cm)
Bloom Months: May to October
USDA Hardiness Zones: 6 to 9

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

Gaura Gaudi Rose

Gaura Gaudi Pink

Photo Courtesy of Skagit Gardens

Gaura 'Passionate Blush'

Photo Courtesy of Skagit Gardens

Gaura 'Passionate Rainbow'

Gaura Pink Fountain

Gaura 'Siskiyou Pink'

Gaura Snow Fountain

Gaura 'Whirling Butterflies'

DARWIN PERENNIALS

Gaura Ballerina Blush

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

DARWIN PERENNIALS

Gaura 'Little Janie'

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

Gaura Belleza Dark Pink

A great-looking companion plant in containers and landscapes.

'WHISKERS DEEP ROSE'

Height: 14 to 16 in. (35 to 40 cm)
Bloom Months: April to September
USDA Hardiness Zones: 6 to 9
Darwin Perennials
PP26,399

- White filaments set off deep rose petals.
- Compact, bushy habit and dark red foliage.
- A great container item for impulse sales.

BALLERINA™ SERIES

Height: 12 to 18 in. (30 to 45 cm)
Bloom Months: April to September
USDA Hardiness Zones: 6 to 9
Darwin Perennials

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

Blush 'Baltinblus' PP14,683
Rose 'Baltinrose' PP14,635
White 'Baltincite' PP20,326

BELLEZA™ SERIES

Height: 12 to 18 in. (30 to 45 cm)
Bloom Months: May to September
USDA Hardiness Zones: 6 to 9
Selecta

- Excellent branching with short flower stems.
- Dark Pink and White Improved have upright habits; Compact Light Pink is mounded.
- Compact Light Pink is well-suited to high-density programs.

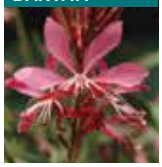
Compact Light Pink 'KLEGL06261'
Dark Pink 'KLEAU04263'
NEW White Improved 'KLEGL14844'

'LITTLE JANIE'

Height: 16 to 18 in. (40 to 45 cm)
Bloom Months: April to September
USDA Hardiness Zones: 6 to 9
Darwin Perennials
PP26,356

- 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.

DARWIN



Gaura Ballerina Rose

DARWIN

Gaura Ballerina White

Gaura Belleza Compact Light Pink

NEW FOR 2017

Gaura Belleza White Improved

DARWIN PERENNIALS

Geranium 'Miss Heidi'

Excellent performance in its first season trial (2015) by University of Minnesota, Morris, Minnesota.

Geum 'Totally Tangerine'

NEW FOR 2017

Geum Cocktails 'Alabama Slammer'

Geum Cocktails 'Mai Tai'

Photo Courtesy of Skagit Gardens

Geum Cocktails 'Tequila Sunrise'

GERANIUM (CRANESBILL)

Geranium oxonianum

'MISS HEIDI'

Height: 14 to 16 in. (35 to 40 cm)
Bloom Months: April to June
USDA Hardiness Zones: 4 to 9
Darwin Perennials
PPAF

- Compact habit holds its shape well in containers.
- Attractive pink flowers, patterned foliage with chocolate brown blotch.
- Long blooming time, with heavy flowering in Spring.

GEUM (AVENS)

Geum chiloense x rivale

'TOTALLY TANGERINE'

Height: 30 in. (75 cm)
Bloom Months: May to June
USDA Hardiness Zones: 4 to 8
PlantHaven, Inc.
PP22,041

Large apricot blooms form sprays of color for a long flowering period; robust habit.

GEUM (AVENS)

Geum hybrid

COCKTAILS™ SERIES

Height: 11 to 14 in. (28 to 35 cm)
Bloom Months: May to June
USDA Hardiness Zones: 5 to 7
Intrinsic Perennial Gardens

Hybrid series features good vigor and disease tolerance.

NEW **'Alabama Slammer'** PP23,750
NEW **'Banana Daiquiri'** PP25,351
'Mai Tai' PP22,433
'Tequila Sunrise' PP21,514

GYPSOPHILA (BABY'S BREATH)

Gypsophila paniculata

FESTIVAL SERIES

Height: 12 to 18 in. (30 to 45 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5 to 11
Danziger "Dan" Flower Farms

Semi-double, long-blooming flowers, glaucous foliage and mounding habit.

Pink
Snow
Festival Star® 'Danfestar' PP14,818

NEW FOR 2017

Geum Cocktails 'Banana Daiquiri'

Gypsophila Festival Pink

Gypsophila Festival Snow

Gypsophila Festival Star

Hedera English Ivy

Hedera 'Thorndale'

Helenium Mardi Gras

Helenium 'Ruby Tuesday'

DARWIN PERENNIALS

Heliopsis 'Double Sunstruck'

Semi-double flowers on free-branching plants make a striking season extender.

DARWIN PERENNIALS

Heliopsis 'Sunstruck'

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

Heliopsis 'Bressingham Doubloon'

Heliopsis 'Loraine Sunshine'

HEDERA (IVY)
Hedera helix

ENGLISH IVY

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: None
USDA Hardiness Zones: 5 to 10

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

'THORNDALE'

Height: 3 to 5 in. (7 to 13 cm)
Bloom Months: None
USDA Hardiness Zones: 5 to 9

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

HELENIUM (HELEN'S FLOWER)
Helenium autumnale

MARDI GRAS

Height: 36 to 40 in. (90 to 101 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4 to 8
Blooms of Bressingham
'Helbro' PP15,124

• Produces a riot of "tie-dyed" blooms with deep brown, mounded center cones.
• Forms upright clumps with sturdy stems that sway in the Summer breeze.
• Massed plantings form tight, shrubby bushes of impressive size in two years.

HELENIUM (HELEN'S FLOWER)
Helenium hybrida

'RUBY TUESDAY'

Height: 28 to 30 in. (70 to 75 cm)
Bloom Months: July to September
USDA Hardiness Zones: 4 to 8
Inspiration Plant
PP18,234

Very compact variety with plenty of small, dark red flowers.

HELIOPSIS (OX-EYE)
Heliopsis helianthoides

'BRESSINGHAM DOUBLOON'

Height: 4 to 5 ft. (1.2 to 1.5 m)
Bloom Months: June to September
USDA Hardiness Zones: 3 to 9
Blooms of Bressingham
PP11,270

Semi-double, true golden flowers on strong, sturdy stems–no staking needed!

'DOUBLE SUNSTRUCK'

Height: 14 to 16 in. (35 to 40 cm)
Bloom Months: May to July
USDA Hardiness Zones: 4 to 9
Darwin Perennials
PP26,608

• Compact habit lets growers ship more plants per rack.
• Intense yellow flowers and variegated foliage command attention.
• Long-flowering plants light up Spring and Summer gardens.

'SUNSTRUCK'

Height: 14 to 16 in. (35 to 40 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4 to 9
Darwin Perennials
PP25,524

• 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 one-gallon containers with more plants per rack and lower input costs.

'LORAINE SUNSHINE'

Height: 30 in. (75 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4 to 9
Blooms of Bressingham
PP10,690

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

HERBS

YOU'LL FIND A WIDE VARIETY OF THE MOST POPULAR CULINARY PERENNIAL HERBS BY USING THIS EASY HERB INDEX.

ARTEMISIA/FRENCH TARRAGON p. 9

MENTHA/MINT p. 43

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Chocolate Mint
Citrata
Ginger Mint
Kentucky Colonel
Mojito
Peppermint
Spanish Mint
Spearmint
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OCIMUM/BASIL p. 47

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Aureum
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Barbecue
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Huntington Carpet
Madeline Hill
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Berggarten
Berggarten Variegated
Garden Sage

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English Thyme
French Thyme
Golden Lemon Thyme
Lemon Thyme
Orange Thyme
Silver Edged Thyme
Variegated

Hypericum Hypearl Star

Iberis 'Purity'

Hypericum calycinum

Hypericum Hypearl Red

Hypericum Hypearl Yellow

Iberis 'Alexander's White'

HYPERICUM (ST. JOHN'S WORT)

Hypericum calycinum

Height: 15 to 18 in. (38 to 45 cm)
Bloom Months: May to July
USDA Hardiness Zones: 5 to 9

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

HYPERICUM (ST. JOHN'S WORT)

Hypericum inodorum

HYPEARL® COMPACT SERIES

Height: 18 in. (45 cm)
Bloom Months: May to June
USDA Hardiness Zones: 6 to 9
De Ruiter Innovations B.V.

Compact, well-branched shrubs for landscapes and containers have star-shaped flowers in Spring and showy berries in Summer.

Red 'Ruihyi174a'
Star 'Ruihyg219a' PP26,342
Yellow 'Ruihyh002a' PP26,341

IBERIS (EVERGREEN CANDYTUFT)

Iberis sempervirens

'ALEXANDER'S WHITE'

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

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: 3 to 8

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

DARWIN PERENNIALS

Iberis 'White Heat'

Extremely long-blooming variety for a longer selling window.

DARWIN PERENNIALS

Iberis 'Lavish'

Long-blooming variety in a color consumers love!

IBERIS (EVERGREEN CANDYTUFT)

Iberis amara

'WHITE HEAT'

Height: 8 to 10 in. (20 to 25 cm)
Bloom Months: January to August
USDA Hardiness Zones: 7 to 10
Darwin Perennials
PPAF

- No vernalization needed for flowering.
- Ideal for very early sales in the South.
- High heat tolerance.

IBERIS (EVERGREEN CANDYTUFT)

Iberis gibraltarica

'LAVISH'

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: April to August
USDA Hardiness Zones: 6 to 9
Darwin Perennials
PPAF

- Requires no vernalization for flowering.
- Long bloom time, with deep lavender flowers.
- Great in mixed containers.

LAMIASTRUM (YELLOW ARCHANGEL)

Lamiastrum galeobdelon

'HERMAN'S PRIDE'

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

Trailing habit of green and silver leaves with yellow flowers.

'VARIEGATUM'

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

Silver-spotted with yellow flowers in Spring.

LAMIUM (SPOTTED DEADNETTLE)

Lamium maculatum

'ANNE GREENAWAY'

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

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: 3 to 9

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

© MasterTag

Lamiastrum 'Herman's Pride'

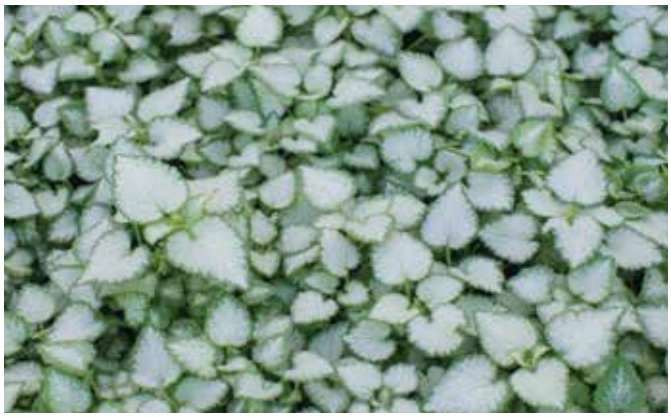
Lamiastrum 'Variegatum'

Lamium 'Anne Greenaway'

Lamium 'Beacon Silver'

Lamium 'Orchid Frost'

Lamium 'Pink Pewter'



Lamium 'Purple Dragon'

Lamium 'Shell Pink'

Lamium 'White Nancy'

'ORCHID FROST'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: April to May
USDA Hardiness Zones: 4 to 9
PlantHaven, Inc.
PP11,122

- Orchid-pink flowers rebloom in Fall.
- Good resistance to leaf spots.
- Low-maintenance garden performer.

'PINK PEWTER'

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

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

'PURPLE DRAGON'

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

- Rich purple spikes contrast with bright silvery foliage.
- Snapdragon-like flowers.
- Robust habit.

'SHELL PINK'

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

Soft pink flowers – excellent for shaded border or container.

'WHITE NANCY'

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

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

DARWIN PERENNIALS

Lavandula SuperBlue

Excellent performer boasts the biggest blooms! Scored 4.7/5 average during July-Sept. Best of Species at Penn State University, Landisville, Pennsylvania, first season.

NEW FOR 2017

Lavandula Big Time Blue

LAVANDULA (LAVENDER)

Lavandula angustifolia

BIG TIME BLUE

NEW FOR 2017
Height: 22 to 24 in. (55 to 60 cm)
Bloom Months: May to August
USDA Hardiness Zones: 5 to 9
Concept Plants B.V.
'Armtipp01' PP24,827

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

'BLUE CUSHION'

Height: 16 in. (40 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5 to 8
Blooms of Bressingham
PP9,119

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

'HIDCOTE'

Height: 12 in. (30 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5 to 8

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

'JEAN DAVIS'

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5 to 8

Pale pink flowers over silvery foliage.

'MUNSTEAD'

Height: 14 to 18 in. (35 to 45 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5 to 8

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

PLATINUM BLONDE™

Height: 16 to 24 in. (40 to 60 cm)
Bloom Months: June to August
USDA Hardiness Zones: 6 to 9
Cultivaris North America LLC
'Momparler' PP23,834

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

SUPERBLUE

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5 to 8
Darwin Perennials
'Balavurlu' PP24,929

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

Lavandula 'Blue Cushion'

Lavandula 'Hidcote'

Lavandula 'Jean Davis'

Lavandula 'Munstead'

Lavandula Platinum Blonde

Lavandula 'Thumbelina Leigh'

Lavandula 'Vera'

Lavandula French Lavender

Lavandula pinnata

Lavandula 'Silver Anouk'

DARWIN PERENNIALS

Lavandula 'Anouk'

Reblooming Spanish Lavenders have excellent weather tolerance and retail shelf life.

Lavandula Anouk Supreme

Lavandula Double Anouk

Lavandula Anouk Deep Rose

Lavandula White Anouk

'THUMBELINA LEIGH'

Height: 9 to 11 in. (23 to 28 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5 to 8
Kiwi Floral Limited
PP15,231

Compact habit with sturdy stems of fragrant foliage and purple flowers.

'VERA'

Height: 24 to 30 in. (60 to 75 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5 to 8

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

LAVANDULA (LAVENDER)

Lavandula dentata

FRENCH LAVENDER

Height: 28 in. (70 cm)
Bloom Months: June to August
USDA Hardiness Zones: 8 to 9

Tender perennial; purple-blue flowers are smaller than *L. angustifolia*.

LAVANDULA (FERNLEAF LAVENDER)

Lavandula pinnata

Height: 24 in. (60 cm)
Bloom Months: June to August
USDA Hardiness Zones: 9 to 11

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

LAVANDULA (LAVENDER)

Lavandula stoechas

ANOUK SERIES

Height: 14 to 18 in. (35 to 45 cm); 'Silver Anouk' 20 to 24 in. (50 to 60 cm)
Bloom Months: March to September
USDA Hardiness Zones: 6 to 9
Darwin Perennials

- Outstanding in containers and landscapes.
- High resistance to foliar disease.
- 'Anouk' has dark violet flower spikes topped by clear purple flags.
- Anouk Supreme flowers one week earlier than Anouk.
- Deep Rose has deep rose flags on lavender-rose flowers.
- Double Anouk has double lavender flags on purple flowers.
- 'Silver Anouk' is compact and upright with narrow, blue-silver foliage.
- White Anouk has bright white, non-burning flags on blue flowers.

'Anouk' PP16,685
Deep Rose 'Anouk Deluxe 179' PP26,493
Double Anouk 'Anouk Deluxe 1205' PPAF
'Silver Anouk' PP20,068
Anouk Supreme 'Anouk Deluxe 901' PP26,495
White Anouk 'Anouk Deluxe 10173' PPAF

Lavandula Bright Luxurious

Compact variety is perfect for small novelty containers... and big sell-through!

Lavandula Luxurious

Long-flowering Lavender is as tough as it is beautiful!

BRIGHT LUXURIOUS

Height: 14 to 18 in. (35 to 45 cm)
Bloom Months: March to July
USDA Hardiness Zones: 6 to 9
Darwin Perennials
'Anouk Deluxe 1956' PP26,496

- Full, compact habit.
- Excellent reblooming variety.
- Can be grown in quarts and specialty containers.
- Lighter color flags than Luxurious.

LUXURIOUS

Height: 14 to 18 in. (35 to 45 cm)
Bloom Months: March to July
USDA Hardiness Zones: 6 to 9
Darwin Perennials
'Anouk Deluxe 109' PP26,494

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

'OTTO QUAST'

Height: 24 to 30 in. (60 to 75 cm)
Bloom Months: June to August
USDA Hardiness Zones: 7

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

Lavandula Bright Luxurious

Lavandula Luxurious

Lavandula 'Otto Quast'

© The John Henry Company

Lavandula 'Goodwin Creek Grey'

Lavandula Phenomenal

Lavandula 'Dilly Dilly'

© The John Henry Company

Lavandula 'Provence'

LAVANDULA (LAVENDER)

Lavandula x ginginsii

'GOODWIN CREEK GREY'

Height: 36 in. (90 cm) where hardy, 12 to 18 in. (30 to 45 cm) in non-hardy zones
Bloom Months: June to August
USDA Hardiness Zones: 7 to 10

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

LAVANDULA (LAVENDER)

Lavandula x intermedia

'DILLY DILLY'

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

Compact growth habit with flower spikes high above the foliage.

PHENOMENAL™

Height: 24 to 32 in. (60 to 80 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5 to 8
Cultivaris North America LLC
'Niko' PP24,193

Strong, disease-resistant foliage and long purple flower spikes in Summer; overwinters well.

'PROVENCE'

Height: 30 in. (75 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5 to 8

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

Leucanthemum Ooh La 'LaCrosse'

Flowers well, even in the first season!

NEW FOR 2017

Leucanthemum Ooh La 'LaSpider'

Makes a fun, frilly statement in beds and containers.

LEUCANTHEMUM (SHASTA DAISY)

Leucanthemum x superbum

'BECKY'

Height: 36 in. (90 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5 to 8

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

FREAK!®

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

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

OOH LA™ 'LACROSSE'

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4 to 8
Florensis

- Unique, trumpet-shaped white petals.
- Compact, dark green foliage.
- Ideal for borders, rock gardens and containers.

OOH LA™ 'LASPIDER'

NEW FOR 2017
Height: 12 to 14 in. (30 to 35 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4 to 10
Florensis

- Attractive semi-double flowers.
- Fringed flower petals.
- Compact habit.

REALFLOR® COLLECTION

Height: 16 to 36 in. (40 to 90 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5 to 9
PlantHaven, Inc.

Well-branched, floriferous varieties with unique flower forms, improved disease resistance and upright habits.

'Real Dream' PP25,664
'Real Galaxy' PP23,873
'Real Glory' PP25,733

Leucanthemum 'Becky'

Leucanthemum Freak!

Leucanthemum Realflor 'Real Dream'

Leucanthemum Realflor 'Real Galaxy'

Leucanthemum Realflor 'Real Glory'

Leucanthemum Spellbook 'Lumos'

Leucanthemum 'Snowcap'

Lithodora 'Grace Ward'

Lithodora 'Heavenly Blue'

© MasterTag

DARWIN PERENNIALS

Leucanthemum 'Santé'

Impressively hardy variety of a perennial garden classic!

Lithodora 'White Star'

'SANTÉ'

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

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

SPELLBOOK® 'LUMOS'

Height: 12 to 18 in. (30 to 45 cm)
Bloom Months: April to August
USDA Hardiness Zones: 5 to 9
EuroAmerican
PPAF

Fade-resistant, true yellow flowers; blooms wonderfully without vernalization.

'SNOWCAP'

Height: 14 to 18 in. (35 to 45 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4 to 8
Blooms of Bressingham

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

LITHODORA

Lithodora diffusa

'GRACE WARD'

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

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: 6 to 8

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: 6 to 8
Blooms of Bressingham
PP20,078

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

Lobelia Princess Crimson

Lobelia Princess Scarlet

Lobelia Princess Rose

LOBELIA
(CARDINAL FLOWER)

Lobelia hybrid

PRINCESS SERIES

Height: 20 in. (50 cm)
Bloom Months: July to September
USDA Hardiness Zones: 7 to 10
Walter Blom Plants BV

- Tender perennials.
- Bright, fan-shaped flowers.
- Deep-toned foliage.

Crimson 'Gencrim' PP24,945
Rose 'Genross' PP24,930
Scarlet 'Genlet' PP24,944

LYCHNIS
(CATCHFLY)

Lychnis flos-cuculi

PETITE JENNY

Height: 14 in. (35 cm)
Bloom Months: May to June
USDA Hardiness Zones: 3 to 8
Blooms of Bressingham
'LychJen' PP14,139

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

LYSIMACHIA
(LOOSESTRIFE)

Lysimachia punctata

'ALEXANDER'

Height: 24 in. (60 cm)
Bloom Months: August to September
USDA Hardiness Zones: 4 to 9
PlantHaven, Inc.
PP10,598

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

LYSIMACHIA
(LOOSESTRIFE)

Lysimachia nummularia

'GOLDI'

Height: 2 to 4 in. (5 to 10 cm)
Bloom Months: None
USDA Hardiness Zones: 3 to 10

Trailing habit and golden foliage are beautiful in mixed containers.

MAZUS
(CREEPING MAZUS)

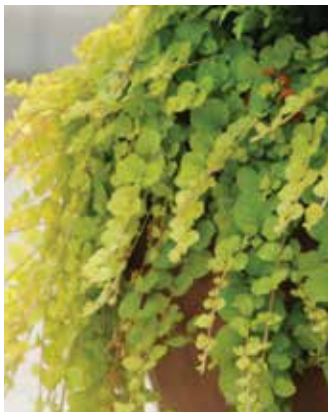
Mazus reptans

Height: 2 in. (5 cm)
Bloom Months: May to June
USDA Hardiness Zones: 5 to 8

Small, toothed leaves and purple-blue flowers with red and yellow spots.

Lychnis Petite Jenny

Lysimachia 'Alexander'



Lysimachia 'Goldi'

Mazus reptans

Mentha 'Kentucky Colonel'

Mentha Spanish Mint

Mentha Spearmint

Mentha Apple Mint

Mentha 'Variegata'

Mentha Ginger Mint

Mentha Chocolate Mint

Mentha 'Citrata'

Mentha Peppermint

Mentha Mojito

MENTHA
(MINT)
Mentha spicata

'KENTUCKY COLONEL'

Height: 24 in. (60 cm)
Bloom Months: None
USDA Hardiness Zones: 3 to 7

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

SPANISH MINT

Height: 12 to 24 in. (30 to 60 cm)
Bloom Months: None
USDA Hardiness Zones: 3 to 7

Spearmint-scented green leaves and flowers of lilac and white.

SPEARMINT

Height: 36 in. (90 cm)
Bloom Months: None
USDA Hardiness Zones: 3 to 7

Spearmint-scented green leaves with purple-blue flowers.

MENTHA
(MINT)
Mentha suaveolens

APPLE MINT

Height: 36 in. (90 cm)
Bloom Months: Summer
USDA Hardiness Zones: 6 to 9

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

'VARIEGATA'

Height: 24 in. (60 cm)
Bloom Months: None
USDA Hardiness Zones: 6 to 9

Green and white variegated leaves with sweet pineapple scent.

MENTHA
(MINT)
Mentha x gracillis

GINGER MINT

Height: 6 to 12 in. (15 to 30 cm)
Bloom Months: None
USDA Hardiness Zones: 5 to 9

Spreading habit with ginger-flavored leaves and violet flowers.

MENTHA
(MINT)
Mentha x piperita

CHOCOLATE MINT

Height: 24 in. (60 cm)
Bloom Months: None
USDA Hardiness Zones: 3 to 7

Bronzy peppermint-like foliage with a surprising chocolate-y scent.

'CITRATA'

Height: 24 in. (60 cm)
Bloom Months: None
USDA Hardiness Zones: 3 to 7

Very fragrant Orangemint with a neat, attractive habit.

PEPPERMINT

Height: 24 in. (60 cm)
Bloom Months: None
USDA Hardiness Zones: 3 to 7

Deliciously spicy scent – great for tea.

MENTHA
(MINT)
Mentha x villosa

MOJITO

Height: 36 in. (90 cm)
Bloom Months: None
USDA Hardiness Zones: 5 to 9

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

BALMY™

DARWIN PERENNIALS

Monarda Balmy Rose

THE IDEAL GROWER-FRIENDLY SERIES IN FOUR CONSUMER-GRABBING COLORS

Monarda Balmy Purple

Monarda Balmy Lilac

Monarda Balmy Rose

Monarda Balmy Pink

Monarda 'Blue Stocking'

Photo Courtesy of Skagit Gardens

Monarda Grand Parade

© The John Henry Company

Monarda 'Marshall's Delight'

Monarda 'Raspberry Wine'

Monarda 'Jacob Cline'

MONARDA
(BEE BALM, BERGAMOT)

Monarda didyma

BALMY™ SERIES

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

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

- 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.

Balmy Rose rated Best of Species at Penn State University, Landisville, Pennsylvania, first season.

Lilac 'Balbalmac' PP26,594
Pink 'Balbalmink' PP26,566
Purple 'Balbalmurp' PP25,561
Rose 'Balbalmrose' PP26,567

'BLUE STOCKING'

Height: 24 to 48 in. (60 to 120 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4 to 9

Striking, deep violet flowers attract butterflies and hummingbirds.

GRAND PARADE™

Height: 12 to 16 in. (30 to 40 cm)
Bloom Months: June to July
USDA Hardiness Zones: 3 to 8
Bailey Nurseries, Inc.
'Acrade' PP19,580

Lots of lavender-purple flowers mid through late Summer, with aromatic foliage that smells like mint when crushed.

'JACOB CLINE'

Height: 48 in. (120 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4 to 9

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

'MARSHALL'S DELIGHT'

Height: 24 to 36 in. (60 to 90 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4 to 9

Plants have pink blooms on stout stems, with high tolerance to mildew.

'RASPBERRY WINE'

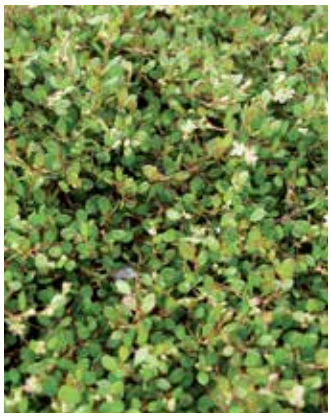
Height: 24 to 36 in. (60 to 90 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4 to 9

Raspberry-like buds open to wine-red flowers with dark green, mildew-resistant foliage.

DARWIN PERENNIALS

Nepeta Junior Walker

More floriferous than some other Nepeta cultivars as extensively trialed by Star® Roses And Plants.



Muehlenbeckia 'Nana'

Nepeta 'Six Hills Gold'

Nepeta 'Six Hills Giant'

MUEHLENBECKIA (MAIDENHAIR VINE)

Muehlenbeckia axillaris

'NANA'

Height: 3 in. (7 cm)
Bloom Months: May to July
USDA Hardiness Zones: 6 to 10

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

NEPETA (CATMINT)

Nepeta mussinii

'SIX HILLS GIANT'

Height: 24 to 36 in. (60 to 90 cm)
Bloom Months: May to October
USDA Hardiness Zones: 4 to 8

A robust grower with large blue flowers.

'SIX HILLS GOLD'

Height: 24 to 36 in. (60 to 90 cm)
Bloom Months: May to October
USDA Hardiness Zones: 4 to 8

Variegated cream and green fuzzy foliage with long-blooming violet-blue flowers.

NEPETA (CATMINT)

Nepeta x faassenii

'BLUE WONDER'

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

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: 4 to 8

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

JUNIOR WALKER

Height: 18 in. (45 cm)
Bloom Months: May to September
USDA Hardiness Zones: 5 to 8
Darwin Perennials
'Novanepjun' PP23,074

- Lavender-blue flowers with gray-green foliage.
- Compact habit.
- Uniform flower canopy.

'LIMELIGHT'

Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: May to October
USDA Hardiness Zones: 4 to 8
Terra Nova Nurseries, Inc.

Violet-blue flowers and lime green foliage with more pronounced color in Spring.

LITTLE TRUDY®

Height: 10 to 14 in. (25 to 35 cm)
Bloom Months: May to October
USDA Hardiness Zones: 4 to 9
Plant Select
'Psfike' PP18,904

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

'WALKER'S LOW'

Height: 24 to 30 in. (60 to 75 cm)
Bloom Months: June to August
USDA Hardiness Zones: 3 to 8

- One of the longest-flowering Catmints.
- Profuse blue-purple flowers complement fragrant silver leaves.
- Compact mounds spread to 24 in. (60 cm) wide.

Nepeta 'Blue Wonder'

Nepeta 'Dropmore'

Nepeta 'Limelight'

Ocimum 'Kasar'

Oenothera 'Siskiyou'

Nepeta Little Trudy

Oenothera 'Shimmer'

Origanum 'Kent Beauty'

Origanum 'Aureum'

Nepeta 'Walker's Low'

OCIMUM (BASIL)
Ocimum basilicum

'KASAR'

Height: 28 to 32 in. (70 to 80 cm)
Bloom Months: None
USDA Hardiness Zones: 9 to 11

Tender perennial has purple shading from leaf base to green tip: tasty and beautiful!

OENOTHERA (EVENING PRIMROSE)
Oenothera berlandieri

'SISKIYOU'

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4 to 8

Neat, compact and floriferous with pink flowers.

OENOTHERA (EVENING PRIMROSE)
Oenothera macrocarpa ssp. fremontii

'SHIMMER'

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5 to 8
PlantHaven, inc.
PP19,663

Papery, lemon yellow flowers and narrow silvery foliage.

ORIGANUM (OREGANO)
Origanum majorana

'COMPACTUM'

Height: 3 to 6 in. (7 to 15 cm)
Bloom Months: None
USDA Hardiness Zones: 4 to 9

(NOT SHOWN) Marjoram with small, round leaves and neat, compact habit.

ORIGANUM (ORNAMENTAL OREGANO)
Origanum rotundifolium

'KENT BEAUTY'

Height: 4 in. (10 cm)
Bloom Months: Late Summer to Fall
USDA Hardiness Zones: 5 to 8

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

ORIGANUM (OREGANO)
Origanum vulgare

'AUREUM'

Height: 12 in. (30 cm)
Bloom Months: None
USDA Hardiness Zones: 5 to 9

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

Origanum vulgare 'Compactum'

Origanum Greek Oregano

Origanum 'Hot And Spicy'

Origanum Variegated Oregano

Origanum Italian Oregano

'COMPACTUM'

Height: 6 in. (15 cm)
Bloom Months: None
USDA Hardiness Zones: 5 to 9

Spicy flavor and fragrance, smaller mounding habit and leaves, pale pink to white flowers.

GREEK OREGANO

Height: 12 to 28 in. (30 to 70 cm)
Bloom Months: None
USDA Hardiness Zones: 4 to 9

Strong-growing, hardy strain.

'HOT AND SPICY'

Height: 36 in. (90 cm)
Bloom Months: None
USDA Hardiness Zones: 4 to 9

Highly aromatic scent and spicy flavor, white flowers in Summer.

VARIEGATED OREGANO

Height: 16 in. (40 cm)
Bloom Months: None
USDA Hardiness Zones: 4 to 9

Green with creamy variegated edge, spreading/mounding habit.

ORIGANUM (OREGANO)

Origanum x majoricum

ITALIAN OREGANO

Height: 18 to 24 in. (30 to 70 cm)
Bloom Months: None
USDA Hardiness Zones: 5 to 9

Deliciously scented culinary herb.

PENSTEMON (BEARD TONGUE)

Penstemon barbatus

'ELFIN PINK'

Height: 14 in. (35 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4 to 9

A profusion of pale pink tubular bells on wiry stems.

'PRAIRIE DUSK'

Height: 24 in. (60 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4 to 9

Rosy purple, trumpet-shaped blooms on thin spikes.

DARWIN PERENNIALS

Penstemon Amethyst Quartz

Reblooms throughout the season for maximum color.

Penstemon 'Elfin Pink'

© The John Henry Company

Penstemon 'Dark Towers'

Penstemon 'Prairie Dusk'

Penstemon 'Prairie Twilight'

DARWIN PERENNIALS

Penstemon Rose Quartz

Bright bubblegum-pink flowers rebloom throughout the season.

NEW FOR 2017 DARWIN PERENNIALS

Penstemon 'Cherry Sparks'

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

DARWIN PERENNIALS

Penstemon Little Bells

Prolific rebloomer with lilac flowers and compact habit.

PENSTEMON (BEARD TONGUE)

Penstemon digitalis

'DARK TOWERS'

Height: 36 in. (90 cm)
Bloom Months: June to July
USDA Hardiness Zones: 3 to 8
Terra Nova Nurseries, Inc.
PP20,013

North American native cultivar has bronzy-red foliage with spires of pink trumpet flowers; darker foliage and larger plant than 'Husker Red'.

'PRAIRIE TWILIGHT'

Height: 22 in. (56 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4 to 9
Blooms of Bressingham
PP19,893

Showy, late Spring perennial has masses of tubular, white-tipped lavender flowers that attract bees and hummingbirds.

PENSTEMON (BEARD TONGUE)

Penstemon hybrid

QUARTZ™ SERIES

Height: 20 to 24 in. (50 to 60 cm)
Bloom Months: July to August
USDA Hardiness Zones: 6 to 9
Darwin Perennials

- Sturdy, upright habit.
- Good basal branching.

Amethyst 'Novapename' PPAF
Rose 'Novapenros' PPAF

'CHERRY SPARKS'

NEW FOR 2017
Height: 18 to 20 in. (45 to 50 cm)
Bloom Months: May to August
USDA Hardiness Zones: 5 to 9
Darwin Perennials
PPAF

- Bigger blooms with bright, cherry-red color.
- More heat-tolerant and Winter-hardy than other varieties.
- Sterile, non-invasive variety has no big, unsightly seed heads.

LITTLE BELLS

Height: 16 in. (40 cm)
Bloom Months: June to July
USDA Hardiness Zones: 6 to 9
Darwin Perennials
'Novapenbel' PPAF

- Flowers profusely in early Spring and reblooms in Fall.
- Rich purple flowers with white throat.
- Dark green foliage forms a nice basal mat.

ROCK CANDY®

DARWIN PERENNIALS

Penstemon Rock Candy Ruby

SWEET SERIES MAKES A SUMMER-LONG STATEMENT AND GROWS MORE POPULAR EVERY YEAR

DARWIN PERENNIALS

Penstemon Rock Candy Purple

DARWIN PERENNIALS

Penstemon Rock Candy Blue

DARWIN PERENNIALS

Penstemon Rock Candy Ruby

DARWIN PERENNIALS

Penstemon Rock Candy Pink

NEW FOR 2017 DARWIN PERENNIALS

Penstemon MissionBells Deep Rose

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

DARWIN PERENNIALS

Penstemon Rock Candy Light Pink

Penstemon Pikes Peak Purple

Penstemon Red Rocks

PENSTEMON (BEARD TONGUE)

Penstemon barbatus

ROCK CANDY® SERIES

Height: 12 in. (30 cm)
Bloom Months: June to September
USDA Hardiness Zones: 6 to 8
Darwin Perennials

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

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

Blue 'Novapenblu' PPAF
Light Pink 'Novapenlig' PPAF
Pink 'Novapenpin' PPAF
Purple 'Novapenpur' PPAF
Ruby 'Novapenrub' PPAF

PENSTEMON (BEARD TONGUE)

Penstemon hybrida

MISSIONBELLS™ DEEP ROSE

NEW FOR 2017
Height: 20 to 24 in. (50 to 60 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5 to 9
Darwin Perennials
'Balmibepro' PPAF

- 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 (BEARD TONGUE)

Penstemon x mexicali

PIKES PEAK PURPLE®

Height: 30 in. (75 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4 to 9
Plant Select
'P007S'

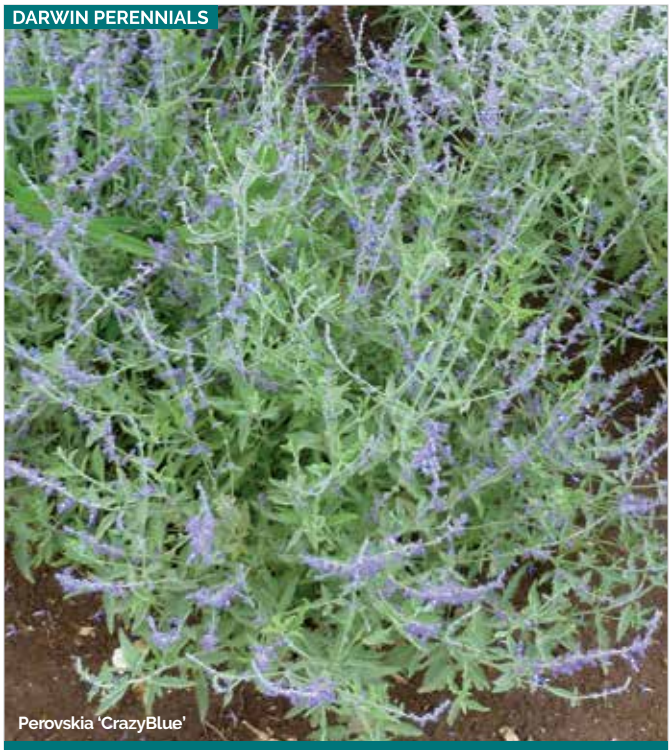
Grape jelly-colored flowers with striped throats on a bushy clump of narrow green leaves.

RED ROCKS®

Height: 30 in. (75 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4 to 9
Plant Select
'P008S'

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

DARWIN PERENNIALS



Perovskia 'CrazyBlue'

Very good performer with 4.6/5 average score, excellent flowering from Penn State University, Landisville, Pennsylvania, 1st season in 2015.

DARWIN PERENNIALS

Perovskia Little Lace

One of Colorado State University's "Top Performers" for 2015 Season: Class of 2013 and Grown in 2015.

PEROVSKIA (RUSSIAN SAGE)

Perovskia atriplicifolia

Height: 50 in. (130 cm)
Bloom Months: July to September
USDA Hardiness Zones: 4 to 9

Spikes of light blue flowers over aromatic gray-green foliage.

'CRAZYBLUE'

Height: 16 to 18 in. (40 to 45 cm)
Bloom Months: July to August
USDA Hardiness Zones: 4 to 9
Darwin Perennials
PP25,639

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

LACEY BLUE

Height: 12 to 18 in. (30 to 45 cm)
Bloom Months: July to September
USDA Hardiness Zones: 4 to 9
Concept Plants B.V.
'Lisslit' PP20,845

- Truly dwarf variety stays small in subsequent years.
- Features the largest flowers of any Russian Sage.
- Dense branching prevents flopping.

LITTLE LACE

Height: 12 to 18 in. (30 to 45 cm)
Bloom Months: July to September
USDA Hardiness Zones: 4 to 9
Darwin Perennials
'Novaperlac' PP26,618

- Unique growth habit combines a shorter plant with great uniformity.
- Long-lasting purple flower spikes create a lot of flower power.
- A good choice for xeric areas.

PEROVSKIA (RUSSIAN SAGE)

Perovskia x hybrida

'LONGIN'

Height: 36 to 42 in. (90 to 106 cm)
Bloom Months: July to September
USDA Hardiness Zones: 4 to 9

Narrow, upright habit with airy spikes of lavender blooms and narrow silver leaves.

Perovskia Lacey Blue

Perovskia atriplicifolia

Perovskia 'Longin'

Phlox 'Blue Moon'

Phlox 'May Breeze'

Phlox 'Pink Profusion'

© Image Botanica

Phlox 'Blue Boy'

NEW FOR 2017

Phlox Goldmine Improved

Phlox 'Violet Pinwheels'

© The John Henry Company

Phlox 'Bright Eyes'

Phlox 'Eva Cullum'

PHLOX (WOODLAND PHLOX)

Phlox divaricata

'BLUE MOON'

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

Loads of fragrant, dark blue flowers.

'MAY BREEZE'

Height: 15 to 18 in. (38 to 45 cm)
Bloom Months: April to May
USDA Hardiness Zones: 4 to 8

Fragrant, light blue flowers.

PHLOX (GARDEN PHLOX)

Phlox hybrid

'PINK PROFUSION'

Height: 8 in. (20 cm)
Bloom Months: March to June
USDA Hardiness Zones: 5 to 8
Chicagoland Grows, Inc.

Oversized purplish-pink blossoms feature broad, overlapping petals.

'VIOLET PINWHEELS'

Height: 4 in. (10 cm)
Bloom Months: March to May
USDA Hardiness Zones: 4 to 8
Chicagoland Grows, Inc.

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

PHLOX (GARDEN PHLOX)

Phlox paniculata

'BLUE BOY'

Height: 36 in. (90 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4 to 8

Extremely prolific plants have blue blooms with white eyes and foliage with blue overlay.

'BRIGHT EYES'

Height: 24 to 30 in. (60 to 75 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4 to 8

Fragrant blooms are pale pink with crimson eye.

'EVA CULLUM'

Height: 24 to 30 in. (60 to 75 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4 to 8
Blooms of Bressingham

Warm pink florets with red eyes.

GOLDMINE IMPROVED

NEW FOR 2017
Height: 24 to 28 in. (60 to 70 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4 to 9
Rene van Gaalen B.V.
'Goldmine IMP' PPAF

- Gold and green variegated foliage.
- Improved habit and disease resistance.

Phlox 'Norah Leigh'

Phlox 'Laura'

Phlox 'Nicky'

© MasterTag

Phlox 'Starfire'

Phlox Younique Red

'LAURA'

Height: 24 to 30 in. (60 to 75 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4 to 8

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

'NICKY'

Height: 24 to 36 in. (60 to 90 cm)
Bloom Months: July to September
USDA Hardiness Zones: 4 to 8

Intense, deep magenta-purple flower heads.

'NORAH LEIGH'

Height: 36 in. (90 cm)
Bloom Months: July to September
USDA Hardiness Zones: 4 to 8

Pale pink flowers and variegated leaves of creamy white with thin green center.

'STARFIRE'

Height: 36 in. (90 cm)
Bloom Months: July to September
USDA Hardiness Zones: 4 to 8

Brilliant red flowers atop deep bronze/green foliage.

YOUNIQUE SERIES

NEW FOR 2017
Height: 14 to 16 in. (35 to 40 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4 to 9
Compass Plants B.V.

New series of large-flowered, compact garden Phlox.

Bicolor 'Versbicolor' PP24,790
Old Cerise 'Verscerise' PP26,102
Old Blue 'Versoldblue' PP26,070
Red

PHLOX (CREEPING PHLOX)

Phlox stolonifera

'HOME FIRES'

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

Shade groundcover with deep pink flower clusters.

'SHERWOOD PURPLE'

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

(NOT SHOWN) Excellent shady groundcover with fragrant, purple-blue flower.

Phlox Younique Old Cerise

Phlox Younique Old Blue

Phlox Younique Bicolor

Phlox 'Home Fires'

Phlox 'Amazing Grace'

© MasterTag
Phlox 'Candy Stripe'

Phlox 'Drummond's Pink'

© MasterTag
Phlox 'Coral Eyes'

© The John Henry Company
Phlox 'Crimson Beauty'

© The John Henry Company
Phlox 'Emerald Blue'

Phlox 'Emerald Cushion Blue'

© The John Henry Company
Phlox 'Emerald Pink'

© The John Henry Company
Phlox 'Fort Hill'

PHLOX
(MOSS PHLOX)

Phlox subulata

'AMAZING GRACE'

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

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: 3 to 8

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

'CORAL EYES'

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

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

'CRIMSON BEAUTY'

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

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: 3 to 8

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: 3 to 8

Clear lavender-blue flowers in early Spring.

'EMERALD CUSHION BLUE'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: Early Spring
USDA Hardiness Zones: 3 to 8

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: 3 to 8

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

'FORT HILL'

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

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

Phlox 'Oakington Blue Eyes'

© The John Henry Company

Phlox 'Millstream Daphne'

Phlox 'Purple Beauty'

Phlox 'Ronsdorfer Beauty'

'MILLSTREAM DAPHNE'

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

A profusion of pink flowers makes an excellent groundcover display.

'OAKINGTON BLUE EYES'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: Early Spring
USDA Hardiness Zones: 2 to 8
Blooms of Bressingham

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

'PURPLE BEAUTY'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: Early Spring
USDA Hardiness Zones: 2 to 8

Deep purple blooms.

'RED WINGS'

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

Vigorous, with striking rosy red flowers in early Spring.

'RONSDORFER BEAUTY'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: Early Spring
USDA Hardiness Zones: 2 to 8

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

'SCARLET FLAME'

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

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

'SNOWFLAKE'

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

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

'WHITE DELIGHT'

Height: 3 to 6 in. (7 to 15 cm)
Bloom Months: March to April
USDA Hardiness Zones: 3 to 8

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

© The John Henry Company

Phlox 'Red Wings'

© The John Henry Company

Phlox 'Scarlet Flame'

Phlox 'Snowflake'

© The John Henry Company

Phlox 'White Delight'

Phlox 'Forever Pink'

© The John Henry Company

Phlox Paparazzi Britney

Phlox Paparazzi Levine

Phlox Paparazzi Jagger

Phlox Paparazzi Angelina

Phlox Paparazzi Paris

Phlox Paparazzi Adele

PHLOX

Phlox x hybrida

'FOREVER PINK'

Height: 16 in. (40 cm)
Bloom Months: June to October
USDA Hardiness Zones: 4 to 8
Chicagoland Grows, Inc.

Compact, carefree and long-blooming, with purplish-pink flowers and mildew-free, yellowish-green foliage.

PAPARAZZI® COLLECTION

Height: 5 to 10 in. (13 to 25 in.)
Bloom Months: April to June
USDA Hardiness Zones: 6a to 11
EuroAmerican Propagators LLC

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

Adele 'PHL091601' PPAF
Angelina 'PPPHL07301' PP23,702
Britney 'PPPHL0604' PP23,703
Jagger 'PHL090201' PPAF
Levine 'PHL090401' PPAF
Paris 'PPPH07201' PP23,705

Polemonium Bressingham Purple

Physostegia 'Miss Manners'

Prunella 'Summer Daze'

PHYSOSTEGIA
(OBEDIENT PLANT, FALSE DRAGONHEAD)
Physostegia virginiana

'MISS MANNERS'

Height: 18 to 24 in. (45 to 60 cm)
Bloom Months: June to August
USDA Hardiness Zones: 3 to 9
PlantHaven, Inc.
PP12,637

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

POLEMONIUM
(JACOB'S LADDER)
Polemonium cæruleum

BRISE D'ANJOU

Height: 12 to 18 in. (30 to 45 cm)
Bloom Months: May to June
USDA Hardiness Zones: 4 to 9
Blooms of Bressingham
'Blanjou'

Violet-blue flowers from late Spring to early Summer on bushy clumps of creamy-edged, fern-like foliage.

POLEMONIUM
(JACOB'S LADDER)
Polemonium reptans

'TOUCH OF CLASS'

Height: 14 to 18 in. (35 to 45 cm)
Bloom Months: May to June
USDA Hardiness Zones: 4 to 9
Sunny Border Nursery
PP19,768

Green and white variegated foliage with rich blue flowers and an elegant habit.

POLEMONIUM
(JACOB'S LADDER)
Polemonium yezoense

BRESSINGHAM PURPLE

Height: 18 to 24 in. (45 to 60 cm)
Bloom Months: May to June
USDA Hardiness Zones: 4 to 9
Blooms of Bressingham
'Polbress' PP15,367

Ferny foliage with deep lavender-blue flowers on burgundy stems.

PRUNELLA
(SELF-HEAL)
Prunella hybrid

'SUMMER DAZE'

Height: 12 in. (30 cm)
Bloom Months: June to July
USDA Hardiness Zones: 5 to 7
PlantHaven, Inc.
PP19,609

Pink flower clusters and attractive oak-leaf foliage and habit.

Polemonium Brise D'Anjou

Polemonium 'Touch of Class'

DARWIN PERENNIALS

Rhodanthemum 'Marrakech'

DARWIN PERENNIALS

Rhodanthemum 'Casablanca'

DARWIN PERENNIALS

Rhodanthemum 'Marrakech'

RHODANTHEMUM

Rhodanthemum hosmariense

'MARRAKECH'

Height: 12 to 14 in. (30 to 35 cm)
Bloom Months: March to May and September to October
USDA Hardiness Zones: 8 to 10
Darwin Perennials
PPAF

- Early Spring-flowering tender perennial extends your selling season.
- Excellent season starter, along with Casablanca.
- More cold-tolerant than Argyranthemum and Osteospermum.

'CASABLANCA'

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: March to May and September to October
USDA Hardiness Zones: 8 to 10
Darwin Perennials
PPAF

- Tender perennial flowers early in the season.
- Floriferous variety has a neat, compact habit.
- Winter-hardy in the South–survives a freeze.
- Ideal for early-Spring containers and landscapes.

Rosmarinus officinalis

Rosmarinus 'Arp'

Rosmarinus 'Barbecue'

Rosmarinus 'Gorizia'

Rosmarinus 'Huntington Carpet'

Rosmarinus 'Madeline Hill'

© The John Henry Company
Rosmarinus 'Prostratus'

Rosmarinus 'Salem'

ROSMARINUS (ROSEMARY)

Rosmarinus officinalis

Height: to 5 ft. (1.5 m)
Bloom Months: None
USDA Hardiness Zones: 8 to 11

Shrubby tender perennial has evergreen needle-like leaves with pungent pine scent.

'ARP'

Height: to 5 ft. (1.5 m)
Bloom Months: None
USDA Hardiness Zones: 7 to 11

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

'BARBECUE'

Height: to 4 ft. (1.2 m)
Bloom Months: None
USDA Hardiness Zones: 8 to 11

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

'GORIZIA'

Height: 4 to 5 ft. (1.2 to 1.5 m)
Bloom Months: None
USDA Hardiness Zones: 8 to 11

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

'HUNTINGTON CARPET'

Height: 18 in. (45 cm)
Bloom Months: None
USDA Hardiness Zones: 8 to 11

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

'MADELINE HILL'

Height: 3 ft. (0.9 m)
Bloom Months: None
USDA Hardiness Zones: 6 to 11

Sturdy, upright form; reputably hardy to Zone 6.

'PROSTRATUS'

Height: 6 to 12 in. (15 to 30 cm)
Bloom Months: None
USDA Hardiness Zones: 8 to 11

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

'SALEM'

Height: 3 ft. (0.9 m)
Bloom Months: None
USDA Hardiness Zones: 8 to 11

Tender perennial but hardier than most, with a tidy, upright habit.

'SPICE ISLAND'

Height: to 3 ft. (0.9 m)
Bloom Months: None
USDA Hardiness Zones: 8 to 11

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

'TUSCAN BLUE'

Height: 3 ft. (0.9 m)
Bloom Months: None
USDA Hardiness Zones: 8 to 11

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

Rosmarinus 'Spice Island'

Rosmarinus 'Tuscan Blue'

DARWIN PERENNIALS

Salvia Arctic Blaze Purple

DARWIN PERENNIALS

Salvia Arctic Blaze Fuchsia

DARWIN PERENNIALS

Salvia Arctic Blaze Red

Bred for improved hardiness and terrific repeat blooming.

Rudbeckia 'Viette's Little Suzy'

Sagina Irish Moss

Sagina 'Aurea'

Salvia Pineapple Sage

Salvia 'Furman's Red'

Salvia 'Black & Blue'

Salvia 'Ember's Wish'

RUDBECKIA (BLACK-EYED SUSAN)

Rudbeckia speciosa

'VIETTE'S LITTLE SUZY'

Height: 26 to 32 in. (66 to 80 cm)
Bloom Months: July to frost
USDA Hardiness Zones: 4 to 8
Blooms of Bressingham

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

SAGINA (PEARLWORT)

Sagina subulata

IRISH MOSS

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

Solid green, tight grower with small white flowers.

'AUREA'

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

Scotch Moss forms a chartreuse groundcover with tiny white flowers.

SALVIA (SAGE)

Salvia elegans

PINEAPPLE SAGE

Height: 3 ft. (0.9 m)
Bloom Months: None
USDA Hardiness Zones: 8 to 11

Tender perennial with pineapple-scented foliage and red flowers.

SALVIA (SAGE)

Salvia greggii

'FURMAN'S RED'

Height: 12 to 20 in. (30 to 50 cm)
Bloom Months: Mid-May to July
USDA Hardiness Zones: 7 to 9
Plant Select

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

SALVIA (SAGE)

Salvia guaranitica

'BLACK & BLUE'

Height: 3 ft. (0.9 m)
Bloom Months: Late Summer to frost
USDA Hardiness Zones: 7 to 10

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

SALVIA (SAGE)

Salvia hybrida

ARCTIC BLAZE™ SERIES

Height: 24 in. (60 cm)
Bloom Months: March to September
USDA Hardiness Zones: 6 to 11
Darwin Perennials

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

Purple 'Novasalpur' PPAF
Fuchsia 'Novasalfuc' PPAF
Red 'Novasalred' PPAF

'EMBER'S WISH'

Height: 32 in. (80 cm)
Bloom Months: May to September
USDA Hardiness Zones: 9 to 10
Plants Management Australia

Fast-growing variety displays vibrant coral tubular flowers on lush, mid-green foliage complemented by maroon stems.

DARWIN PERENNIALS

Salvia 'Radio Red'

RADIO RED

SALVIA
(SAGE)
Salvia greggii

'RADIO RED'

Height: 16 to 18 in. (40 to 45 cm)
Bloom Months: March to September
USDA Hardiness Zones: 7 to 10
Darwin Perennials
PP26,362

Finally: a good, true red *S. greggii* meets demand for this popular color.

- Keeps its color longer than other red varieties.
- Well-branched plants.
- Blooms all Summer long – nice in containers.

Rated Best of Species at Penn State University, Landisville, Pennsylvania, first season.

DARWIN

Salvia Suncrest 'Bright Eyes'

DARWIN

Salvia Suncrest 'Orchid Glow'

DARWIN

Salvia Suncrest 'Fire Dancer'

DARWIN

Salvia Suncrest 'Fancy Dancer'

NEW FOR 2017

Salvia 'Love and Wishes'

DARWIN PERENNIALS

Salvia Suncrest 'Dancing Dolls'

DARWIN

Salvia Suncrest 'Flamenco Rose'

DARWIN

Salvia Suncrest 'Shell Dancer'

DARWIN

Salvia Suncrest 'Autumn Moon'

DARWIN

Salvia Suncrest 'Golden Girl'

DARWIN PERENNIALS

Salvia Suncrest 'Lemon Light'

Salvia 'Wendy's Wish'

Salvia 'Santa Barbara'

SALVIA (SAGE)

Salvia hybrid

'LOVE AND WISHES'

NEW FOR 2017
Height: 32 in. (80 cm)
Bloom Months: Summer to frost
USDA Hardiness Zones: 9
Plants Management Australia

- Forms a ball of color with no pruning or deadheading.
- A portion of plant proceeds goes to Make-A-Wish® Australia
- Reblooming, heat-tolerant variety makes a good cut flower.

SUNCREST SERIES

COMPACT COLLECTION
Height: 10 to 15 in. (25 to 38 cm)
Bloom Months: March to September
USDA Hardiness Zones: 7 to 11
Darwin Perennials

Compact, tidy, well-branched tender perennials.

'Autumn Moon' PP24,106
'Bright Eyes' PP22,491
'Fancy Dancer' PP24,088
'Fire Dancer'
'Flamenco Rose'
'Golden Girl' PP23,997
'Lemon Light' PP24,105
'Orchid Glow' PP22,520

LANDSCAPE COLLECTION
Height: 24 to 36 in. (60 to 90 cm)
Bloom Months: March to September
USDA Hardiness Zones: 7 to 11
Darwin Perennials

Tender perennials with a moderately sized plant habit.

'Dancing Dolls' PP19,820
'Shell Dancer' PP20,680

'WENDY'S WISH'

Height: 30 to 40 in. (75 to 100 cm)
Bloom Months: Summer to frost
USDA Hardiness Zones: 9
PlantHaven, Inc.
PP21,889

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

SALVIA (SAGE)

Salvia leucantha

'SANTA BARBARA'

Height: 24 in. (60 cm)
Bloom Months: Mid-May to July
USDA Hardiness Zones: 7 to 10
PlantHaven, Inc.
PP12,949

Tender perennial with large spikes of purple flowers and tomentose gray-green leaves.

MIRAGE™

NEW FOR 2017 DARWIN PERENNIALS

Salvia Mirage Hot Pink

YOU'RE NOT SEEING THINGS... THESE BEAUTIFUL BLOOMS ARE FOR REAL!

NEW FOR 2017 DARWIN

Salvia Mirage Violet

NEW FOR 2017 DARWIN

Salvia Mirage Deep Purple

NEW FOR 2017 DARWIN

Salvia Mirage Burgundy

NEW FOR 2017 DARWIN

Salvia Mirage Cherry Red

NEW FOR 2017 DARWIN

Salvia Mirage Neon Rose

NEW FOR 2017 DARWIN

Salvia Mirage Hot Pink

NEW FOR 2017 DARWIN

Salvia Mirage Pink

NEW FOR 2017 DARWIN

Salvia Mirage Soft Pink

NEW FOR 2017 DARWIN

Salvia Mirage Cream

Salvia 'Blue Hill'

Salvia 'Caradonna'

Salvia 'East Friesland'

DARWIN PERENNIALS

Salvia 'Burgundy Candles'

Attractive burgundy buds and calyxes for long-lasting flower power.

SALVIA (SAGE)

Salvia greggii

MIRAGE™ SERIES

NEW FOR 2017
Height: 12 to 14 in. (30 to 35 cm)
Bloom Months: March to September
USDA Hardiness Zones: 7 to 9
Darwin Perennials

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

- Self-branching, mounded habit resists breaking for easy shipping and less shrink.
- Can be sold as 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.

Burgundy 'Balmirbur' PPAF
Cherry Red 'Balmircher' PPAF
Cream 'Balmiream'
Deep Purple 'Balmirdepur' PPAF
Hot Pink 'Balmirhopi'
Neon Rose 'Balmirnose'
Pink 'Balmirpink'
Soft Pink 'Balmirsopin'
Violet 'Balmirvio' PPAF

SALVIA (SAGE)

Salvia nemorosa

'BLUE HILL'

Height: 20 in. (50 cm)
Bloom Months: Mid-May to July
USDA Hardiness Zones: 4 to 9

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

'BURGUNDY CANDLES'

Height: 26 to 28 in. (65 to 70 cm)
Bloom Months: March to September
USDA Hardiness Zones: 4 to 9
Darwin Perennials
PP22,754

- Strong, semi-upright, vigorous plants.
- Plenty of retail and landscape appeal.
- Excellent performer in Summer heat.
- Suitable for two-gallon programs.

'CARADONNA'

Height: 24 to 30 in. (60 to 75)
Bloom Months: Mid-May to July
USDA Hardiness Zones: 4 to 9

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

'EAST FRIESLAND'

Height: 18 in. (45 cm)
Bloom Months: Mid-May to July
USDA Hardiness Zones: 4 to 9

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

LYRICAL™

DARWIN PERENNIALS

Salvia Lyrical Blues

THE NEW STANDARD IN ITS CLASS! MORE FLOWERS, EASY TO GROW, COLOR THAT LASTS.

DARWIN

Salvia Lyrical Blues

DARWIN

Salvia Lyrical Silvertone

DARWIN PERENNIALS

Salvia Lyrical Rose

NEW FOR 2017

Salvia Sensation Compact Violet

Profuse bloomers in gorgeous colors.

DARWIN

Salvia Lyrical White

Salvia Sensation Compact Deep Blue

NEW FOR 2017

Salvia Sensation Medium Deep Blue

NEW FOR 2017

Salvia Sensation Compact Sky Blue

NEW FOR 2017

Salvia Sensation Medium Purple Rose

Salvia Sensation Medium Deep Rose

NEW FOR 2017

Salvia Sensation Compact Bright Rose

NEW FOR 2017

Salvia Sensation Medium Pink

NEW FOR 2017

Salvia Sensation Medium Light Rose

NEW FOR 2017

Salvia Sensation Medium White

Salvia Sensation Compact White

Salvia 'Snow Hill'

LYRICAL™ SERIES

Height: 22 to 24 in. (55 to 60 cm)
Bloom Months: March to September
USDA Hardiness Zones: 4 to 9
Darwin Perennials

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

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

Lyrical White showed excellent performance in first season in two university trials: University of Minnesota, Morris, Minnesota (2015 season results) and Franklin Park Conservatory, Columbus, Ohio (2015 season perennial results).

Blues 'Balyriclu' PP22,919
Rose 'Balyricose' PP24,274
Silvertone 'Balyricsil' PP23,310
White 'Florsalwhite' PP21,243

SENSATION™ SERIES

Height: 12 to 14 in. (30 to 35 cm)
Bloom Months: Mid-May to July
USDA Hardiness Zones: 5 to 9
Florensis

- Well-branched, compact plants.
- Rich displays of early-Summer color.
- Attracts hummingbirds and butterflies.

NEW **Compact Bright Rose** 'Florsalbro' PPAF
Compact Deep Blue 'Florsaldblu' PP21,297
NEW **Compact Sky Blue** 'Florsalsbu'
NEW **Compact Violet** 'Florsalvioblu' PPAF
Compact White 'Florsalcwh'
NEW **Medium Deep Blue** 'Florsaldeep'
Medium Deep Rose 'Florsaldro'
NEW **Medium Light Rose** 'Florsaliro'
NEW **Medium Pink** 'Florsalpi'
NEW **Medium Purple Rose** 'Florsalpur' PPAF
NEW **Medium White** 'Florsalmwh'

'SNOW HILL'

Height: 20 in. (50 cm)
Bloom Months: Mid-May to July
USDA Hardiness Zones: 4 to 9

Mounded, gray-green foliage with white flowers.

Salvia 'Aurea'

Salvia 'Purpurascens'

MARCUS®

Height: 12 in. (30 cm)
Bloom Months: Mid-May to July
USDA Hardiness Zones: 4 to 9
Rijnbeek & Zn B.V.
'Haeumanarc' PP13,322

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

'MAY NIGHT'

Height: 18 to 24 in. (45 to 60 cm)
Bloom Months: Mid-May to July
USDA Hardiness Zones: 4 to 9

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

SALVIA (SAGE)

Salvia officinalis

'AUREA'

Height: 12 in. (30 cm)
Bloom Months: None
USDA Hardiness Zones: 5 to 8

Golden Sage has chartreuse leaves edged in gold.

'BERGGARTEN'

Height: 24 in. (60 cm)
Bloom Months: None
USDA Hardiness Zones: 5 to 8

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

'BERGGARTEN VARIEGATED'

Height: 24 in. (60 cm)
Bloom Months: None
USDA Hardiness Zones: 5 to 8

Spicy-scented variegated leaves on a culinary and decorative plant.

GARDEN SAGE

Height: 32 in. (80 cm)
Bloom Months: None
USDA Hardiness Zones: 5 to 8

Strongly aromatic, gray-green foliage.

'ICTERINA'

Height: 16 in. (40 cm)
Bloom Months: None
USDA Hardiness Zones: 6 to 9

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

'PURPURASCENS'

Height: 12 to 24 in. (30 to 60 cm)
Bloom Months: None
USDA Hardiness Zones: 6 to 9

Purple Sage has bluish-purple stems and leaves.

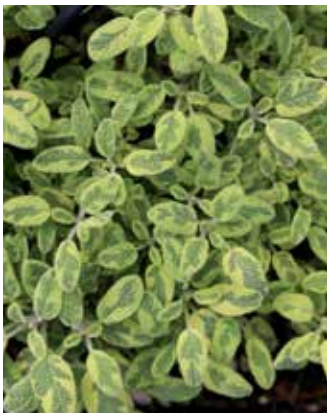
Salvia 'Marcus'

Salvia 'May Night'

Salvia 'Berggarten'

Salvia 'Berggarten Variegated'

Salvia Garden Sage



© MasterTag

Salvia 'Icterina'

Salvia 'Purple Rain'

Salvia 'Tricolor'

'TRICOLOR'

Height: 12 to 18 in. (30 to 45 cm)
Bloom Months: None
USDA Hardiness Zones: 5 to 8

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

SALVIA
(SAGE)
Salvia verticillata

'PURPLE RAIN'

Height: 24 in. (60 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5 to 8

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

Salvia 'Ultra Violet'

SALVIA
(SAGE)
Salvia x hybrida

'ULTRA VIOLET'

Height: 18 to 24 in. (45 to 60 cm)
Bloom Months: Summer to frost
USDA Hardiness Zones: 5b to 9
PlantHaven, Inc.
PP21,411

Vibrant purple flowers and aromatic, mid-green foliage.

SECRETS OF SALVIA

During the Middle Ages, some people referred to Salvia (p. 61-69) as "Sage the Savior." The plant was known for its healing properties and value. It was one of the ingredients in a blend of herbs used to ward off the plague.

Back then, people said "Sage" was "singularly good for the head and brain, it quickeneth the senses and memory, strengtheneth the sinews, restoreth health to those that have the palsy, and taketh away shakey trembling of the members."

Today some researchers claim that extracts of Sage may enhance cognitive performance, comparable to the effect produced by caffeine.

The vivid red tubular flowers with fluted tips on **Salvia 'Radio Red'** (p. 62) attract hummingbirds from late Spring until Fall.

The Louisiana State University Agricultural Center named **Salvia 'Ember's Wish'** (p. 61) one of the top 10 new bedding plant varieties for 2015, proven best in Hammond, LA, landscape trials in 2014.

Some of the information above is from Dr. Allan M. Armitage, Professor Emeritus of Horticulture, UGA, and author of *It's Not Just About The Hat, Herbaceous Perennial Plants (3rd edition)* Website: www.allanarmitage.net

FLUTTER™

DARWIN PERENNIALS

Scabiosa Flutter Deep Blue

COMPACT SERIES
IS EASY TO SHIP,
SHOW AND LOVE!

Scabiosa Flutter Rose Pink

DARWIN PERENNIALS

Scabiosa Flutter Deep Blue

Scabiosa 'Butterfly Blue'

Scabiosa 'Pink Mist'

© The John Henry Company

Santolina virens

Santolina 'Nana'

SCABIOSA (PINCUSHION FLOWER)

Scabiosa columbaria

FLUTTER™ SERIES

Height: 12 to 18 in. (30 to 45 cm)
Bloom Months: March to September
USDA Hardiness Zones: 5 to 9
Darwin Perennials

Compact habit and shorter peduncles for easier shipping and showing!

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

Deep Blue 'Balfluttdelu' PPAF
Rose Pink 'Balfluttropi' PPAF

'BUTTERFLY BLUE'

Height: 16 to 18 in. (40 to 45 cm)
Bloom Months: May to hard frost
USDA Hardiness Zones: 5 to 9

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

'PINK MIST'

Height: 16 to 18 in. (40 to 45 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5 to 9
PlantHaven, Inc.

- Compact, upright habit is similar to 'Butterfly Blue'.
- Green, textured leaves.
- Soft pink, fully double flowers.

SANTOLINA (LAVENDER COTTON)

Santolina incana

'NANA'

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

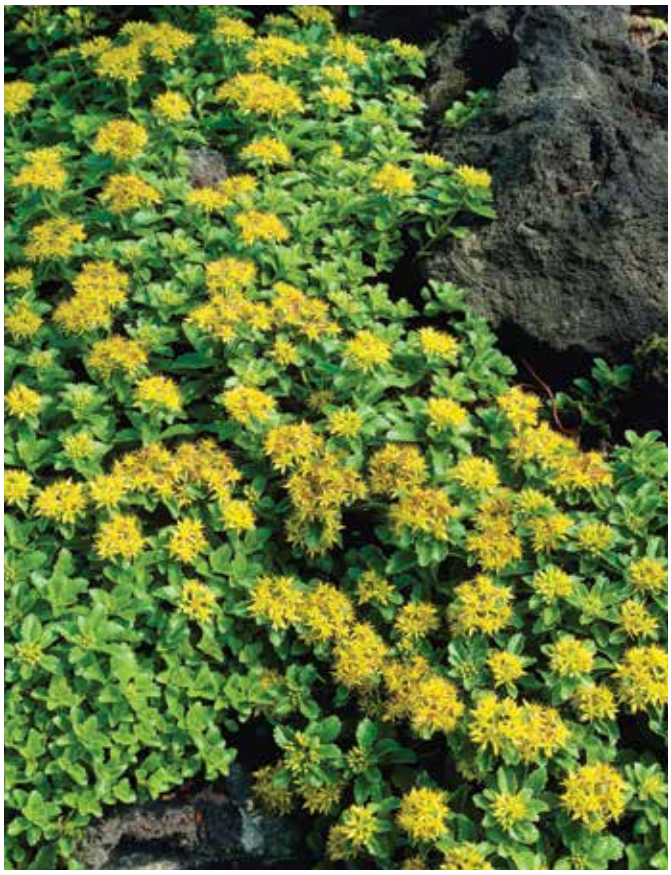
Finely divided, aromatic silver foliage and yellow button flowers.

SANTOLINA (LAVENDER COTTON)

Santolina virens

Height: 14 in. (35 cm)
Bloom Months: July to August
USDA Hardiness Zones: 6 to 9

Deep green foliage and bright yellow button flowers.



Sedum kamtschaticum

Sedum kamtschaticum variegatum

SEDUM, GROUNDCOVER (STONECROP)

Sedum album

'ATHOUM'

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

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

'CORAL CARPET'

Height: 2 to 6 in. (5 to 15 cm)
Bloom Months: Spring to Summer
USDA Hardiness Zones: 4 to 9

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

SEDUM, GROUNDCOVER (STONECROP)

Sedum dasyphyllum

'MAJOR'

Height: 4 in. (10 cm)
Bloom Months: Spring to Summer
USDA Hardiness Zones: 4 to 9

Prostrate mats of tight blue foliage and small, white flowers.

SEDUM, GROUNDCOVER (STONECROP)

Sedum kamtschaticum

Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: Spring to Summer
USDA Hardiness Zones: 4 to 9

Scalloped, deep green leaves are covered with mounds of yellow-gold flowers.

Sedum kamtschaticum variegatum

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4 to 9

Compact plants have variegated foliage with creamy margins and star-shaped yellow blooms that mature to red.

'WEIHENSTEPHANER GOLD'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: Spring to Summer
USDA Hardiness Zones: 3 to 8

Golden yellow flowers and red seed heads on prostrate, scalloped green foliage.

SEDUM, GROUNDCOVER (STONECROP)

Sedum makinoi

'OGON'

Height: 4 in. (10 cm)
Bloom Months: Spring to Summer
USDA Hardiness Zones: 7 to 9

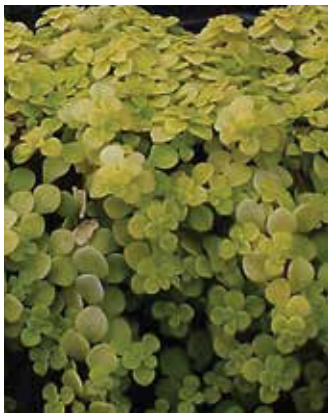
Ground-hugging tender perennial has chartreuse foliage and dainty yellow flowers.

Sedum 'Athoum'

Sedum 'Coral Carpet'

Sedum 'Major'

Sedum 'Weihenstephaner Gold'


Sedum 'Ogon'

Sedum pachyclados

Sedum sieboldii

Sedum 'Dragon's Blood'

Sedum 'Blue Spruce'

Sedum 'Angelina'

Sedum sexangulare

SEDUM, GROUNDCOVER (STONECROP)
Sedum pachyclados

Height: 3 in. (7 cm)
Bloom Months: Spring to Summer
USDA Hardiness Zones: 5 to 9

Deep blue, scalloped foliage forms a tight mound, with white, star-shaped flowers.

SEDUM, GROUNDCOVER (STONECROP)
Sedum reflexum

'BLUE SPRUCE'

Height: 3 to 6 in. (7 to 15 cm)
Bloom Months: July to August
USDA Hardiness Zones: 4 to 9

Low-growing, spreading plants have blue, needle-like foliage and yellow flowers.

SEDUM, GROUNDCOVER (STONECROP)
Sedum rupestre

'ANGELINA'

Height: 3 to 6 in. (7 to 15 cm)
Bloom Months: July to August
USDA Hardiness Zones: 3 to 9

Low-growing and fast-spreading, with fleshy, needle-like, golden yellow foliage.

SEDUM, GROUNDCOVER (STONECROP)
Sedum sexangulare

Height: 4 in. (10 cm)
Bloom Months: Spring to Summer
USDA Hardiness Zones: 5

Dense carpets of fine green foliage with bright yellow flowers in Spring.

SEDUM, GROUNDCOVER (STONECROP)
Sedum sieboldii

Height: 6 in. (15 cm)
Bloom Months: September to October
USDA Hardiness Zones: 6 to 9

Semi-evergreen, blue-green, succulent foliage with pink flowers in Fall.

SEDUM, GROUNDCOVER (STONECROP)
Sedum spurium

'DRAGON'S BLOOD'

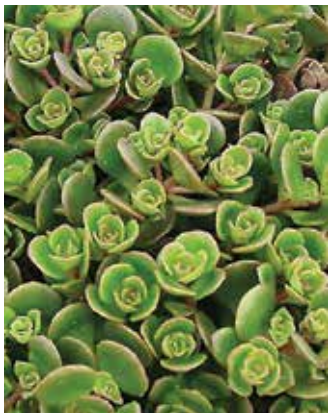
Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: July to August
USDA Hardiness Zones: 3 to 9

Green leaves with red margins turn bright red in Fall, with deep red blooms in Summer.

Sedum 'Fuldaglut'

Sedum 'John Creech'

Sedum 'Tricolor'


Sedum tetractinum

Sedum 'Coral Reef'

Sedum 'Chocolate Ball'

Sedum 'Lemon Ball'

Sedum 'Class Act'

Sedum 'Mr. Goodbud'

'FULDAGLUT'

Height: 3 to 4 in. (7 to 10 cm)
Bloom Months: Spring to Summer
USDA Hardiness Zones: 4 to 9

Dark green, spreading foliage turns red-orange in Fall, with red flowers in July.

'JOHN CREECH'

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

Dense groundcover with striking green foliage and pink-purple blooms spills from containers.

'TRICOLOR'

Height: 3 to 4 in. (8 to 10 cm)
Bloom Months: June to August
USDA Hardiness Zones: 3 to 9

Mat-forming, with small, rounded, green leaves edged in white and tinged in pink; pink blooms.

SEDUM, GROUNDCOVER (STONECROP)

Sedum tetractinum

Height: 3 in. (7 cm)
Bloom Months: Spring to Summer
USDA Hardiness Zones: 4 to 9

Mats of succulent green foliage with red-bronze color in Fall and yellow flowers in Summer.

'CORAL REEF'

Height: 3 to 4 in. (7 to 10 cm)
Bloom Months: July to August
USDA Hardiness Zones: 4 to 9

Mounded, spreading groundcover has small yellow flowers and smooth green foliage that turns red in Fall.

SEDUM, MOUNDING (STONECROP)

Sedum hakonense

'CHOCOLATE BALL'

Height: 2 to 3 in. (5 to 7 cm)
Bloom Months: June to September
USDA Hardiness Zones: 6 to 9

Little plants with brown-red, needle-like foliage bloom with yellow flowers in Summer.

SEDUM, MOUNDING (STONECROP)

Sedum x hybrida

'LEMON BALL'

Height: 6 in. (15 cm)
Bloom Months: June to July
USDA Hardiness Zones: 7 to 9

Vivid mounds of chartreuse foliage stay dense, bushy and bright all Summer long.

SEDUM, UPRIGHT, FALL-FLOWERING (STONECROP)

Sedum x hybrida

'CLASS ACT'

Height: 18 in. (45 cm)
Bloom Months: Late Summer to Fall
USDA Hardiness Zones: 4 to 9
Terra Nova Nurseries, Inc.
PP20,125

Showy, rose-pink flowers with a full, upright habit.

'MR. GOODBUD'

Height: 17 in. (42 cm)
Bloom Months: Late Summer to Fall
USDA Hardiness Zones: 4 to 9
Terra Nova Nurseries, Inc.
PP17,671

Compact habit with dark mauve flowers.

PARTY HARDY™ SERIES

Height: 11 to 18 in. (28 to 45 cm)
Bloom Months: Late Summer to Fall
USDA Hardiness Zones: 4 to 9
Terra Nova Nurseries, Inc.

'Birthday Party' has rosy pink flowers on green foliage; 'Pool Party' has bright pink blooms on blue-green foliage.

'Birthday Party' PP22,826
'Pool Party' PP22,842

Sedum Party Hardy 'Birthday Party'

Sedum Party Hardy 'Pool Party'

Sedum 'Vera Jameson'

Sedum 'Autumn Fire'

Sedum 'Autumn Joy'

Sedum 'Pink Bomb'

'VERA JAMESON'

Height: 10 to 16 in. (25 to 40 cm)
Bloom Months: August to September
USDA Hardiness Zones: 3 to 9

Large clusters of pink flowers and waxy, gray-green leaves that turn burgundy as Summer progresses.

SEDUM, UPRIGHT, FALL-FLOWERING (STONECROP)

Sedum spectabile

'AUTUMN FIRE'

Height: 24 to 30 in. (60 to 75 cm)
Bloom Months: Late Summer to Fall
USDA Hardiness Zones: 3 to 9

Dense, robust habit; flowers start blue-green and mature to pink, deep red and finally bronze.

'AUTUMN JOY'

Height: 18 to 24 in. (45 to 60 cm)
Bloom Months: Late Summer to Fall
USDA Hardiness Zones: 3 to 10

Blue-green flower heads turn rosy pink and intensify to deep ruby red, then bronze.

'PINK BOMB'

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: Late Summer to Fall
USDA Hardiness Zones: 5 to 10

Lovely pink flowers and uniform, compact, succulent foliage.

DARWIN PERENNIALS SHINES IN TRIALS

Here are some "top performer" and "excellent" perennial varieties ranked in garden trials in 2015.

COLORADO STATE UNIVERSITY, FORT COLLINS, CO

Perovskia Little Lace (p. 52) Named one of "Top Performers."

Veronica Moody Blues® Dark Blue (p. 83) Long bloom period and abundant spikes of dark blue flowers made this a standout. Plants were very uniform and had excellent winter hardiness. Additionally, plants had good resistance to disease and there was no sign of powdery mildew. The entire Moody Blues series was noted for superior performance.

FRANKLIN PARK CONSERVATORY, COLUMBUS, OH

Achillea New Vintage™ Violet (p. 1) – Excellent overall average score for second season 2015.

Salvia Lyrical™ White (p. 67) – Excellent performance in first season 2015.

PENN STATE UNIVERSITY, LANDISVILLE, PA

Heuchera 'Carnival Coffee Bean' (See DarwinPerennials.com) Excellent performer in the shade, 4.8/5 average shade rating, "Best of Species."

Heuchera 'Carnival Cocomint,' and **'Carnival Fall Festival'** (See DarwinPerennials.com) Excellent performer in the shade, 4.7/5 average shade rating.

UNIVERSITY OF MINNESOTA, MORRIS, MN

Achillea New Vintage™ Violet (p. 1) Excellent overall average score for 2015 season.

Salvia Lyrical™ White (p. 67) Excellent performance in first season 2015.

Sempervivum 'Silverine'

Sempervivum 'Carmen'

Sempervivum 'Commander Hay'

© MasterTag

Sempervivum 'Kalinda'

Sempervivum 'Royal Ruby'

© MasterTag

SEMPERVIVUM (HENS & CHICKS)

Sempervivum

'CARMEN'

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

Emerald green succulent leaves with bright red tips.

'COMMANDER HAY'

Height: 1 to 3 in. (2.5 to 7 cm)
Bloom Months: June to September
USDA Hardiness Zones: 3 to 8

Clumps of red and green rosettes.

'KALINDA'

Height: 2 to 8 in. (5 to 20 cm)
Bloom Months: June to September
USDA Hardiness Zones: 5 to 9

Large succulent leaves held in tight green heads with blood-red tips.

'RED BEAUTY'

Height: 4 in. (10 cm)
Bloom Months: June to September
USDA Hardiness Zones: 3 to 8

- 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. (7 to 10 cm)
Bloom Months: June to September
USDA Hardiness Zones: 3 to 8

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: 3 to 8

Rosettes start red, turning green with red margins as they grow.

'SILVERINE'

Height: 3 to 4 in. (7 to 10 cm)
Bloom Months: June to September
USDA Hardiness Zones: 3 to 8

Muted green foliage with red overtones.

SEMPERVIVUM (HENS & CHICKS)

Sempervivum arachnoideum

'COBWEB'

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

Pale green rosettes covered with fine silver hairs; produces bright reddish-pink flowers.

Sempervivum 'Red Beauty'

Sempervivum 'Ruby Heart'

Sempervivum 'Cobweb'

Silene 'Clifford Moor'

Silene 'Druett's Variegated'

© MasterTag

Sempervivum 'Sunset'

Solidago Little Lemon

© The John Henry Company

Solidago 'Fireworks'

SEMPERVIVUM
(HENS & CHICKS)
Sempervivum tectorum

'SUNSET'

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

Emerald green leaves with red tips take on orange/red cast in cool weather.

SILENE
(CAMPION)
Silene dioica

'CLIFFORD MOOR'

Height: 18 in. (45 cm)
Bloom Months: May to July
USDA Hardiness Zones: 5 to 8

Variegated leaves with deep green centers and creamy gold margins; single pink flowers.

SILENE
(CAMPION)
Silene uniflora

'DRUETT'S VARIEGATED'

Height: 3 to 6 in. (7 to 15 cm)
Bloom Months: May to July
USDA Hardiness Zones: 3 to 7

Deep green leaves with wide, creamy white margins; white pinwheel flowers; prostrate habit.

SOLIDAGO
(GOLDENROD)
Solidago

LITTLE LEMON

Height: 12 to 18 in. (30 to 45 cm)
Bloom Months: July to September
USDA Hardiness Zones: 4 to 9
PlantHaven, Inc.
'Dansolitlem' PP17,297

Compact, well-branched plants completely covered with racemes of bright lemon-yellow flowers in Summer.

SOLIDAGO
(GOLDENROD)
Solidago rugosa

'FIREWORKS'

Height: 36 to 48 in. (90 cm to 1.2 m)
Bloom Months: July to September
USDA Hardiness Zones: 5 to 9

Golden yellow flowers with wild, multi-branched panicles.

Stachys 'Hummelo'

Stachys 'Silver Carpet'

STACHYS (LAMB'S EAR)

Stachys byzantia

'HELENE VON STEIN'

Height: 12 in. (30 cm)
Bloom Months: July
USDA Hardiness Zones: 4 to 9

- Clump-forming habit with big, broad leaves.
- 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: 4 to 9

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. (50 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4 to 8

Compact clumps of textured, glossy green foliage with spikes of purple flowers.

STEVIA

Stevia rebaudiana

Height: to 24 in. (60 cm)
Bloom Months: None
USDA Hardiness Zones: 9 to 11

Tender perennial used as a dietary supplement; dried leaves are many times sweeter than sugar.

TEUCRIUM (GERMANDER)

Teucrium chamaedrys

Height: 12 in. (30 cm)
Bloom Months: Summer
USDA Hardiness Zones: 4 to 9

Evergreen sub-shrub with deep green leaves and rosy-purple flowers.

Stachys 'Helene Von Stein'

Stevia rebaudiana

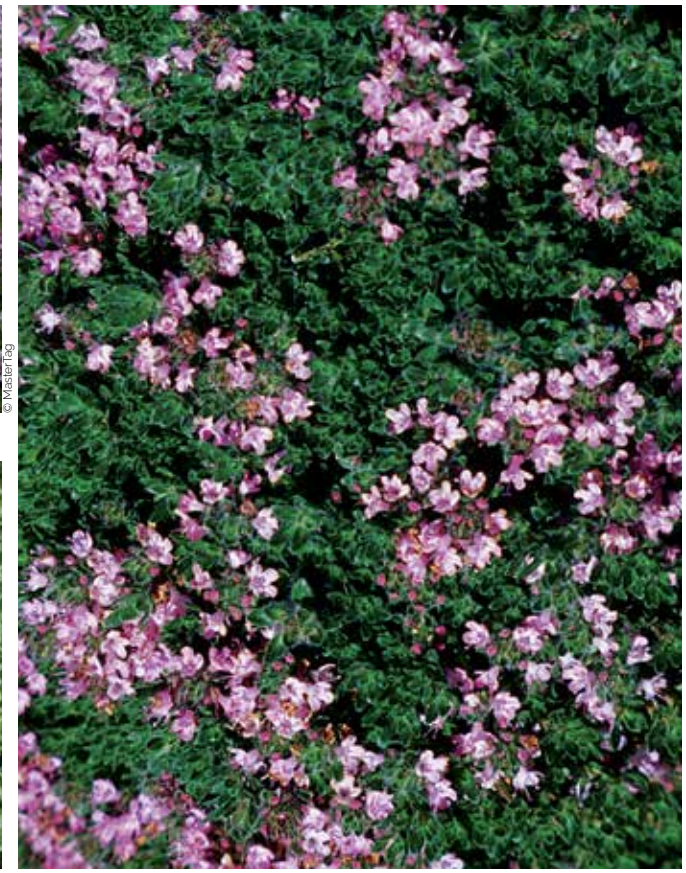
Teucrium chamaedrys

© MasterTag

Thymus 'Silver King'

© MasterTag

Thymus 'Spicy Orange'



Thymus 'Pink Chintz'

Thymus 'Albiflorus'

Thymus 'Hartington Silver'

Thymus 'Pseudolanuginosus'

Thymus 'Elfin'

Thymus 'Coccineus'

THYMUS (THYME)

Thymus citriodorus

'SILVER KING'

Height: 4 to 5 in. (10 to 12 cm)
Bloom Months: None
USDA Hardiness Zones: 7 to 9

Lemon-scented, medium-green leaves are splashed with cream.

'SPICY ORANGE'

Height: 2 to 4 in. (5 to 10 cm)
Bloom Months: None
USDA Hardiness Zones: 5 to 9

Needle-like leaves with a spicy orange scent; soft lavender flowers in late Spring.

THYMUS (THYME)

Thymus praecox

'ALBIFLORUS'

Height: 2 in. (5 cm)
Bloom Months: None
USDA Hardiness Zones: 4 to 9

Low-growing habit with green leaves and white flowers.

'COCCINEUS'

Height: 2 to 4 in. (5 to 10 cm)
Bloom Months: None
USDA Hardiness Zones: 5 to 9

Low-growing perennial with small, elliptical green leaves and fuchsia-red blooms in Summer.

'HARTINGTON SILVER'

Height: 2 to 4 in. (5 to 10 cm)
Bloom Months: None
USDA Hardiness Zones: 5 to 9

Small green leaves with creamy white margins and tiny flowers of palest pink in late Spring.

'PINK CHINTZ'

Height: 0.25 in. (0.65 cm)
Bloom Months: None
USDA Hardiness Zones: 4 to 9

Mat-forming creeper with tiny green leaves and pink flowers.

'PSEUDOLANUGINOSUS'

Height: 2 to 4 in. (5 to 10 cm)
Bloom Months: None
USDA Hardiness Zones: 5 to 9

Wooly creeper with gray foliage and white flowers; good for dry locations.

THYMUS (THYME)

Thymus serpyllum

'ELFIN'

Height: 1 in. (2.5 cm)
Bloom Months: None
USDA Hardiness Zones: 4 to 9

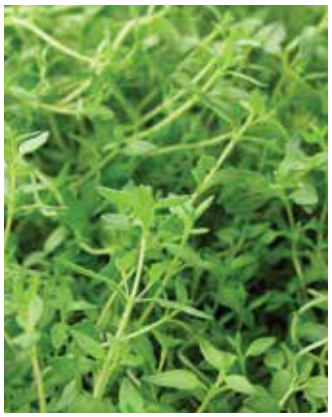
Tight, creeping groundcover with mats of tiny, dark green foliage and pink flowers in Summer.

Thymus Silver Edged Thyme

Thymus 'Magic Carpet'

Jeltto

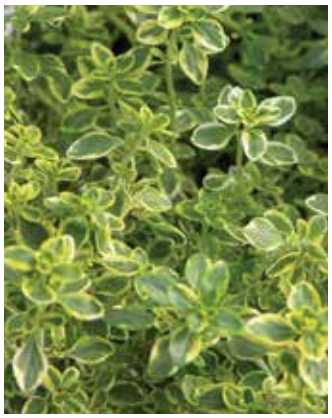
Thymus English Thyme



Thymus French Thyme

Thymus 'Doone Valley' Thyme

Thymus Lemon Thyme



Thymus Golden Lemon Thyme

'MAGIC CARPET'

Height: 2 in. (5 cm)
Bloom Months: None
USDA Hardiness Zones: 4 to 9

Tiny pink flowers float over mats of green, slightly hairy foliage.

THYMUS (THYME)

Thymus vulgaris

ENGLISH THYME

Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: None
USDA Hardiness Zones: 4 to 9

Popular culinary variety has rounded leaves, purple-pink flowers and a semi-creeping habit.

FRENCH THYME

Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: None
USDA Hardiness Zones: 4 to 9

Purple to white flowers with narrow, fragrant green leaves.

THYMUS (THYME)

Thymus x citriodorus

'DOONE VALLEY' THYME

Height: 1 to 2 in. (2.54 to 5.08 cm)
Bloom Months: June to July
USDA Hardiness Zones: 5

Purple flowers with lemon-scented, green and golden variegated foliage. Excellent for planting between stepping stones and rock gardens.

LEMON THYME

Height: 8 in. (20 cm)
Bloom Months: None
USDA Hardiness Zones: 5 to 9

Lemon-scented green leaves and lavender-pink flowers.

GOLDEN LEMON THYME

Height: 4 in. (10 cm)
Bloom Months: None
USDA Hardiness Zones: 6 to 9

Pungently lemon-scented leaves are golden and variegated when grown in bright light.

ORANGE THYME

Height: 12 in. (30 cm)
Bloom Months: None
USDA Hardiness Zones: 5 to 9

Orange or citrus-scented green leaves and lavender-pink flowers.

SILVER EDGED THYME

Height: 4 in. (10 cm)
Bloom Months: None
USDA Hardiness Zones: 4 to 9

Narrow green leaves with variable silver variegation, lavender-pink flowers, no lemon fragrance.

'VARIEGATUS'

Height: 4 in. (10 cm)
Bloom Months: None
USDA Hardiness Zones: 5 to 9

Lemon-scented green leaves with a thin, white-splashed margin and purple flowers.

Thymus Orange Thyme

Thymus 'Variegatus'

Veronica First Glory

Veronica First Love

Veronica First Choice

Verbena 'Homestead Purple'

© The John Henry Company
Veronica First Lady

Verbena 'Lollipop'

Verbena 'Biloxi Blue'

VERBENA (VERVAIN)
Verbena bonariensis

'LOLLIPOP'

Height: 24 in. (60 cm)
Bloom Months: May to frost
USDA Hardiness Zones: 7 to 11

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

VERBENA (VERVAIN)
Verbena canadensis

'HOMESTEAD PURPLE'

Height: 6 to 10 in. (15 to 25 cm)
Bloom Months: May to frost
USDA Hardiness Zones: 6 to 9

Small, deep purple flowers on vigorous, mounded plants.

VERBENA (VERVAIN)
Verbena x hybrida

'BILOXI BLUE'

Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: May to frost
USDA Hardiness Zones: 7 to 10

Tender perennial with violet flower heads and green, slightly spreading, mounded foliage.

VERONICA (SPEEDWELL)
Veronica longifolia

FIRST CHOICE

NEW FOR 2017
Height: 22 in. (56 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4 to 9
Rene van Gaalen B.V.
'Allchoice' PPAF

- Nice, soft pink addition to the First series.
- Long flowering.
- Vernalization not required.

FIRST GLORY

Height: 22 in. (56 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4 to 8
Rene van Gaalen B.V.
'Alllord' PP23,294

- Compact, highly uniform plants.
- Short, thick spikes of deep blue flowers.
- Vernalization not required.

FIRST LADY

Height: 22 in. (56 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4 to 8
Rene van Gaalen B.V.
'Alllady' PP23,271

- Compact plant habit.
- Sturdy, white flower spikes.
- Vernalization not required.

FIRST LOVE

Height: 22 in. (56 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4 to 9
Rene van Gaalen B.V.
'Allove' PPAF

- Uniform, short spikes of brilliant pink flowers.
- Short and well-branched plants.
- Excellent flower canopy without vernalization.

MOODY BLUES®

DARWIN PERENNIALS

Veronica Moody Blues Sky Blue

PROGRAMMABLE AND EASY TO PRODUCE: MUSIC TO A GROWER'S EARS!

Veronica Moody Blues Light Blue

Veronica Moody Blues Mauve

Veronica Moody Blues Pink

Veronica Moody Blues White

Veronica Venice Blue

Easy-to-grow variety makes an excellent season extender!

Veronica Moody Blues Dark Blue

Veronica Moody Blues Sky Blue

Veronica 'Giles Van Hees'

Veronica 'Sunny Border Blue'

Veronica Royal Candles

Veronica 'Red Fox'

VERONICA (SPIKE SPEEDWELL)
Veronica hybrida

MOODY BLUES® SERIES

Height: 12 to 14 in. (30 to 35 cm)
Bloom Months: June to October
USDA Hardiness Zones: 4 to 9
Darwin Perennials

Compact series of first-year-flowering Veronica.

- Excellent 1-gallon 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.

Entire **Moody Blues** series noted for superior performance by Colorado State University trial in 2015.

Dark Blue 'Novaverblu' PPAF
Light Blue 'Novaverlig' PPAF
Mauve 'Novavermau' PP26,621
Pink 'Novaverpin' PP25,748
Sky Blue 'Novaversky' PPAF
White 'Novaverwhi'

VERONICA (SPIKE SPEEDWELL)
Veronica spicata

'GILES VAN HEES'

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

Dwarf form with dark green foliage and short, bright pink flower spikes.

'SUNNY BORDER BLUE'

Height: 18 to 24 in. (45 to 60 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4 to 8

Long display of vivid blue flower spikes atop dark green leaves.

'RED FOX'

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

Produces rose-red spikes in Summer.

ROYAL CANDLES

Height: 12 in. (30 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4 to 8
PlantHaven, Inc.
'Glory' PP18,932

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

VERONICA (SPEEDWELL)
Veronica austriaca

VENICE BLUE

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: March to April
USDA Hardiness Zones: 4 to 9
Florensis
'Florverblue' PPAF

- Requires less vernalization than other *austriaca* types.
- Strong, upright stems for outstanding show at retail and in the garden.
- Early Spring-flowering variety loves heat.

Veronica 'Charlotte'

Veronica 'Georgia Blue'

Veronica 'Waterperry Blue'

Veronica 'Whitewater'

Veronica Goldwell

Veronica 'Sunshine'

Vinca minor

Vinca 'Bowles Cunningham'

DARWIN PERENNIALS

Veronica 'Purpleicious'

Long-blooming variety with intense purple flowers and dark green foliage.

Vinca Moonlit

Unique double lavender flowers.

VERONICA (SPEEDWELL)
Veronica longifolia

'CHARLOTTE'

Height: 24 to 33 in. (60 to 84 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4 to 9
Rijnbeek & Zn B.V.
PPAF

Bright white flower spikes against white and green variegated foliage.

VERONICA (SPEEDWELL)
Veronica peduncularis

'GEORGIA BLUE'

Height: 8 in. (20 cm)
Bloom Months: March to April
USDA Hardiness Zones: 5 to 8

Dense, gray-green, low-growing foliage with 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: 3 to 8

Spreading habit with light blue flowers and purple Winter foliage.

'WHITEWATER'

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: June to September
USDA Hardiness Zones: 3 to 8
Chicagoland Grows Inc.
PP22,783

Sport of 'Waterperry Blue' produces bright white flowers on burgundy-green foliage.

VERONICA (SPEEDWELL)
Veronica prostrata

GOLDWELL

Height: 4 in. (10 cm)
Bloom Months: June to September
USDA Hardiness Zones: 5 to 9
Blooms of Bressingham
'Verbrig' PP17,423

Blue-purple flowers over narrow green leaves edged in gold.

VERONICA (CREEPING SPEEDWELL)
Veronica repens

'SUNSHINE'

Height: 1 to 4 in. (2.5 to 10 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4 to 8

Groundcover type, creeping with white blooms on gold foliage.

VERONICA (SPEEDWELL)
Veronica x hybrida

'PURPLEICIOUS'

Height: 16 to 20 in. (40 to 50 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5 to 8
Darwin Perennials
PP17,639

- Well-branched plants have a strong, tidy habit.
- Very healthy, disease-free cultivar.

VINCA (MYRTLE)
Vinca minor

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

Low, creeping habit with glossy green foliage and blue flowers.

'BOWLES CUNNINGHAM'

Height: 5 to 8 in. (13 to 20 cm)
Bloom Months: April to May
USDA Hardiness Zones: 4 to 9

Vigorous, spreading variety has thick, glossy leaves and sky blue flowers. Also known as 'Bowles'.

'ILLUMINATION'

Height: 4 in. (10 cm)
Bloom Months: April to May
USDA Hardiness Zones: 4 to 9
PlantHaven, Inc.
PP12,132

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

MOONLIT

Height: 4 to 8 in. (10 to 20 cm)
Bloom Months: April to May
USDA Hardiness Zones: 5 to 9
'Parvin' PP20,484

- Grown primarily for its interesting, cream and green variegated leaves.
- Unique, fully double lavender blooms appear in Spring.
- Good garden groundcover that also trails in containers.

DARWIN PERENNIALS

Viola 'Halo Violet'

DARWIN PERENNIALS

Viola 'Halo Lemon Frost'

Extra-large, two-toned flowers captivate customers for early sales.

DARWIN PERENNIALS

Viola 'Blackout'

Viola Celestial Northern Lights

Vinca 'Illumination'

© Image Botanica

Viola Celestial 'Midnight'

Viola Celestial Twilight

Viola Celestial Starry Night

Viola Celestial Blue Moon

Viola 'Etain'

DARWIN

Viola 'Halo Sky Blue'

DARWIN

Viola 'Halo Lilac'

VIOLA (VIOLET)

Viola cornuta

'BLACKOUT'

Height: 5 to 6 in. (13 to 15 cm)
Bloom Months: April to October
USDA Hardiness Zones: 5 to 9
Darwin Perennials
PP23,369

Ultra-black flowers and medium green foliage look fantastic at retail.

- Deepest black viola blooms are dainty, yet durable and highly scented.
- Medium green foliage complements dark blooms.
- Heat-tolerant, low-maintenance plants keep their compact habit.

CELESTIAL™ SERIES

Height: 5 to 6 in. (13 to 15 cm)
Bloom Months: February to October
USDA Hardiness Zones: 5 to 9
PlantHaven, Inc.

* Ever-blooming, early-Spring perennial in bright, rich colors.
- Overwinters and oversummers.
- Heat-tolerant, highly scented varieties bloom all Summer.
- No vernalization required.

Blue Moon 'SMEV1' PP19,882
'Midnight' PPAF
Northern Lights 'SMEV4' PP24,591
Starry Night 'Lord Primrose' PP18,253
Twilight 'SMEV3' PP24,592

'ETAIN'

Height: 8 to 10 in. (20 to 25 cm)
Bloom Months: February to October
USDA Hardiness Zones: 5 to 9

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

HALO SERIES

Height: 8 to 10 in. (20 to 25 cm)
Bloom Months: February to April and September to October
USDA Hardiness Zones: 5 to 9
Darwin Perennials

- Excellent hardiness for long-lasting garden enjoyment.
- Very heat-tolerant.
- No vernalization required.
- Oversummers and overwinters.
- Larger flowers than Celestial.

'Halo Lemon Frost' PP26,383
'Halo Lilac' PP24,542
'Halo Sky Blue' PP24,541
'Halo Violet' PP24,428

DARWIN PERENNIALS

Viola Jumping Jack

Excellent landscape performer.

Viola Bonnie Lassies 'Emma'

Viola Bonnie Lassies 'Isabella'

Viola Bonnie Lassies 'Laura'

Viola Bonnie Lassies 'Sarah'

VIOLA
(VIOLET)
Viola hybrida

BONNIE LASSIES™ SERIES

Height: 6 to 10 in. (15 to 25 cm)
Bloom Months: Spring
USDA Hardiness Zones: 5a to 8
Blooms of Bressingham

Truly hardy plants put on a long-lasting show of larger-than-average, slightly fragrant blooms.

'Emma'
'Isabella'
'Laura'
'Sarah'

VIOLA
(VIOLET)
Viola pubescens

'REBECCA CAWTHORNE'

Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: Spring
USDA Hardiness Zones: 5 to 9

Fragrant purple flowers splashed with white; sporadic reblooming.

VIOLA
(VIOLET)
Viola x hybrida

JUMPING JACK

Height: 8 to 10 in. (20 to 25 cm)
Bloom Months: February to April and September to October
USDA Hardiness Zones: 5 to 9
Darwin Perennials
'Balvijac' PP21,084

- Extremely floriferous, continuously blooming variety.
- Good for Summer bedding, perennial borders and mixed containers.
- Much better heat tolerance than "Johnny Jump-Ups" of the past.

WALDSTEINIA
(BARREN STRAWBERRY)
Waldsteinia ternata

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: May to June
USDA Hardiness Zones: 3 to 8

Dense mats of semi-evergreen, strawberry-like foliage with yellow flowers.

Viola 'Rebecca Cawthorne'

Waldsteinia ternata

CULTURE GUIDE

A HANDY REFERENCE TO HELP YOU GROW THE FINEST PERENNIALS IN THE INDUSTRY.

Darwin Perennials Propagation Guide

Page		Crop	Series/Variety	Media EC/pH	Soil Temperature	Rooting Hormone	
1		**Achillea** *hybrid*	Moon Dust	EC 1.0–1.25 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500–1,000 ppm IBA	
1		**Achillea** *millifolium*	New Vintage™	EC 1.0–1.25 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500–1,000 ppm IBA	
2		**Achillea** *millifolium*	Song Siren™	EC 1.0–1.25 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500–1,000 ppm IBA	
4		**Agastache** *rugosa*	Little Adder	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500 ppm IBA	
8		**Alyssum** *wulfenianum*	Golden Spring	EC 0.80–1.0 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500 ppm IBA	
10		**Boltonia** *asteroides var. latisquama*	Jim Crockett	EC 0.80–1.0 mmhos/pH 5.8–6.2	68–74°F (20–24°C)	300 ppm IBA	
10		**Buddleia** *davidii*	Berry Fizz	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	1,000 ppm IBA	
11		**Buddleia** *davidii*	Blaze Pink	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	1,000 ppm IBA	
11		**Buddleia** *davidii*	Cran Razz	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	1,000 ppm IBA	
12		**Buddleia** *davidii*	Flutterby Petite®	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	1,000 ppm IBA	
12		**Buddleia** *davidii*	True Blue	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	1,000 ppm IBA	
14		**Campanula** *x hybrida*	Iridescent Bells	EC 0.80–1.0 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500–1,000 ppm IBA	
14		**Caryopteris** *hybrid*	Good As Gold	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	1,000–3,000 ppm IBA	
14		**Caryopteris** *x clandonensis*	Grand Bleu®	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	1,000–3,000 ppm IBA	
15		**Centaurea** *montana*	Lavender Mist	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	1,000 ppm IBA	

	Mist	Fertilization	Pinching	Transplanting	Comments
	Low to moderate	50–75 ppm N	Not necessary, remove premature flowers.	28–35 days after sticking	Do not over–mist.
	Low to moderate	50–75 ppm N	Not necessary, remove premature flowers.	28–35 days after sticking	Do not over–mist.
	Low to moderate	50–75 ppm N	Not necessary, remove premature flowers.	28–35 days after sticking	Do not over–mist.
	Low to moderate	50–75 ppm N	Recommended after roots are established. Leave 4–5 active internodes.	28–35 days after sticking	Stick cuttings the day of arrival, if possible.
	Low	50–75 ppm N	Recommended.	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.
	Moderate	75–100 ppm N when roots become visible; increase to 150–200 ppm N as roots develop	Recommended after roots are established.	28–35 days after sticking	Generally roots quickly.
	Low	50–75 ppm N	Recommended.	35–42 days after sticking	Do not over–mist. Long days in propagation will hasten rooting and plant development.
	Low	50–75 ppm N	Recommended.	35–42 days after sticking	Do not over–mist. Long days in propagation will hasten rooting and plant development.
	Low	50–75 ppm N	Recommended.	35–42 days after sticking	Do not over–mist. Long days in propagation will hasten rooting and plant development.
	Low	50–75 ppm N	Recommended.	35–42 days after sticking	Do not over–mist. Long days in propagation will hasten rooting and plant development.
	Low	50–75 ppm N	Recommended.	35–42 days after sticking	Do not over–mist. Long days in propagation will hasten rooting and plant development.
	Low to moderate	50–75 ppm N after 14 days	Not necessary.	35–42 days after sticking	Campanula typically have longer leaf petioles. Avoid dehydration during the first 3 days after sticking, then use a low to moderate mist regime. Avoid sticking cuttings too deep so that growing tip is exposed.
	Low to moderate	50–75 ppm N	Not necessary in liner stage	35–42 days after sticking	Discontinue mist as quickly as possible once rooting occurs.
	Low to moderate	50–75 ppm N	Not necessary in liner stage	35–42 days after sticking	Discontinue mist as quickly as possible once rooting occurs.
	Low	50–75 ppm N	Not necessary.	35–42 days after sticking	Use low mist and media moisture levels to avoid stem rot.

Darwin Perennials Propagation Guide

Page		Crop	Series/Variety	Media EC/pH	Soil Temperature	Rooting Hormone	
16		**Coreopsis** *grandiflora*	Sunny Day	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	1,000 ppm IBA	
16		**Coreopsis** *hybrid*	Little Bird	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	1,000 ppm IBA	
*		**Coreopsis** *x hybrida*	UpTick™	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500–1,000 ppm IBA	
18		**Coreopsis** *verticillata*	Sylvester	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	1,000 ppm IBA	
18		**Coreopsis** *verticillata*	Tweety	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	1,000 ppm IBA	
17		**Coreopsis** *verticillata*	Crème Caramel™	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	1,000 ppm IBA	
23		**Eupatorium** *dubium*	Little Joe	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500 ppm IBA	
24		**Euphorbia** *amygdaloides*	Red Velvet	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500–1,000 ppm IBA	
29		**Gaura** *lindheimeri*	Ballerina™	EC 0.75–0.80 mmhos/pH 5.8–6.2	68–73°F (20–24°C)	500 ppm IBA	
29		**Gaura** *lindheimeri*	Belleza™	EC 0.75–0.80 mmhos/pH 5.8–6.2	68–73°F (20–24°C)	500 ppm IBA	
29		**Gaura** *lindheimeri*	Little Janie, Whiskers Deep Rose	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500 ppm IBA	
30		**Geranium** *oxonianum*	Miss Heidi	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	1,000 ppm IBA	
31		**Heliopsis** *helianthoides*	Double Sunstruck, Sunstruck	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	1,000 ppm IBA	
*		**Heuchera** *x hybrida*	Carnival	EC 0.80–1.0 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500–1,000 ppm IBA	
*		**Heuchera** *sanguinea*	Frosty Morn	EC 0.80–1.0 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500–1,000 ppm IBA	

• See DarwinPerennials.com

	Mist	Fertilization	Pinching	Transplanting	Comments
	Moderate	50–75 ppm N	Pinch once in the liner stage	28–35 days after sticking	Begin fertilizing 7 days after stick. Avoid over-misting.
	Moderate	50–75 ppm N	Pinch once in the liner stage 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.
	Moderate	50–75 ppm N	Pinch once in the liner stage	35–42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
	Moderate	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.
	Moderate	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.
	Moderate	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.
	High for first few days, then reduce to moderate.	50–100 ppm N	Recommended	42–49 days after sticking	
	Low	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). Remove flowers in propagation.
	Low to moderate	75–100 ppm N when roots become visible; increase to 150–200 ppm N as roots develop	Yes, 7 days before transplanting.	35–42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
	Low to moderate	75–100 ppm N when roots become visible; increase to 150–200 ppm N as roots develop	Yes, 7 days before transplanting.	35–42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
	Low to moderate	50–75 ppm N when roots become visible	Recommended after roots are established. Leave 4–5 active internodes.	35–42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
	Low to moderate	50–75 ppm N when roots become visible	Not necessary.	35–42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
	Low	50–75 ppm N 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.
	Low to moderate	50–75 ppm N after 14 days	Not necessary.	35–42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
	Low to moderate	50–75 ppm N after 14 days	Not necessary.	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.

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Page		Crop	Series/Variety	Media EC/pH	Soil Temperature	Rooting Hormone	
34		**Iberis** *amara*	White Heat	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500 ppm IBA	
34		**Iberis** *gibraltarica*	Lavish	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500 ppm IBA	
36		**Lavandula** *angustifolia*	SuperBlue	EC 0.75–0.80 mmhos/pH 5.9–6.2	70–72°F (21–24°C)	500 ppm IBA	
37, 38		**Lavandula** *stoechas*	Anouk Series, Bright Luxurious, Luxurious	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500 ppm IBA	
41		**Leucanthemum** *x superbum*	Santé	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500 ppm IBA	
45		**Monarda** *didyma*	Balmy™	EC 1.0–1.25 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500 ppm IBA	
46		**Nepeta** *x faassenii*	Junior Walker	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500–1,000 ppm IBA	
49		**Penstemon** *hybrid*	Quartz™ Series: Amethyst, Rose	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500 ppm IBA	
49		**Penstemon** *x hybrida*	Cherry Sparks	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500 ppm IBA	
49		**Penstemon** *hybrid*	Little Bells	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500 ppm IBA	
51		**Penstemon** *x hybrida*	MissionBells™ Deep Rose	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500 ppm IBA	
51		**Penstemon** *hybrid*	Rock Candy®	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500 ppm IBA	
52		**Perovskia** *atriplicifolia*	CrazyBlue, Little Lace	EC 1.0–1.25 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	1,000 ppm IBA	
59		**Rhodanthemum** *hosmariense*	Casablanca, Marrakech	EC 0.80–1.0 mmhos/pH 5.8–6.2	68–74°F (20–24°C)	300 ppm IBA	
65		**Salvia** *greggii*	Mirage™	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500 ppm IBA	

	Mist	Fertilization	Pinching	Transplanting	Comments
	Moderate	50–75 ppm N when roots become visible	Recommended after roots are established. Leave active internodes.	28–35 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
	Moderate	50–75 ppm N when roots become visible	Recommended after roots are established. Leave 4–5 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.
	Low; prefers high humidity to mist	50–75 ppm N	Recommended.	42–56 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
	Low; prefers high humidity to mist	50–75 ppm N	Recommended after roots are established. Leave 4–5 active internodes.	42–56 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
	Low	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.
	Moderate	50–75 ppm N	Recommended.	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.
	Moderate	50–75 ppm N	Recommended.	35–42 days after sticking	Roots quickly. Plan to pinch in liner tray.
	Moderate to high for first 24 hours, then reduce to low	50–75 ppm N	Recommended.	35–42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C).
	Moderate to high for first 24 hours, then reduce to low	50–75 ppm N	Recommended.	35–42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C).
	Moderate to high for first 24 hours, then reduce to low	50–75 ppm N	Recommended.	35–42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C).
	Moderate to high for first 24 hours, then reduce to low	50–75 ppm N	Recommended.	35–42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C).
	Moderate to high for first 24 hours, then reduce to low	50–75 ppm N	Recommended.	35–42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C).
	Moderate to high for first 24 hours, then reduce to low	50–75 ppm N after 10 days	Recommended.	35–42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C).
	Moderate	75–100 ppm N when roots become visible; increase to 150–200 ppm N as roots develop	Recommended after roots are established.	35–42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C).
	Moderate	50–75 ppm N	Recommended after roots are established. Leave 4–5 active internodes.	35–42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C).

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Page		Crop	Series/Variety	Media EC/pH	Soil Temperature	Rooting Hormone	
62		**Salvia** *greggii*	Radio Red	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500 ppm IBA	
61		**Salvia** *hybrid*	Arctic Blaze™	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500 ppm IBA	
63		**Salvia** *hybrid*	Suncrest	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500 ppm IBA	
*		**Salvia** *nemorosa*	Blue Marvel	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	1,000 ppm IBA	
65		**Salvia** *nemorosa*	Burgundy Candles	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	1,000 ppm IBA	
67		**Salvia** *nemorosa*	Lyrical™	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	1,000 ppm IBA	
71		**Scabiosa** *columbaria*	Flutter™	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500 ppm IBA	
83		**Veronica** *austriaca*	Venice Blue	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500 ppm IBA	
84		**Veronica** *x hybrida*	Purpleicious	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500 ppm IBA	
83		**Veronica** *repens*	Moody Blues®	EC 0.75–0.80 mmhos/pH 5.8–6.2	70–72°F (21–24°C)	500 ppm IBA	
85		**Viola** *cornuta*	Blackout	EC 0.80–1.0 mmhos/pH 5.5–5.8	70–72°F (21–24°C)	500–750 ppm IBA	
85		**Viola** *cornuta*	Halo	EC 0.80–1.0 mmhos/pH 5.5–5.8	70–72°F (21–24°C)	500–750 ppm IBA	
86		**Viola** *x hybrida*	Jumping Jack	EC 0.80–1.0 mmhos/pH 5.5–5.8	70–72°F (21–24°C)	500–750 ppm IBA	

• See DarwinPerennials.com

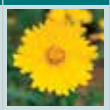
	Mist	Fertilization	Pinching	Transplanting	Comments
	Moderate	50–75 ppm N	Recommended after roots are established. Leave 4–5 active internodes.	35–42 days after sticking	Begin fertilizing 7 days after stick.
	Moderate	50–75 ppm N	Recommended after roots are established. Leave 4–5 active internodes.	35–42 days after sticking	Roots quickly. Plan to pinch in liner tray.
	Moderate	50–75 ppm N	Recommended after roots are established. Leave 4–5 active internodes.	35–42 days after sticking	Roots quickly. Plan to pinch in liner tray.
	Low	50–75 ppm N at Day 7	A soft pinch will increase branching.	35–42 days after sticking	Discontinue mist as quickly as possible and only mist to avoid leaf wilt.
	Low	50–75 ppm N at Day 7	A soft pinch will increase branching.	35–42 days after sticking	Discontinue mist as quickly as possible and only mist to avoid leaf wilt. Begin feeding 7 days after sticking with 75–100 ppm N.
	Low	50–75 ppm N at Day 7	A soft pinch will increase branching.	35–42 days after sticking	Discontinue mist as quickly as possible and only mist to avoid leaf wilt. Begin feeding 7 days after sticking with 75–100 ppm N.
	Low	50–75 ppm N	A soft pinch will increase branching.	35–42 days after sticking	Transplant as soon as roots are fully developed.
	Moderate	50–75 ppm N	Recommended after roots are established. Leave 4–5 active internodes.	35–42 days after sticking	Roots quickly. Plan to pinch in liner tray.
	Moderate	50–75 ppm N	Recommended after roots are established. Leave 4–5 active internodes.	35–42 days after sticking	Roots quickly. Plan to pinch in liner tray.
	Moderate	50–75 ppm N	Recommended after roots are established. Leave 4–5 active internodes.	35–42 days after sticking	Roots quickly. Plan to pinch in liner tray.
	Moderate for first 24–48 hours, then reduce to low.	50–75 ppm N at Day 7	Soft pinch recommended 25–28 days after sticking.	35–42 days after sticking	Excessive media moisture will slow rooting.
	Moderate for first 24–48 hours, then reduce to low.	50–75 ppm N at Day 7	Soft pinch recommended 25–28 days after sticking.	35–42 days after sticking	Excessive media moisture will slow rooting. Begin fertilizing at Day 7 with 75 ppm N.
	Moderate for first 24–48 hours, then reduce to low.	50–75 ppm N at Day 7	Soft pinch recommended 25–28 days after sticking.	35–42 days after sticking	Excessive media moisture will slow rooting. Begin fertilizing at Day 7 with 75 ppm N.

Darwin Perennials Finishing Guide

Page		Crop	Series/ Variety	Media pH	Temperature	Light Levels in Foot Candles	Watering	Fertilization	Pinching After Transplant
1		**Achillea** *hybrid*	Moon Dust	5.8–6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	5,000 to 8,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Recommended
1		**Achillea** *millifolium*	New Vintage™	5.8–6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	5,000 to 8,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Generally not required.
2		**Achillea** *millifolium*	Song Siren™	5.8–6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	5,000 to 8,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Generally not required.
4		**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)	3,000 to 5,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Recommended
8		**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)	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Recommended
10		**Boltonia** *asteroides var. latisquama*	Jim Crockett	5.6–6.3	Nights: 62 to 68°F (17 to 20°C) Days: 65 to 75°F (18 to 24°C)	5,000 to 8,000	Allow media to dry evenly between watering.	Maintain constant fertilization at 150 to 200 ppm N.	Recommended
10		**Buddleia** *davidii*	Berry Fizz	5.5–6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm.	Recommended
11		**Buddleia** *davidii*	Blaze Pink	5.5–6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm.	Recommended
11		**Buddleia** *davidii*	Cran Razz	5.5–6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm.	Recommended
12		**Buddleia** *davidii*	Flutterby Petite®	5.5–6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm.	Recommended
12		**Buddleia** *davidii*	True Blue	5.5–6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm.	Recommended
14		**Campanula** *x hybrida*	Iridescent Bells	5.8–6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	3,500 to 4,000	Allow media to dry evenly between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm.	None
14		**Caryopteris** *hybrid*	Good As Gold	5.8–6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	5,000 to 8,000	Allow media to dry evenly between watering	Use a balanced fertilizer at a rate of 125 to 150 ppm.	None
14		**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)	5,000 to 8,000	Allow media to dry regularly between watering	Use a balanced fertilizer at a rate of 125 to 150 ppm.	None
15		**Centaurea** *montana*	Lavender Mist	5.8–6.2	Nights: 45 to 50°F (7 to 10°C) Days: 55 to 60°F (13 to 16°C)	3,000 to 5,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	None

Plant Growth Regulators	Pests and Fungal Diseases	Crop Schedule & Uses					
		1–qt. (10–cm) pot, 1 plant per pot	1–gal. (15–cm) pot, 1 plant per pot	2 to 3–gal. (25 to 30–cm) pot, 3 plants per pot	Height	USDA Hardiness Zones	Bloom Months
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. (30–35 cm)	5 to 8	June–July
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. (30–35 cm)	4 to 9	June–July
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	20–22 in. (50–55 cm)	4 to 9	June–July
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. (38–45 cm)	5 to 9	June–Sept
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 to 9	Apr–May
PGRs generally not needed	*Botrytis*, *Pythium*	Unrooted: 9–11 wks Rooted: 5–7 wks	Unrooted: 11–14 wks Rooted 7–10 wks	Unrooted: 14–16 wks Rooted: 10–12 wks	18–24 in. (45–60 cm)	4 to 9	May–Sept
PGRs generally not needed	Aphids, thrips, spider mites	Not recommended	Unrooted: 20–22 wks Rooted: 14–16 wks	Unrooted 22–24 wks. Rooted: 16–18 wks	4-5 ft. (1.2-1.5 m)	5 to 10	May–Sept
PGRs generally not needed	Aphids, thrips, spider mites	Not recommended	Unrooted: 20–22 wks Rooted: 14–16 wks	Unrooted 22–24 wks. Rooted: 16–18 wks	5-6 ft. (1.5-1.8 m)	5 to 10	May–Sept
PGRs generally not needed	Aphids, thrips, spider mites	Not recommended	Unrooted: 20–22 wks Rooted: 14–16 wks	Unrooted 22–24 wks. Rooted: 16–18 wks	5-6 ft. (1.5-1.8 m)	5 to 10	May–Sept
PGRs generally not needed	Aphids, thrips, spider mites	Unrooted: 13–15 wks Rooted: 8–10 wks	Unrooted: 15–17 wks Rooted: 10–12 wks	Unrooted 22–24 wks. Rooted: 16–18 wks	24–30 in. (60–75 cm)	5 to 10	May–Sept
PGRs generally not needed	Aphids, thrips, spider mites	Not recommended	Unrooted: 20–22 wks Rooted: 14–16 wks	Unrooted 22–24 wks. Rooted: 16–18 wks	61-73 in. (1.55-1.85 m)	5 to 10	May–Sept
PGRs generally not needed	Aphid, Spider mite, Leaf spots, *Rhizoctonia* crown rot	Not recommended	Unrooted: 20–22 wks Rooted: 14–16 wks	Unrooted 22–24 wks. Rooted: 16–18 wks	24–30 in. (60–75 cm)	5 to 8	Apr–Sept
PGRs generally not needed	Spider mite	Not recommended	Rooted: 14–16 wks	Rooted: 14 wks	36–48 in. (90 cm–1.2 m)	7 to 8	Aug–Oct
PGRs generally not needed	Spider mite	Not recommended	Rooted: 12 to 14 wks	Rooted: 14 wks	48 in. (1.2 m)	6 to 9	Aug–Oct
PGRs generally not needed	Thrips, white fly, spider mites. Can be sensitive to crown and root rot when overwatered.	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)	16–18 in. (40–45 cm)	4 to 9	Apr–June

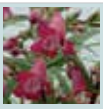
Darwin Perennials Finishing Guide

Page		Crop	Series/ Variety	Media pH	Temperature	Light Levels in Foot Candles	Watering	Fertilization	Pinching After Transplant
16		**Coreopsis** *grandiflora*	Sunny Day	5.8–6.2	Nights: 55 to 60°F (13 to 16°C) Days: 60 to 65°F (16 to 18°C)	5,000 to 8,000	Allow media to dry evenly between watering.	Maintain constant fertilization at 150 to 200 ppm N.	Recommended
16		**Coreopsis** *hydrid*	Little Bird	5.8–6.2	Days: 55 to 80°F (13 to 27°C)	5,000 to 8,000	Allow media to dry evenly between watering.	Maintain constant fertilization at 150 to 200 ppm N.	Recommended
*		**Coreopsis** *x hybrida*	UpTick™	5.8–6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Yes
18		**Coreopsis** *verticillata*	Sylvester, Tweety	5.8–6.2	Days: 55 to 80°F (13 to 27°C)	5,000 to 8,000	Allow media to dry evenly between watering.	Maintain constant fertilization at 150 to 200 ppm N.	Recommended
17		**Coreopsis** *verticillata*	Crème Caramel™	5.8–6.2	Days: 55 to 80°F (13 to 27°C)	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Recommended
*		**Digitalis** *x hybrida*	Foxlight™	5.8–6.2	Nights: 55 to 60°F (13 to 16°C) Days: 60 to 65°F (16 to 18°C)	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Recommended
*		**Echinacea** *x hybrida*	Double Scoop™	5.8–6.2	Nights: 55 to 60°F (13 to 16°C) Days: 60 to 65°F (16 to 18°C)	3,500 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	None
*		**Echinacea** *x hybrida*	Sombrero®	5.8–6.2	Nights: 55 to 60°F (13 to 16°C) Days: 60 to 65°F (16 to 18°C)	3,500 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	None
23		**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)	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.	Recommended
24		**Euphorbia** *amygdaloides*	Red Velvet	5.6–6.5	Nights: 50 to 55°F (10 to 13°C) Days: 55 to 60°F (13 to 16°C)	3,000 to 5,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.	Recommended
29		**Gaura** *lindheimeri*	Ballerina™, Belleza™	5.8–6.2	Nights: 56 to 61°F (13 to 16°C) Days: 71 to 76°F (21 to 24°C)	5,000 to 9,000	Allow media to dry slightly between watering.	Maintain constant fertilization at 175 to 225 ppm N.	Recommended
29		**Gaura** *lindheimeri*	Little Janie, Whiskers Deep Rose	5.8–6.2	Nights: 50 to 55°F (10 to 13°C) Days: 55 to 60°F (13 to 16°C)	3,000 to 5,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Recommended
30		**Geranium** *oxonianum*	Miss Heidi	5.8–6.2	Nights: 45 to 50°F (7 to 10°C) Days: 55 to 60°F (13 to 16°C)	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.	None
31		**Heliopsis** *helianthoides*	Double Sunstruck, Sunstruck	5.8–6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm.	Recommended
*		**Heuchera** *x hybrida*	Carnival	5.8–6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	1,500 to 2,500	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.	None

• See DarwinPerennials.com

Plant Growth Regulators	Pests and Fungal Diseases	Crop Schedule & Uses					
		1-qt. (10-cm) pot, 1 plant per pot	1-gal. (15-cm) pot, 1 plant per pot	2 to 3-gal. (25 to 30-cm) pot, 3 plants per pot	Height	USDA Hardiness Zones	Bloom Months
B-Nine 1,500 ppm/Cycocel 800 ppm tank mix for height control	Keep good air movement to control powdery mildew.	Not recommended	Unrooted: 15–17 wks Rooted: 10–12 wks	Unrooted: 19–22 wks Rooted: 12–14 wks	18–24 in. (45–60 cm)	4 to 9	June–Sept
PGRs generally not needed	Manage soil moisture to avoid root diseases. Keep good air movement to control powdery mildew. Aphids	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. (30–35 cm)	5 to 9	June–Sept
PGRs generally not needed	Spider mites	Not recommended	Rooted: 10–12 wks	Rooted: 12–14 wks	12–14 in. (30–35 cm)	5 to 9	May–Sept
PGRs generally not needed	Manage soil moisture to avoid root diseases.	Unrooted: 13–15 wks Rooted: 8–10 wks	Unrooted: 15–17 wks Rooted: 10–12 wks	Unrooted: 19–22 wks Rooted: 12–14 wks	Sylvester: 16–20 in. (40–50 cm) Tweety: 14–16 in. (35–40 cm)	4 to 9	June–Sept
PGRs generally not needed	Powdery mildew, aphids	Not recommended	Unrooted: 15–17 wks Rooted: 10–12 wks	Unrooted: 19–22 wks Rooted: 12–14 wks	18 in. (45 cm)	5 to 9	May–July
PGRs generally not needed	Aphids, white fly, spider mites	Not recommended	12–14 wks	12–14 wks	22–24 in. (56–60 cm)	7 to 10	Apr–Sept Natural season flowering
None	None noted	14–16 wks Spring plant 11–13 wks Summer plant for Fall	14–16 wks Spring plant 11–13 wks Summer plant for Fall	14–16 wks Spring plant 11–13 wks Summer plant for Fall	22–24 in. (56–60 cm)	4 to 9	June–Aug
None	None noted	14–16 wks Spring plant 11–13 wks Summer plant for Fall	14–16 wks Spring plant 11–13 wks Summer plant for Fall	14–16 wks Spring plant 11–13 wks Summer plant for Fall	22–24 in. (56–60 cm)	4 to 9	June–Aug
Concise/ Sumagic 30–60 ppm spray	None noted	Nor recommended.	Rooted: 20 weeks	Rooted: 20 weeks	3–4 ft. (90 cm–1.2 m)	3 to 9	Aug–Sept
PGRs generally not needed	Watch for powdery mildew in Fall. White fly, spider mites	Unrooted: 14–16 wks Rooted: 8–10 wks	Unrooted: 16–19 wks Rooted: 10–12 wks	Unrooted: 19–22 wks Rooted: 12–14 wks	18–20 in. (45–50 cm)	6 to 10	Mar–May
PGRs generally not needed	*Pythium*, *Rhizoctonia*, *Botrytis*	Unrooted: 10–13 wks Rooted: 7–10 wks	Unrooted: 12–15 wks, 2–3 ppp Rooted: 9–12 wks, 2–3 ppp	Unrooted: 14–16 wks, 3–5 ppp Rooted: 11–13 wks, 3–5 ppp	12–18 in. (30–45 cm)	6 to 9	Ballerina: Apr–Sept Belleza: May–Sept
PGRs generally not needed	Spider mites, aphids	Unrooted: 12–14 wks Rooted: 8–10 wks	Unrooted: 15–17 wks Rooted: 10–12 wks	Unrooted: 19–22 wks Rooted: 12–14 wks	Little Janie: 16–18 in. (40–45 cm) Whiskers Deep Rose: 14–16 in. (35–40 cm)	6 to 9	Apr–Sept
PGRs generally not needed	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)	14–16 in. (35–40 cm)	4 to 9	Apr–June
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. (45–40 cm)	4 to 9	Double Sunstruck: May–July Sunstruck: June–Aug
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	10–12 in. (25–30 cm)	4 to 9	Apr–May

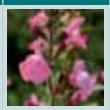
Darwin Perennials Finishing Guide

Page		Crop	Series/ Variety	Media pH	Temperature	Light Levels in Foot Candles	Watering	Fertilization	Pinching After Transplant
*		**Heuchera** *sanguinea*	Frosty Morn	5.8–6.2	Nights: 45 to 50°F (7 to 10°C) Days: 55 to 60°F (13 to 16°C)	1,500 to 2,500	Allow media to dry slightly between watering	Use a balanced fertilizer at a rate of 125 to 150 ppm.	None
34		**Iberis** *amara*	White Heat	5.8–6.2	Nights: 45 to 55°F (7 to 13°C) Days: 55 to 65°F (13 to 18°C)	3,000 to 5,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Recommended
34		**Iberis** *gibraltarica*	Lavish	5.8–6.2	Nights: 45 to 55°F (7 to 13°C) Days: 55 to 65°F (13 to 18°C)	3,000 to 5,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Recommended
36		**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)	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Once for smaller pot sizes, twice for larger containers
37, 38		**Lavandula** *stoechas*	Anouk Series, Bright Luxurious, Luxurious	5.8–6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.	Recommended
41		**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)	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Recommended
45		**Monarda** *didyma*	Balmy™	5.8–6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Recommended
46		**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)	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Recommended
49		**Penstemon** *hybrid*	Quartz™ Series: Amethyst, Rose	5.8–6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Yes
49		**Penstemon** *x 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)	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Yes
49		**Penstemon** *hybrid*	Little Bells	5.8–6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Yes
51		**Penstemon** *x hybrida*	MissionBells™ Deep Rose	5.8–6.2	Nights: 45 to 70°F (7 to 21°C) Days: 55 to 80°F (13 to 27°C)	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Yes
51		**Penstemon** *hybrid*	Rock Candy®	5.8–6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Yes
52		**Perovskia** *atriplicifolia*	CrazyBlue, Little Lace	5.6–6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Recommended
59		**Rhodanthemum** *hosmariense*	Casablanca, Marrakech	5.8–6.2	Nights: 45 to 50°F (7 to 10°C) Days: 55 to 60°F (13 to 16°C)	3,500 to 5,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Recommended

• See DarwinPerennials.com

Plant Growth Regulators	Pests and Fungal Diseases	Crop Schedule & Uses					
		1-qt. (10-cm) pot, 1 plant per pot	1-gal. (15-cm) pot, 1 plant per pot	2 to 3-gal. (25 to 30-cm) pot, 3 plants per pot	Height	USDA Hardiness Zones	Bloom Months
PGRs generally not needed	Aphids, spider mites, *Rhizoctonia*	Not recommended	Rooted: 10–12 wks	Rooted: 12–14 wks	8–10 in. (20–25 cm)	4 to 9	May–June
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	8–10 in. (20–25 cm)	7 to 10	Jan–Aug
PGRs generally not needed	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 to 9	Apr–Aug
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 to 8	June–Aug
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. (35–45 cm); Silver Anouk: 20–24 in. (50–60 cm)	6 to 9	Mar–July; Anouk and Silver Anouk: Mar–Sept
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 to 9	June–Aug
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 to 9	June–July
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. (45 cm)	5 to 8	May–Sept
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. (50–60 cm)	6 to 9	July–Aug
PGRs generally not needed	White fly, spider mites	Not recommended	Rooted: 10–12 wks	Rooted: 12–14 wks	18–20 in. (45–50 cm)	5 to 9	May–Aug
PGRs generally not needed	Spider mites	Unrooted: 10–14 wks Rooted: 8–10 wks	Unrooted: 15–17 wks Rooted: 10–12 wks	Unrooted: 19–22 wks Rooted: 12–14 wks	16 in. (40 cm)	6 to 9	June–July
PGRs generally not needed	White fly, spider mites	Not recommended	Rooted: 10–12 wks	Rooted: 12–14 wks	20–24 in. (50–60 cm)	5 to 9	June–Aug
PGRs generally not needed	Spider mites	Unrooted: 10–14 wks Rooted: 8–10 wks	Unrooted: 15–17 wks Rooted: 10–12 wks	Unrooted: 19–22 wks Rooted: 12–14 wks	12 in. (30 cm)	6 to 8	June–Sept
PGRs generally not needed	*Pythium* can be a problem if overwatered. White fly, spider mites	Not recommended.	Unrooted: 14–16 wks Rooted: 10–12 wks	Unrooted: 14–16 wks Rooted: 10–12 wks	CrazyBlue: 16–18 in. (40–45 cm) Little Lace: 12–18 in. (30–45 cm)	4 to 9	CrazyBlue: July–Aug Little Lace: July–Sept
B-Nine 1,500 ppm/Cycocel 800 ppm tank mix will reduce petiole stretch on Marrakech	White fly, spider mites, *Botrytis*	Unrooted: 15–17 wks Rooted: 10–12 weeeks	Unrooted: 16–18 wks, 1 ppp Rooted: 12–14 wks	Unrooted: 16–18 wks, 3 ppp Rooted: 12–14 wks	Marrakesh: 12–14 in. (30–35 cm) Casablanca: 10–12 in. (25–30 cm)	8 to 10	Mar–May and Sept–Oct

Darwin Perennials Finishing Guide

Page		Crop	Series/ Variety	Media pH	Temperature	Light Levels in Foot Candles	Watering	Fertilization	Pinching After Transplant
65		**Salvia** *greggii*	Mirage™	5.8–6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer of 150 to 175 ppm.	Yes
87		**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)	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Once for smaller pot sizes, twice for larger containers
61		**Salvia** *hybrid*	Arctic Blaze™	5.8–6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer of 150 to 175 ppm.	Yes
63		**Salvia** *hybrid*	Suncrest	5.8–6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer of 150 to 175 ppm.	Yes
*		**Salvia** *nemorosa*	Blue Marvel	5.8–6.2	Nights: 45 to 55°F (7 to 13°C) Days: 55 to 65°F (13 to 18°C)	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	None
65		**Salvia** *nemorosa*	Burgundy Candles	5.8–6.2	Nights: 45 to 55°F (7 to 13°C) Days: 55 to 65°F (13 to 18°C)	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Yes
67		**Salvia** *nemorosa*	Lyrical™	5.8–6.2	Nights: 45 to 55°F (7 to 13°C) Days: 55 to 65°F (13 to 18°C)	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Yes
71		**Scabiosa** *columbaria*	Flutter™	5.8–6.2	Nights: 45 to 55°F (7 to 13°C) Days: 55 to 65°F (13 to 18°C)	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Yes
83		**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)	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Yes
84		**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)	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Yes
83		**Veronica** *repens*	Moody Blues®	5.8–6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.	Yes
85		**Viola** *cornuta*	Blackout	5.5–5.8	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	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.	Recommended
85		**Viola** *cornuta*	Halo	5.5–5.8	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	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.	Recommended
86		**Viola** *x hybrida*	Jumping Jack	5.5–5.8	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	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.	Recommended

• See DarwinPerennials.com

Plant Growth Regulators	Pests and Fungal Diseases	Crop Schedule & Uses					
		1-qt. (10-cm) pot, 1 plant per pot	1-gal. (15-cm) pot, 1 plant per pot	2 to 3-gal. (25 to 30-cm) pot, 3 plants per pot	Height	USDA Hardiness Zones	Bloom Months
PGRs generally not needed	White fly, thrips	Rooted 6–8 wks	Rooted: 8–10 wks	Rooted: 12–14 wks	12–14 in. (30–25 cm)	7 to 9	Mar–Sept
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. (40–45 cm)	7 to 10	Mar–Sept
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. (60 cm)	6 to 11	Mar–Sept
PGRs generally not needed	Thrips	Not recommended	Unrooted: 14–16 wks Rooted: 10–12 wks	Unrooted: 16–18 wks Rooted: 12–14 wks	Compact: 10–15 in. (25–38 cm) Landscape: 24–36 in. (60–90 cm)	7 to 11	Mar–Sept
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	10–12 in. (25–30 cm)	4 to 9	Mar–Sept
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	26–28 in. (66–70 cm)	4 to 9	Mar–Sept
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. (56–60 cm)	4 to 9	Mar–Sept
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	Not recommended	12–18 in. (30–45 cm)	5 to 9	Mar–Sept
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 to 9	Mar–Apr
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. (40–50 cm)	5 to 8	June–Aug
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. (30–35 cm)	4 to 9	Jun–Oct
PGRs generally not needed	Watch for *Thielaviopsis* and *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	5–6 in. (13–15 cm)	5 to 9	Apr–Oct
PGRs generally not needed	Watch for *Thielaviopsis* and *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)	5 to 9	Feb–Apr, Sept–Oct
PGRs generally not needed	Watch for *Thielaviopsis* and *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)	5 to 9	Feb–Apr, Sept–Oct

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.

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 Saturated Media Extract (SME) method.

FERTILIZATION

Perennials can be fed using liquid fertilizers on a periodic or constant feed basis. Liquid fertilizer rates can be found in the Perennial Finishing Guide. Use a balanced formula that complements the pH and alkalinity of your irrigation water. Liquid fertilizing offers advantages of greater flexibility and control over fertility levels but can be difficult to administer economically when overhead irrigation is used. In the case of overhead irrigation, controlled release fertilizers (CRF) are preferable. Incorporate CRF into the media prior to planting based on manufacturer's recommendations or top–dress after planting.

SPACING

Spring–planted perennials should be spaced to finished spacing after transplant. This allows better growing conditions and helps to avoid overcrowding and stretch. The added airflow will help reduce foliar diseases and allow for better insect control.

Fall–planted perennials can be spaced at transplant in temperate climates or placed pot–tight in climates where temperatures cause containers to freeze. In either case, proper spacing for the anticipated finished size of the plant will dramatically improve plant quality and reduce labor.

INSECTS AND DISEASES

Incoming perennial liners or cuttings should be inspected for pests and diseases. Apply appropriate treatments as needed.

After transplant, regular scouting and careful observation is critical to maintaining a healthy crop. The practice of integrated pest management (IPM) will reduce losses and pesticide costs by identifying and correcting problems before they escalate. If a pesticide treatment is necessary, please refer to the manufacturer's label regarding proper usage. It is always a good practice to test new varieties for phytotoxicity when making pesticide applications.

VERNALIZATION AND BULKING

A number of perennial species require a period of cold temperature exposure to flower. The length of time varies from just a few weeks below 50°F (10°C) to as much as 10 weeks below 40°F (4°C). Generally speaking, early Spring–flowering perennials like *Phlox subulata*, Iberis and Alyssum require a cold period to flower. Many perennials such as *Salvia nemorosa*, Monarda and *Phlox paniculata* do not require vernalization to flower but do benefit from a cold, short day bulking period. In these cases, Summer or Fall planting increases root and crown mass and the corresponding flowering shoots on the plants. It has also been shown to hasten flowering in many species by up to four weeks.

OVERWINTERING

The keys to success when overwintering perennials are:

- Avoid standing water
- Provide adequate air circulation
- Preventative disease treatments
- Dead leaf/tissue removal
- Rodent control
- Low media EC when entering dormancy
- Avoid freeze and thaw cycles

The overwintering area, whether in a field or hoop–house, should be sloped so that rain or other water sources cannot accumulate. In climates where Winter conditions freeze and thaw, cover prior to freeze and uncover as soon as possible. Where temperatures remain below freezing, cover after first freeze and maintain the cover until late Winter or early Spring when weather moderates. Remove dead and abscising leaves from herbaceous perennials like Hosta, Monarda, Heliopsis and dormant Hemerocallis. Apply a broad spectrum fungicide prior to covering or closing hoop houses to reduce disease pressure.

Once weather conditions moderate, be sure to scout for insect and disease problems and respond accordingly. Also, check pH and EC levels in the media. Perennials that emerge from dormancy will begin to grow rapidly, and the lack of adequate nutrition will lead to reduced branching, lower leaf loss and smaller flowers.

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