2019 DARWIN PERENNIALS®

PERENNIALS WITH STAYING POWER™

Ball Seed®

2019 DARWIN PERENNIALS

Ball Seed®

STAYING POWER

Welcome to the 2019 Darwin Perennials catalog. The Darwin introductions included within were developed from years of breeding and searching the globe to find the best possible Perennials with Staying Power™. Our goal is to offer perennials with outstanding flowering and landscape performance that meet the needs of today's retail, landscape and nursery segments.

Inside, you will also find our extensive array of genetics available in multiple forms, including unrooted cutting production from our farm in Colombia, as well as tissue-culture-raised plugs, grasses and more. Our Colombian farm has reliably supplied the industry for more than 15 years. In addition, we have an exciting offering from leading breeders that feature Darwin Perennials genetics, including **Walters Gardens** and **Must Have Perennials®**, as well as all your favorite varieties. All of this makes Darwin Perennials a one-stop shop for all your perennial needs.

In this catalog, take a look at some of our breakthrough introductions like **Salvia 'Blue by You',** a hardy hybrid Salvia with vibrant, long-lasting flowers that repeat blooms from Spring to Fall. Or, check out one of our new series, **Helenium Salud™**, which brings excellent Summer and Fall color to any retail operation or landscape. Another notable new product includes **Salvia 'Sky Blue Marvel'.** It's a wonderful addition to popular **'Rose Marvel'** and **'Blue Marvel'**. And, the outstanding **Coreopsis UpTick™** series remains an exclusive product from Ball Seed.

Be sure to note our expanded culture section, which includes schedules and trialing protocols as well as regional top picks. We've trialed over 60+ different Darwin Perennials varieties to provide growers with a roadmap for bringing fresh perennials into color from Spring to Fall.

Finally, for ordering information and more, turn to your Darwin Perennial team of experts and your knowledgeable Ball Seed® Sales Representative, who are all ready to serve you!

Sincerely,

Leland Toering
Sales and Marketing Manager
630 588-3127, LToering@ballhort.com

On the Cover:
Coreopsis
'Super Star'

DARWIN FARM – COLOMBIA

FOCUSED ON RELIABILITY

Our focus is on ensuring a reliable supply of outstanding genetics from Darwin Colombia, our unrooted cutting production farm outside of Bogotá. Here are some of our investments and areas of concentration:

Clean Stock Program *(to ensure healthy, disease-free products)*
• Initiation and maintenance of entire assortment into on-site Tissue Culture Lab.

Production Planning *(to ensure order fulfillment and inventory)*
• Ability to trace all of our products forward and backward in the supply chain.
• Expanding and building new greenhouses to reliably meet your perennial needs for the future.

Post-Harvest Cold Chain *(to ensure quality cuttings from harvest throughout entire process)*
• Construction (completed in 2018) of a new, temperature-controlled cold room to maintain cold chain from harvest through shipment.
• Construction (completed in 2018) of a new packing area designed with lean flow efficiencies to maximize order-fill and packing accuracy.

Concentrating on reliability confirms our commitment to remain the leading supplier of perennial cuttings for the North American market.

DarwinPerennials®

DARWIN PERENNIALS VARIETIES

Here's where to find our Perennials With Staying Power™ in this catalog.

Achillea 10-13
Agastache 14
Alyssum 16
Armeria 18-19
Caryopteris 24
Coreopsis ..... XVI-XVII, 25-31
Dianthus 1
Digitalis 33
Echinacea 2-5
Erysimum 34-35
Eupatorium 36
Gaura 40-42
Helenium 44
Helianthus 45
Heliopsis 46-47
Heuchera 6-7
Iberis 48-51
Lavandula 54-56
Leucanthemum 57-58
Miscanthus 8
Monarda 62-63
Nepeta 64
Penstemon 67-73
Perovskia 74-76
Phlox 78-80
Salvia ..... XVIII-XIX, 88-93, 95-97
Scabiosa 98-99
Veronica 106-107, 109-111
Viola 112-113

See inside back cover for full product listing.

DARWIN PERENNIALS TEAM
AN EXPERIENCED TEAM WITH STAYING POWER.

DarwinPerennials®

TOGETHER, YOUR DARWIN TEAM HAS NEARLY **245 YEARS OF INDUSTRY EXPERIENCE;** many of them are long-time staff members at Ball Horticultural Company. This team understands the business, and has the know-how and expertise to help you grow and sell successfully.

JACCO KUIPERS

General Manager

JKuipers@ballhort.com
630 588-3430

30 Years Experience
Grower/Harvester Cut Flowers; Information Technology; Operations; Finance; Customer Relations and Sales Support Management

KARL BATSCHKE

Global Product Manager

KBatschke@ballhort.com
630 588-3373

41 Years Experience
Production; Propagation; Product Development; General Management

CATHERINE BLANEY

Operations Manager

CBlaney@ballhort.com
630 588-3168

10 Years Experience
Buyer; Wholesale and Retail Sales; Supply Chain and Operations Management

LELAND TOERING

Sales and Marketing Manager

LToering@ballhort.com
630 588-3127

20 Years Experience
Retail Sales; Buyer; Wholesale, Supply Chain, Customer Service and Sales Management

KAREN BUNTING

Perennial Business Manager

KBunting@ballhort.com
630 588-3348

20 Years Experience
Retail Sales; Perennial and Annual Growing; Breeder Representative; Perennials Supply Chain Management

KATIE ANDERSON

Business Manager Perennial Inputs

KAnderson@ballhort.com
630 588-3177

11 Years Experience
Supply Chain, Young Plant and Perennial Input Management

GREG SOLES

Key Accounts and Perennial Product Manager

GSoles@ballhort.com
717 799-8384

42 Years Experience
Greenhouse Owner; Wholesale and Territory Sales; Merchandiser; Consultant; Product Development; Perennial Product and New Product Management

NOEMI GROS

Perennial Assistant Business Manager

NGros@ballhort.com
630 588-3494

8 Years Experience
Business Consulting; Horticulture Design; Perennial Business Management

SARAH SWOFFORD

Trials Coordinator

SSwofford@ballhort.com
630 588-3351

7 Years Experience
Retail Sales; Customer Service; Plant Trials; Atrium and Garden Management

CRISTINA BRUSCO

Darwin Colombia General Manager

CBrusco@darwinperennials.com

31 Years Experience
Tissue Culture Lab, Propagation, Cold Room, General and Commercial Management

VICTOR RAMIREZ

Darwin Colombia Production Manager

VRamirez@darwinperennials.com

22 Years Experience
Cut Flower Exportation Consulting; Business, Technical and Production Management

DARWIN PERENNIALS 2019 **NEW VARIETIES**

Discover these exciting new additions to our ever-expanding perennial lineup.

Armeria Dreameria® Series, page 18
NEW 'Dream Weaver'
NEW 'Dreamland'

NEW Coreopsis 'Electric Sunshine', page 26

NEW Coreopsis 'Golden Stardust', page 27

NEW Coreopsis 'Super Star', page 28

NEW Echinacea Sombrero® Tres Amigos, page 3

NEW Helenium Salud™ Series, page 44
Embers
Golden
Yellow

NEW Iberis 'Summer Snowdrift', page 48

NEW Penstemon Mini-Bells™ Series, page 72
Lavender Bicolor
Red

NEW Phlox Ka-Pow® Series, page 78
Lavender
Pink
Purple
White Bicolor

Salvia Mirage™ Series, page 88
NEW Salmon
NEW White

NEW Salvia 'Blue by You', page 91

NEW Salvia 'Sky Blue Marvel', page XVIII

NEW Veronica 'Forever Blue', page 109

NEW Viola Halo Golden Yellow, page 113

Coreopsis 'Super Star', p. 28

Helenium Salud Embers, p. 44

Echinacea Sombrero Tres Amigos, p. 3

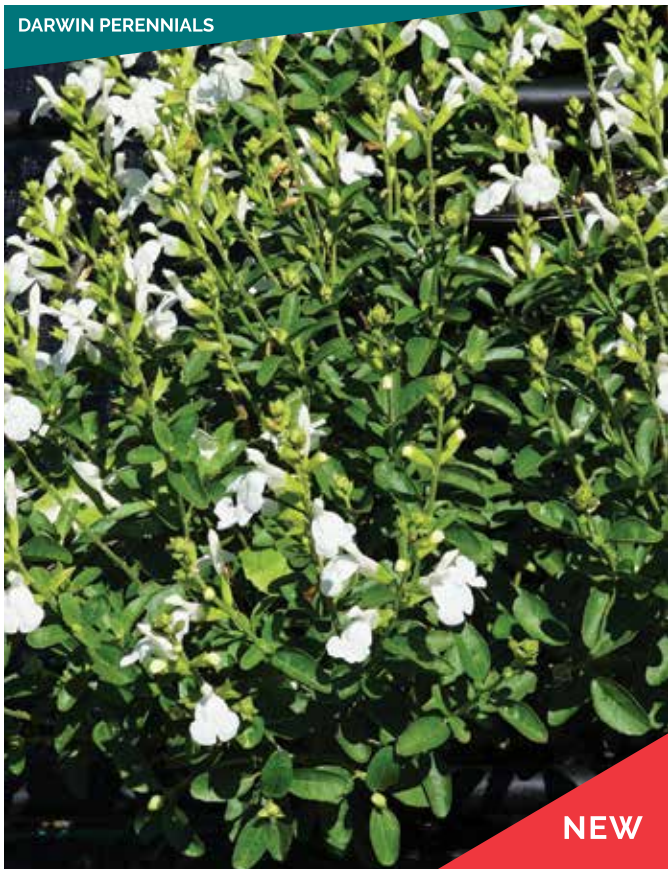
Phlox Ka-Pow Pink, p. 79

Phlox Ka-Pow White Bicolor, p. 79

Penstemon Mini-Bells Red, p. 72

Iberis 'Summer Snowdrift', p. 48

Salvia 'Sky Blue Marvel', p. XVIII



Salvia Mirage White, p. 89

Salvia 'Blue by You', p. 91

DARWIN PERENNIALS TRIAL AND AWARD WINNERS

Congratulations to these top-performing varieties from Darwin Perennials. These awards are based on the results of trials and competitions held throughout various regions.

Coreopsis UpTick™ Series, page XVI
• Louisiana State University 2016 Field Trials "Top Performer"
• Four Oaks "Best New Nursery Stock Plant Introduction"
• Greenhouse Grower Medal Of Excellence Industry's Choice Award 2016
• Metrolina Greenhouses Field Trials 2016 "Top Performer" Greenhouse Grower Medal of Excellence

TOP SELLER **Coreopsis UpTick™ Gold & Bronze**, page XVII
• Costa Garden Trials 2016 "Top Performer"
• Allan Armitage California Spring Trials "Top Picks"

Digitalis Foxlight™ Ruby Glow, page 33
Plantarium 2016 Silver Medal Winner

Echinacea Sombrero® Granada Gold, page 3
Classic City Award from the University of Georgia – Athens (UGA) trial gardens

TOP SELLER **Echinacea Sombrero® Sangrita**, page 3
2017 People's Choice Winner from the University of Georgia – Athens (UGA) trial gardens

TOP SELLER **Heuchera 'Carnival Rose Granita'**, page 7
Colorado State University Flower Trial 2016 "Top Performer Perennials"

Lavender SuperBlue, page 54
• Scored 4.7/5 average during July to September 2016 Best of Species at Penn State University, Landisville, Pennsylvania, first season
• Plantarium 2017 Silver Medal Winner

TOP SELLER **Monarda Balmy™ Purple**, page 63
Plantarium 2016 Bronze Medal Winner

Perovskia 'CrazyBlue', page 75
Colorado State University Flower Trial 2016 "Top Performer Perennials"

Salvia Arctic Blaze® Series, page 92
University of Georgia Trial Gardens "Plants of Distinction"

TOP SELLER **Salvia 'Blue Marvel'**, page 95
• Plantarium 2016 Gold Medal
• HTA National Plant Show "Best In Show"

TOP SELLER **Salvia Mirage™ Cherry Red**, page 89
• "Excellent" ratings at Chicago Botanic Gardens
• Colorado State University Flower Trial "Best Of..." Award Winner

Coreopsis UpTick Cream & Red, p. XVII

Coreopsis UpTick Gold & Bronze, p. XVII

Lavender SuperBlue, p. 54

Echinacea Sombrero Sangrita, p. 3

Perovskia 'CrazyBlue', p. 75

Salvia 'Blue Marvel', p. 95

Salvia Mirage Cherry Red, p. 89

WALTERS GARDENS

EXPANDING ON THE FINEST GENETICS

We are pleased to continue to partner with Walters Gardens, a well-recognized North American perennial young plant supplier that offers their varieties as unrooted cuttings out of Darwin Colombia. The Walters Gardens lineup includes more than 40 varieties covering 10 popular classes, expanding our unbeatable selection of the finest genetics in perennials.

Look for these powerful performers:

Agastache 'Rosie Posie', page XV
Buddleia Monarch® 'Glass Slippers', page 21
Coreopsis Sizzle & Spice™ 'Hot Paprika', page 31
Monarda Sugar Buzz® 'Bubblegum Blast', page 61
Nepeta 'Purrsian Blue', page 65
Perovskia 'Blue Jean Baby', page 73
Phlox 'Fashionably Early Crystal', page 79
Veronica 'Blue Skywalker', page 107

Agastache 'Rosie Posie', p. XV

Buddleia Monarch 'Glass Slippers', p. 21

Coreopsis Sizzle & Spice 'Hot Paprika', p. 31

Monarda Sugar Buzz 'Bubblegum Blast', p. 61

Nepeta 'Purrsian Blue', p. 65

Perovskia 'Blue Jean Baby', p. 73

Phlox 'Fashionably Early Crystal', p. 79

Veronica 'Blue Skywalker', p. 107

MUST HAVE PERENNIALS®

TRIED & TRUSTED™

We continue to build on our relationship with Must Have Perennials, a brand that brings new, innovative perennials to the market. Darwin Perennials is the exclusive unrooted cutting supplier of their perennial program. We also offer more than 40 of these high-quality varieties that have been tested for years – in gardens and container trials – at secure trial sites, leading perennial growers, universities and botanic gardens throughout North America. These comprehensive trials establish reliability and provide valuable information on regional performance to ensure success for you and your customers.

Don't miss these best-performing varieties in this year's catalog:

Achillea Ritzy Series – 'Rose' and **'Ruby',** page 11

Achillea Seduction Series – Saucy, Strawberry and **Sunny,** page 12

Centaurea 'Amethyst in Snow', page 25

Coreopsis 'Crème Brulee', page 30

Leucanthemum Freak!®, page 57

Rudbeckia 'Viette's Little Suzy', page 87

MUST HAVE Perennials®

Achillea Ritzy 'Rose', p. 11

Achillea Ritzy 'Ruby', p. 11

Achillea Seduction Strawberry, p. 12

Achillea Seduction Saucy, p. 12

Achillea Seduction Sunny, p. 12

Centaurea 'Amethyst in Snow', p. 25

Coreopsis 'Crème Brulee', p. 30

Leucanthemum Freak!, p. 57

Rudbeckia 'Viette's Little Suzy', p. 87

FLORENSIS

GLOBAL PARTNERS

We have a long-standing partnership with Florensis, a breeder and young plant producer in The Netherlands. Florensis has been providing professional growers with excellent plant propagation material and solutions since 1941. We are pleased to offer more than 25 of their top-quality varieties in this catalog.

Be sure to check out these notable offerings:

All NEW for 2019!

NEW Achillea Milly Rock Series, page 11
Red
Rose

NEW Eupatorium Euphoria™ Ruby, page 35

NEW Penstemon Polaris™ Series, page 67
Magenta
Purple
Red
Rose

Achillea Milly Rock Red, p. 11

Achillea Milly Rock Rose, p. 11

Eupatorium Euphoria Ruby, p. 35

Penstemon Polaris Magenta, p. 67

Penstemon Polaris Purple, p. 67

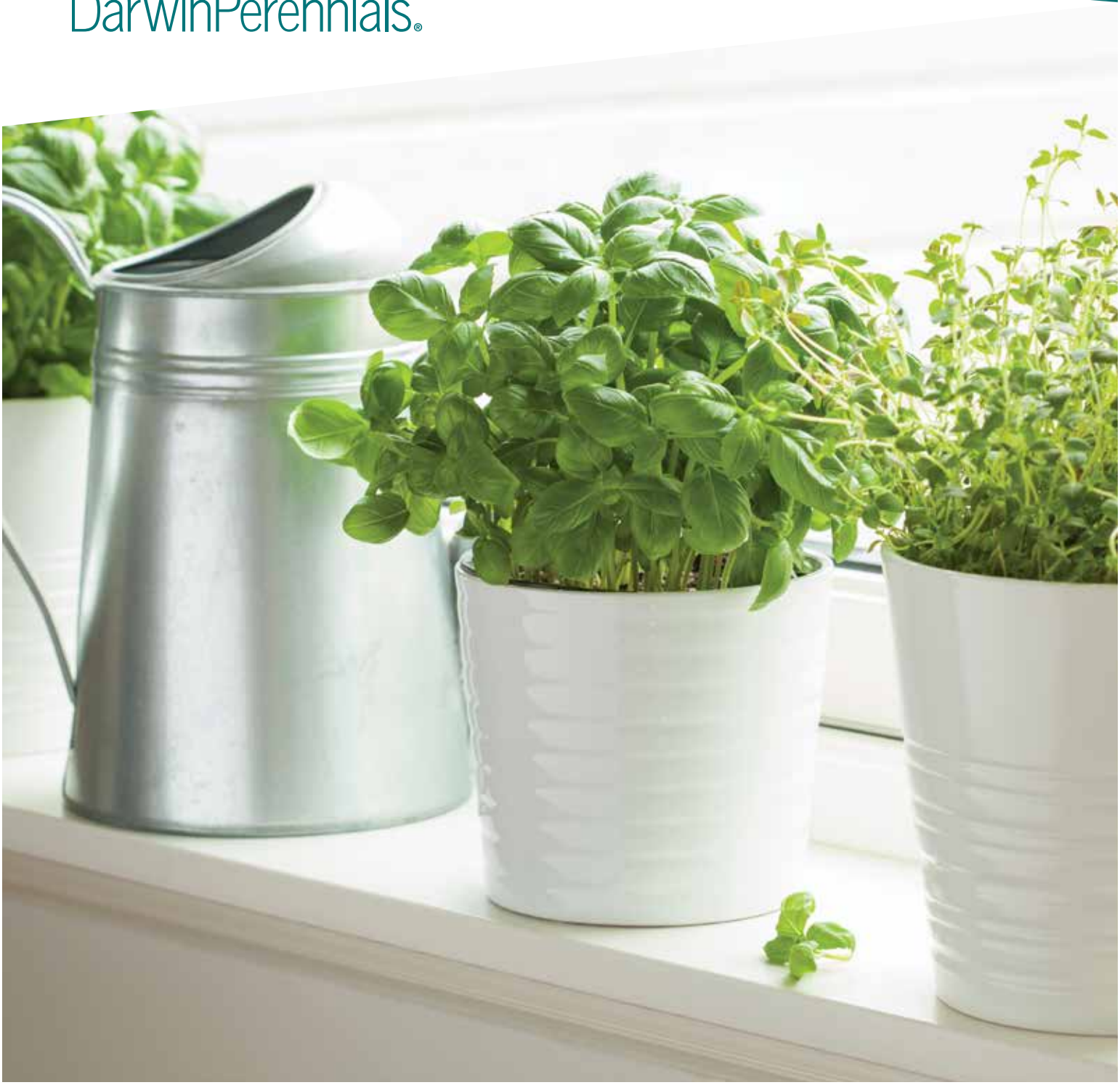
Penstemon Polaris Red, p. 67

Penstemon Polaris Rose, p. 67

HERBS

SPICE UP YOUR PROGRAM WITH A WIDE VARIETY OF AROMATIC AND POPULAR CULINARY HERBS!

DarwinPerennials®



HERB ASSORTMENT

DarwinPerennials®

Experience the sweet smell of success with these tender and perennial herbs:

ARTEMISIA/FRENCH TARRAGON, TOP SELLER page 17

MENTHA/MINT, page 60
Apple
Chocolate
Citrata Orange
'Kentucky Colonel'
TOP SELLER Mojito
Peppermint
Pineapple Variegated
Spearmint

OCIMUM/BASIL, page 65
'Kasar'

ORIGANUM/OREGANO, page 66
'Aureum'
'Compactum'
NEW Gentle Breeze
TOP SELLER Greek
'Hot and Spicy'
Italian
'Kent Beauty'
Variegated

ROSMARINUS/ROSEMARY, page 86
TOP SELLER 'Arp'
TOP SELLER 'Barbeque'
'Gorizia'
'Huntington Carpet'
'Madeline Hill'
Officinalis
'Prostratus'
'Salem'
'Spice Island'
TOP SELLER 'Tuscan Blue'

SALVIA/SAGE, page 94
'Aurea'
TOP SELLER 'Berggarten'
Garden
'Icterina'
'Purpurascens'
'Tricolor'

STEVIA, page 103

THYMUS/THYME, page 104-105
'Doone Valley'
TOP SELLER English
French
Golden Lemon
Lemon
Orange
Silver Edged
'Silver King'
Spicy Orange
Variegatus

LANDSCAPE PERFORMANCE!

Darwin Perennials varieties are trialed and selected for their proven success and longevity in the landscape.
You can count on the best genetics, reliable supply and proven performance in every Darwin Perennials plant.

DarwinPerennials®

Echinacea Sombrero Flamenco Orange, p. 3

Darwin Perennials products are also bred to be well-behaved and manageable, requiring minimal maintenance. For example, Nepeta Junior Walker™ – a third the size of its popular parent, 'Walker's Low' – stays neat and tidy and doesn't require shearing. It was selected as a Colorado State top performer in 2012. Or, Perovskia 'CrazyBlue' offers interlacing branches which prevent breakage during heavy rainfall.

In addition, Darwin Perennials varieties bring exceptional color and interest to landscapes. Tough and reliable, they can be mixed and matched to deliver a variety of hues and textures throughout the season, along with excellent weather tolerance.

DarwinPerennials®

Salvia Lyrical Blues, p. 97

Dianthus Mountain Frost Pink PomPom, p. 1

Monarda Balmy Purple, p. 63

Veronica Moody Blues Dark Blue, p. 107

HERE IS A SAMPLING OF SOME OF OUR GO-TO VARIETIES FOR THE LANDSCAPE:

Dianthus Mountain Frost™ Series — Pink PomPom and **Pink Twinkle**, page 1
Echinacea Sombrero® Flamenco Orange, page 3
Echinacea Double Scoop™ TOP SELLER **Cranberry** and TOP SELLER **Orangeberry**, page 5
Lavender SuperBlue, page 54
TOP SELLER **Monarda Balmy™ Purple**, page 63
Nepeta Junior Walker™, page 64
Perovskia 'CrazyBlue', page 75
TOP SELLER **Salvia 'Blue Marvel'**, page 95
TOP SELLER **Salvia Lyrical™ Blues**, page 97
Veronica Moody Blues® Series, page 107

2019 EXCLUSIVES

AGASTACHE 'MANGO TANGO'
AGASTACHE 'PEACHIE KEEN'
AGASTACHE 'ROSIE POSIE'
COREOPSIS UPTICK™ SERIES
NEW SALVIA 'SKY BLUE MARVEL'
SALVIA 'ROSE MARVEL'

Agastache 'Mango Tango'

Agastache 'Peachie Keen'

Agastache 'Rosie Posie'

AGASTACHE (ANISE HYSSOP)

Agastache aurantiaca

'MANGO TANGO'

WALTERS GARDENS

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

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

AGASTACHE (ANISE HYSSOP)

Agastache rupestris

'PEACHIE KEEN'

WALTERS GARDENS

Height: 20 to 24 in. (51 to 61 cm)
Bloom Months: Late Summer
USDA Hardiness Zones: 6a to 9b
PP25,886

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

'ROSIE POSIE'

WALTERS GARDENS

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

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

UPTICK™

Coreopsis UpTick Gold & Bronze

THIS OUTSTANDING FAMILY OFFERS COLORFUL, LONG-LASTING BLOOMS FROM SPRING TO FALL.

AWARD-WINNING UPTICK SERIES EARNS TOP HONORS IN TRIALS ACROSS THE COUNTRY.

Gold & Bronze

Yellow & Red

Cream

Cream & Red

Gold & Bronze

Yellow & Red

COREOPSIS (TICKSEED)

Coreopsis hybrida

UPTICK™ SERIES

DARWIN PERENNIALS

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

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

Tidy, mounded habit is easier to ship and shows better at retail.

- Keeps its shape – and color – in the landscape all Summer long.
- Cream is a clean, creamy white that's much sought-after for landscape design.
- Low maintenance and very mildew-resistant.

- **Louisiana State University 2016 Field Trials "Top Performer"**
- **Four Oaks "Best New Nursery Stock Plant Introduction"**
- **Greenhouse Grower Medal Of Excellence Industry's Choice Award**
- **Metrolina Greenhouses Field Trials 2016 "Top Performer"**

Cream 'Balupteam' PP28,964
Cream & Red 'Balupteamed' PP28,866

TOP SELLER **Gold & Bronze**
Costa Garden Trials 2016 "Top Performer"; Allan Armitage California Spring Trials "Top Picks"
'Baluptgonz' PP28,882

TOP SELLER **Yellow & Red**
'Baluptowed' PP28,865

Salvia 'Sky Blue Marvel'

SALVIA (SAGE)
Salvia nemorosa

'SKY BLUE MARVEL'

NEW FOR 2019
DARWIN PERENNIALS

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

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

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

DARWIN PERENNIALS

ROSE MARVEL

Salvia 'Rose Marvel'

SALVIA
(SAGE)
Salvia nemorosa

'ROSE MARVEL'

DARWIN PERENNIALS

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

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

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

2019 VARIETIES FEATURING THE FINEST DARWIN PERENNIALS GENETICS

DIANTHUS MOUNTAIN FROST™ COLLECTION
ECHINACEA SOMBRERO® SERIES
ECHINACEA DOUBLE SCOOP™ SERIES
HEUCHERA CARNIVAL SERIES
GRASSES (MISCANTHUS BANDWIDTH,
MISCANTHUS MY FAIR MAIDEN & PANICUM RUBY RIBBONS)

Dianthus Mountain Frost Pink Carpet

Dianthus Mountain Frost Pink PomPom

Dianthus Mountain Frost Pink Twinkle

Dianthus Mountain Frost Rose Bouquet

Dianthus Mountain Frost Silver Strike

Dianthus Mountain Frost White Twinkle

DIANTHUS (CHINA PINKS, CHEDDAR PINKS)

Dianthus hybrida

MOUNTAIN FROST™ COLLECTION

DARWIN PERENNIALS

Height: Varies by Variety
Bloom Months: March to October
USDA Hardiness Zones: 5a to 9a
Available as URCs or liners

- Requires no vernalization to flower.
- Will rebloom consistently from early Spring until Fall.
- Tolerant of rainy and wet conditions.
- A great landscape border collection.
- Tidy, mounding habit is great for landscape borders.

Pink Carpet Height: 6 to 8 in. (15 to 20 cm) A burst of bright pink color and strong, green foliage. 'KonD1010K2' PPAF
Pink PomPom Height: 6 to 8 in. (15 to 20 cm) Double rose-pink flowers. 'KonD1014K3' PPAF
Pink Twinkle Height: 6 to 8 in. (15 to 20 cm) Bright, bicolor pink flowers with silvery-green foliage. 'KonD1060K3' PPAF

Rose Bouquet Height: 10 to 12 in. (25 to 30 cm) Extra-large, deep rose flowers with deep green foliage. 'KonD1044K2' PPAF
Silver Strike Height: 8 to 10 in. (20 to 25 cm) Bright, bicolor pink flowers and silver foliage. 'KonD1039K1' PPAF
White Twinkle Height: 5 to 6 in. (13 to 15 cm) Bright, bicolor white and pink flowers. 'KonD1060K1' PPAF

SOMBRERO®

Echinacea Sombrero Series

HATS OFF TO SOMBRERO'S UNIFORM HABIT AND VIBRANT COLORS THAT CREATE A FIESTA FOR THE LANDSCAPE!

Tres Amigos

Adobe Orange

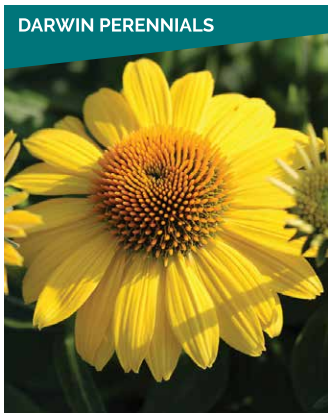
Flamenco Orange

Blanco

Baja Burgundy

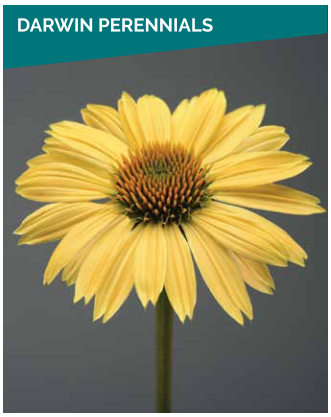
Granada Gold

Hot Coral

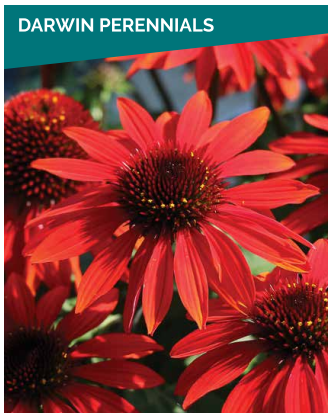


Lemon Yellow Improved

Salsa Red



Sandy Yellow



Sangrita

ECHINACEA (CONEFLOWER)

Echinacea x hybrida

SOMBRERO® SERIES

DARWIN PERENNIALS

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

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

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

TOP SELLER **Adobe Orange** 'Balsomador' PP26,639; US7,982,110; CPBR5636

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

Blanco 'Balsomblanc'

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

Granada Gold Features a rich, golden-yellow color that doesn't fade, and the outstanding Sombrero habit and hardiness. Classic City Award from the University of Georgia – Athens (UGA) trial gardens 'Balsomold' PPAF; US7,982,110

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

TOP SELLER **Lemon Yellow Improved** Upgraded for wider, overlapping petals for a more colorful flower presentation. Also, it features a more compact habit and more flowers per plant. 'Balsomemyim' PPAF; US7,982,110

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

Sandy Yellow 'Balsomselo' PP23,104; US7,982,110

TOP SELLER **Sangrita** A vibrant scarlet-red color with burgundy-red flower stems that enhance the beauty of the plant. 2017 People's Choice Winner from the University of Georgia – Athens (UGA) trial gardens 'Balsomanita' PPAF; US7,982,110

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

DOUBLE SCOOP™

Echinacea Double Scoop Bubble Gum

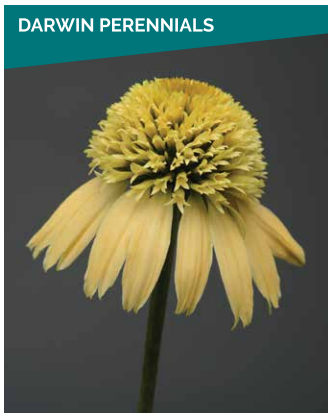
TWICE THE EXCITEMENT! HUGE DOUBLE BLOOMS AND BOLD, RICH COLORS HIGHLIGHT THIS SWEET GARDEN TREAT.

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

Bubble Gum

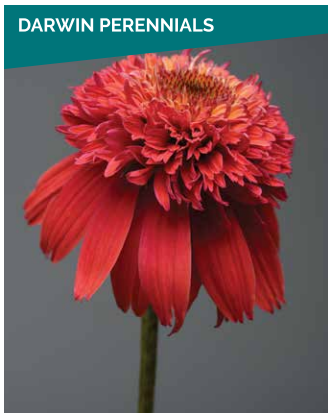
Cranberry

Mandarin



Lemon Cream

Mandarin



Orangeberry

Mandarin

Raspberry

ECHINACEA (CONEFLOWER)
Echinacea x hybrida

DOUBLE SCOOP™ SERIES

DARWIN PERENNIALS

Height: 22 to 24 in. (56 to 61 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4a to 9b
Available as tissue culture-raised liners

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

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

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

TOP SELLER **Cranberry** 'Balscanery' PP24,769; US7,982,110

Lemon Cream Opens yellow and matures to a rich cream, with excellent branching, flower power and proven Zone 4 Winter hardiness! 'Balsclemc' PP27,858; US7,982,110

TOP SELLER **Mandarin** 'Balscandin' PP26,640; US7,982,110

TOP SELLER **Orangeberry** 'Balscoberr' PP23,145; US7,982,110

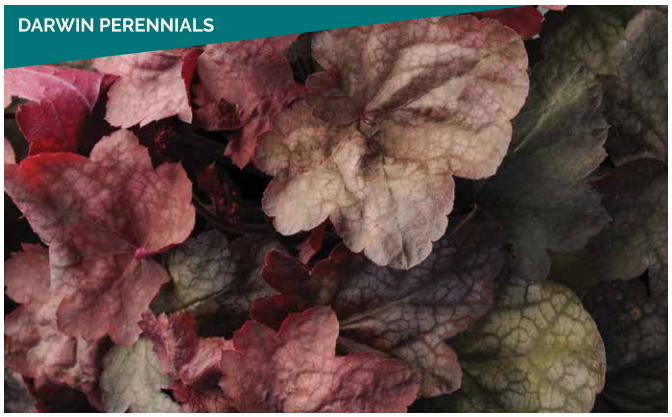
Raspberry 'Balsceras' PP23,117; US7,982,110

CARNIVAL

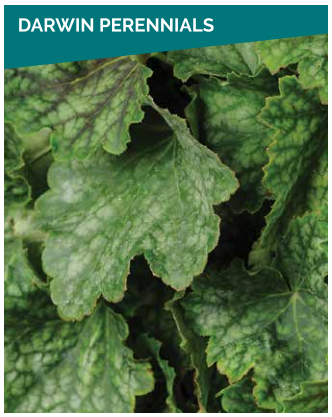
Heuchera 'Carnival Cocomint'
Heuchera 'Carnival Watermelon'
Gaura 'Whiskers Deep Rose'
Alyssum 'Golden Spring'

THESE SPECTACULAR HEUCHERA OFFER A CAROUSEL OF COLOR AT A MODEST PRICE.

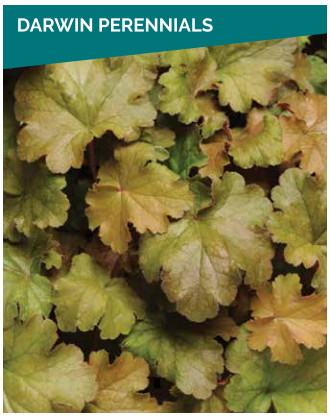
'Carnival Black Olive'



'Carnival Candy Apple'

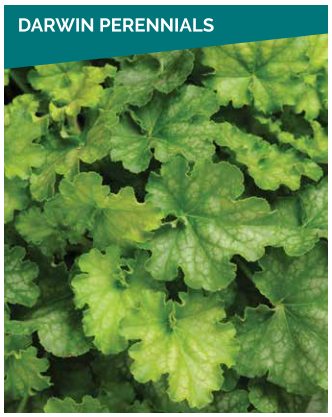


'Carnival Cocomint'

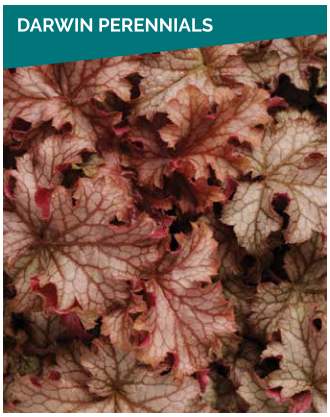


'Carnival Coffee Bean'

'Carnival Fall Festival'

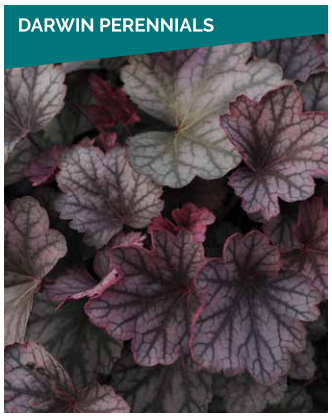


'Carnival Limeade'

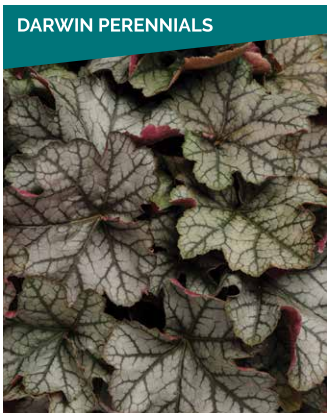


'Carnival Peach Parfait'

'Carnival Plum Crazy'



'Carnival Rose Granita'



'Carnival Silver Streak'

'Carnival Watermelon'

HEUCHERA (CORAL BELLS)

Heuchera x hybrida

CARNIVAL SERIES

DARWIN PERENNIALS

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

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

- Incredible color assortment of well-matched varieties with distinct leaf venation.
- Hybrid varieties have *H. villosa* parentage for excellent heat tolerance and better garden performance.
- Series is great for 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

TOP SELLER **'Carnival Peach Parfait'** PP24,928

TOP SELLER **'Carnival Plum Crazy'** PP24,771

TOP SELLER **'Carnival Rose Granita'** Colorado State University Flower Trial 2016 "Top Performer Perennials" Winner
'Carnival Silver Streak' PP24,770

TOP SELLER **'Carnival Watermelon'** PP24,803

Miscanthus Bandwidth

Miscanthus My Fair Maiden

Panicum Ruby Ribbons

MISCANTHUS (JAPANESE SILVER GRASS)

Miscanthus sinensis

BANDWIDTH

DARWIN PERENNIALS

Height: 30 to 36 in. (76 to 91 cm)
Bloom Months: October to November
USDA Hardiness Zones: 5a to 9b
Available as a liner only
'NCMS2B' PPAF

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

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

"The new Miscanthus Bandwidth is infertile, so it won't reseed for the grower or the gardener, and its full, compact size is ideal for any yard or outdoor garden room. We placed a container of Bandwidth on a company patio this Summer, and it was a big hit here at Emerald Coast Growers. We love the bright green leaves with gold highlights. I want one of these on my balcony at home!"

Pamela Straub
Key Accounts and Customer Service Manager, Emerald Coast Growers, FL

MISCANTHUS (MAIDEN GRASS)

Miscanthus sinensis

MY FAIR MAIDEN

DARWIN PERENNIALS

Height: 72 to 102 in. (183 to 259 cm)
Bloom Months: October to November
USDA Hardiness Zones: 5a to 9a
'NCMS1' PP26,387

A non-invasive, infertile hybrid Maiden Grass.

• Ideal for dramatic backgrounds in the landscape.

PANICUM (SWITCH GRASS)

Panicum virgatum

RUBY RIBBONS

Height: 24 to 36 in. (61 to 91 cm)
Bloom Months: September to October
USDA Hardiness Zones: 4a to 9a
Liners available from Emerald Coast Growers, FL
'RR1' PP17,944

Lovely blue-green foliage emerges in the Spring, maturing to a wine-red color by mid-Summer.

• The perfect accent grass for large containers and beds.

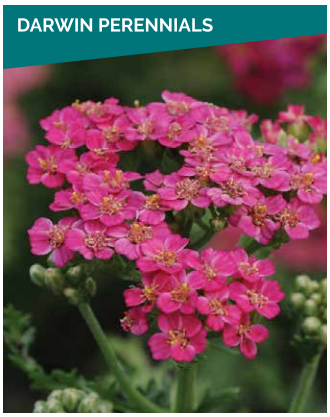
FIND MORE THAN **600 POPULAR, UNROOTED VARIETIES** IN THIS A-Z LISTING AND GET GROWING!

NEW VINTAGE™

Achillea New Vintage Violet

ADD SPLASHES OF
LONG-LASTING COLOR TO
GARDEN CONTAINERS.

Achillea New Vintage Red



Achillea New Vintage Rose

Achillea New Vintage Violet

Achillea New Vintage White

Achillea Milly Rock Red

Achillea Milly Rock Rose

Achillea Little Moonshine

Achillea 'Paprika'

Achillea Ritzy 'Rose'

Achillea Ritzy 'Ruby'

ACHILLEA (YARROW)

Achillea millefolium

NEW VINTAGE™ SERIES

DARWIN PERENNIALS

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

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

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

TOP SELLER **Red** 'Balvinred' PP25,618

TOP SELLER **Rose** 'Balvinrose' PP25,712

Violet A two-time winner with an excellent overall average score for the second season, from the Franklin Park Conservatory, Columbus, Ohio. 'Balvinolet' PP25,750

White 'Balvinwite' PP25,711

LITTLE MOONSHINE

MUST HAVE PERENNIALS®

Height: 9 to 12 in. (23 to 30 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4a to 8b

'ACBZ0002' PP28,179

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

MILLY ROCK SERIES

NEW FOR 2019

FLORENSIS, B.V.

Height: 14 to 16 in. (36 to 41 cm)
USDA Hardiness Zones: 5a to 9a

Known for its compact, mounding habit that holds together nicely all Summer long. Plants will bloom from late-Spring until Fall, and offer pest and disease resistance.

Red 'FLORACHRE1' PPAF
Rose 'FLORACHRO1' PPAF

'PAPRIKA'

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

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

RITZY SERIES

MUST HAVE PERENNIALS®

Height: 10 to 14 in. (25 to 36 cm)
Bloom Months: Late Spring to Summer
USDA Hardiness Zones: 4a to 8b

Compact, long-flowering Achillea.

'Rose' PPAF
'Ruby' PPAF

DARWIN PERENNIALS

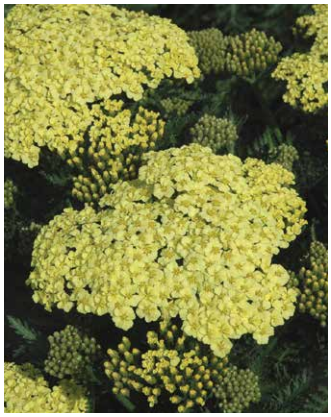
Achillea Song Siren 'Angie'

DARWIN PERENNIALS

Achillea Song Siren 'Layla'

Achillea 'Saucy Seduction'

Achillea 'Strawberry Seduction'



Achillea 'Sunny Seduction'

Achillea Tutti Frutti 'Apricot Delight'

ACHILLEA (YARROW)

Achillea millefolium

SEDUCTION SERIES

MUST HAVE PERENNIALS®

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

Excellent flowering uniformity with remarkably dense columnar habit.

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

SONG SIREN™ SERIES

DARWIN PERENNIALS

Height: 20 to 22 in. (51 to 56 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 9b

- Colors as inspired as the songs they're named for!
- Rich color selection in a garden-height Achillea.
- Color holds up well in the garden.
- Ideal for one or two-gallon Summer programs.

'Angie'
'Layla'

TUTTI FRUTTI SERIES

MUST HAVE PERENNIALS®

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

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

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

ACHILLEA (YARROW)

Achillea x lewisii

'KING EDWARD'

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

Pale primrose-yellow flowers over wooly foliage.

Achillea Tutti Frutti 'Pink Grapefruit'

Achillea Tutti Frutti 'Pomegranate'

Achillea Tutti Frutti 'Wonderful Wampee'

Achillea 'King Edward'

Achillea 'Sassy Summer Lemon'

Achillea 'Sassy Summer Sangria'

Achillea 'Sassy Summer Sunset'

Achillea 'Sassy Summer Taffy'

Achillea Moon Dust

Achillea 'Peter Cottontail'

Achillea 'Coronation Gold'

Achillea 'Moonshine'

ACHILLEA (YARROW)
Achillea

'CORONATION GOLD'

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

Large, deep yellow heads are excellent for drying.

'MOONSHINE'

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

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

SASSY SUMMER SERIES

NEW FOR 2019
WALTERS GARDENS

Height: 28 to 32 in. (71 to 81 cm)
USDA Hardiness Zones: 3a to 8b

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

'Sassy Summer Lemon' Bright sunny yellow flowers. PPAF
'Sassy Summer Sangria' PPAF
'Sassy Summer Sunset' PPAF
'Sassy Summer Taffy' PPAF

ACHILLEA (YARROW)
Achillea hybrida

MOON DUST

DARWIN PERENNIALS

Height: 12 to 14 in. (30 to 36 cm)
Bloom Months: June to July
USDA Hardiness Zones: 5a to 8b
'Novaachdus' PP25,838

Compact habit is perfect for containers.

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

ACHILLEA (YARROW)
Achillea ptarmica

'PETER COTTONTAIL'

NEW FOR 2019
WALTERS GARDENS

Height: 18 to 24 in. (46 to 61 cm)
USDA Hardiness Zones: 3a to 8b
PPAF

Low, mounding habit with singular, white-flower clusters.

DARWIN PERENNIALS

LITTLE ADDER

Agastache 'Little Adder'

AGASTACHE
(ANISE HYSSOP)
Agastache rugosa

'LITTLE ADDER'

DARWIN PERENNIALS

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

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

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

Agastache 'Blue Fortune'

Agastache 'Purple Haze'

Ajuga 'Metallica Crispa'

Ajuga 'Black Scallop'

Ajuga 'Bronze Beauty'

Ajuga 'Burgundy Glow'

Ajuga 'Catlin's Giant'

Ajuga 'Mahogany'

Ajuga 'Pink Lightning'

Ajuga 'Silver Queen'

Ajuga Chocolate Chip

Ajuga 'Dixie Chip'

AGASTACHE (MEXICAN HYSSOP)

Agastache hybrid

'BLUE FORTUNE'

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

Tall spikes of soft blue flowers with fragrant foliage.

'PURPLE HAZE'

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

Cool violet-blue flowers last into Fall.

AJUGA (BUGLEWEED)

Ajuga pyramidalis

'METALLICA CRISPA'

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

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

AJUGA (BUGLEWEED)

Ajuga reptans

'BLACK SCALLOP'

PLANTHAVEN, INC.

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

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

'BRONZE BEAUTY'

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

Deep bronze foliage topped by blue flower spikes.

'BURGUNDY GLOW'

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

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

'CATLIN'S GIANT'

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

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

'MAHOGANY'

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

Dark burgundy to black foliage with bright blue flowers.

'PINK LIGHTNING'

SUNNY BORDER NURSERY

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

Green and white variegated leaves with soft pink flower spikes.

'SILVER QUEEN'

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

Blue flower spikes over white and green variegated leaves.

AJUGA (BUGLEWEED)

Ajuga x tenorii

CHOCOLATE CHIP

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

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

'DIXIE CHIP'

ITSAUL PLANTS, INC.

Height: 3 in. (8 cm)
Bloom Months: May to June
USDA Hardiness Zones: 3a to 9b
PP20,890

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

GOLDEN SPRING

Alyssum 'Golden Spring'

ALYSSUM
Alyssum wulfenianum

'GOLDEN SPRING'

DARWIN PERENNIALS

Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: April to May
USDA Hardiness Zones: 4a to 9b
PP25,710; CPBR5491

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.

Amsonia 'Blue Ice'

Artemisia 'Powis Castle'

Artemisia 'Silver Brocade'

Artemisia 'Silver Mound'

Artemisia French Tarragon

Aster 'Purple Dome'

Aster 'Moench'

AMSONIA (BLUE STAR)
Amsonia x hybrida

'BLUE ICE'

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

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

ARTEMISIA (WORMWOOD)
Artemisia arborescens

'POWIS CASTLE'

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

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

ARTEMISIA (WORMWOOD)
Artemisia schmidtiana

'SILVER MOUND'

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

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

ARTEMISIA (WORMWOOD)
Artemisia stelleriana

'SILVER BROCADE'

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

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

ARTEMISIA (WORMWOOD)
Artemisia dracunculus sativa

FRENCH TARRAGON

Height: 36 in. (91 cm)
Bloom Months: Non-flowering
USDA Hardiness Zones: 3a to 7b

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

ASTER
Aster novae-angliae

'PURPLE DOME'

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

Solid masses of purple flowers with yellow centers.

ASTER
Aster x frikartii

'MOENCH'

Height: 24 in. (61 cm)
Bloom Months: Late Summer to Fall
USDA Hardiness Zones: 4a to 8b

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

NEW

DREAMERIA®

Armeria Dreameria 'Dreamland'

REST EASY WITH THE IMAGERY OF THESE BEAUTIFUL, SEASON-LONG BLOOMS.

Armeria Dreameria 'Daydream'

Armeria Dreameria 'Dream Weaver'

Armeria Dreameria 'Dreamland'

Armeria Dreameria 'Sweet Dreams'

Armeria 'Nifty Thrifty'

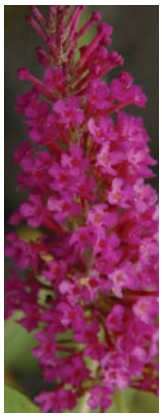
Armeria 'Rubrifolia'

Buddleia 'Black Knight'

Buddleia Buzz 'Hot Raspberry'

Buddleia Buzz Ivory

Buddleia Buzz Lavender



Buddleia Buzz Magenta

Buddleia Buzz Midnight

Buddleia Buzz Purple

Buddleia Buzz Sky Blue

Buddleia Buzz 'Soft Pink'

Buddleia Buzz Velvet

ARMERIA (THRIFT, SEA PINKS)

Armeria pseudarmeria

DREAMERIA® SERIES

DARWIN PERENNIALS

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

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

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

'Daydream' Shows bright pink flowers from Spring until Fall. PPAF
NEW **'Dream Weaver'** A deep rose pink color. PPAF
NEW **'Dreamland'** A dark salmon bloom. PPAF
'Sweet Dreams' Attractive lavender-mauve flowers. PPAF

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

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: 4a to 8b

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

'RUBRIFOLIA'

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

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

BUDDLEIA (BUTTERFLY BUSH)

Buddleia davidii

'BLACK KNIGHT'

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

Deep blue-black flowers and silvery foliage.

BUZZ™ SERIES

CULTIVARIS NORTH AMERICA, LLC

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

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

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

BUZZ is a U.S. trademark of Cultivaris North America, LLC.

Buddleia 'Grand Cascade'

Buddleia 'Pink Cascade'

Buddleia Humdinger 'Lavender Cupcake'

Buddleia Humdinger 'Little Angel'

Buddleia Humdinger 'Little Nugget'

Buddleia Humdinger 'Magenta Munchkin'

BUDDLEIA (BUTTERFLY BUSH)

Buddleia hybrida

'GRAND CASCADE'

NEW FOR 2019

WALTERS GARDENS

Height: 66 to 72 in. (168 to 183 cm)
USDA Hardiness Zones: 5a to 10b

PPAF

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

'PINK CASCADE'

NEW FOR 2019

WALTERS GARDENS

Height: 60 to 66 in. (152 to 168 cm)
USDA Hardiness Zones: 5a to 10b

PPAF

Flower-panicles cascade downward to form an arching, weeping look. Light, apple-blossom-pink.

BUDDLEIA (BUTTERFLY BUSH)

Buddleia davidii

HUMDINGER® SERIES

WALTERS GARDENS

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

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

'Lavender Cupcake' Extremely long, 12-in. (30-cm) light lavender purple flower panicles. PP28,221
'Little Angel' Very long 10 to 12-in. (25 to 30-cm) pure white flower panicles. PPAF
'Little Nugget' Brilliant gold foliage and 5 to 6-in. (13 to 15-cm) magenta purple-to-blue-purple flowers. PP28,152
'Magenta Munchkin' Bold, 7 to 8-in. (18 to 20-cm) fuchsia red flowers have lighter, eye-type centers. PP28,177
'Orchid Annie' Soft, 8-in. (20-cm) orchid purple flower panicles. PP28,176

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

'WISTERIA LANE'

CULTIVARIS NORTH AMERICA, LLC

Height: 22 to 24 in. (56 to 61 cm)
Bloom Months: Summer to Fall
USDA Hardiness Zones: 5a to 9b

PP27,833

Unique weeping habit looks outstanding in large containers.

Buddleia Humdinger 'Orchid Annie'

Buddleia 'Wisteria Lane'

Buddleia Monarch 'Blue Knight'

Buddleia Monarch 'Crown Jewels'

Buddleia Monarch 'Dark Dynasty'

Buddleia Monarch 'Prince Charming'

Buddleia Monarch 'Glass Slippers'

Buddleia Monarch 'Queen of Hearts'

MONARCH® SERIES

WALTERS GARDENS

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

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

'Blue Knight' Outward-facing flower panicles open light lavender purple and deepen to blue-purple with age, over minty green leaves. PP28,178
'Crown Jewels' Magenta purple flowers. PP27,878
'Dark Dynasty' Rich, royal purple, fragrant flowers. PP27,834
'Glass Slippers' Silvery green foliage and icy periwinkle blue blossoms. PP27,832
'Prince Charming' Bright cerise pink flower spikes. PP28,903
'Queen of Hearts' Vibrant magenta red blossoms. PP27,987

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

Campanula 'Delft Teacups'

Campanula 'Violet Teacups'

CAMPANULA (CARPATHIAN BELLFLOWER)

Campanula carpatica

'DELFT TEACUPS'

NEW FOR 2019

WALTERS GARDENS

Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: Late Spring to late Summer
USDA Hardiness Zones: 3a to 8b

PPAF

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

'VIOLET TEACUPS'

NEW FOR 2019

WALTERS GARDENS

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: Late Spring to late Summer
USDA Hardiness Zones: 3a to 8b

PPAF

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

CAMPANULA (BELLFLOWER)

Campanula garganica

'DICKSON'S GOLD'

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

Blue star-shaped flowers on golden foliage.

CAMPANULA (BELLFLOWER)

Campanula glomerata

GENTI SERIES

RENE VAN GAALEN, B.V.

Height: 14 to 19 in. (36 to 48 cm)
Bloom Months: May to July
USDA Hardiness Zones: 3a to 8b

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

Blue 'Allgentibl' PP24,687
Twisterbell Unique purple and white bicolored flower. 'Allgentitwist' PP25,403
White 'Allgentiw' PP24,686

Campanula 'Dickson's Gold'

Campanula Genti Blue

Campanula Genti Twisterbell

Campanula Genti White

Campanula 'Birch Hybrid'

Campanula 'Miss Melanie'

Campanula 'Blue Rivulet'

Campanula Blue Waterfall

Caryopteris 'Dark Knight'

CAMPANULA (BELLFLOWER)

Campanula portenschlagiana

'BIRCH HYBRID'

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

A dwarf form with pale blue flowers.

'MISS MELANIE'

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

Lavender-blue flowers on a compact plant.

CAMPANULA (BELLFLOWER)

Campanula poscharskyana

'BLUE RIVULET'

MUST HAVE PERENNIALS®

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

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

BLUE WATERFALL

MUST HAVE PERENNIALS®

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

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

CARYOPTERIS (BLUEBEARD)

Caryopteris clandonensis

'DARK KNIGHT'

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

Purple flowers complement dark green foliage.

Caryopteris Grand Bleu

CARYOPTERIS (BLUEBEARD)
Caryopteris x clandonensis

GRAND BLEU®

DARWIN PERENNIALS

Height: 48 in. (122 cm)
Bloom Months: August to October
USDA Hardiness Zones: 6a to 9b
'Inoveris' PP17,837

One of the best blue Caryopteris on the market.

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

Centaurea 'Amethyst Dream'

Centaurea 'Amethyst in Snow'

Ceratostigma plumbaginoides

Chrysogonum 'Pierre'

Coreopsis 'Nana'

Coreopsis Solanna 'Golden Sphere'

Coreopsis Cruizin' 'Route 66'

DARWIN PERENNIALS

Coreopsis Sunny Day

CENTAUREA (CORNFLOWER)

Centaurea montana

'AMETHYST DREAM'

MUST HAVE PERENNIALS®

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

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

'AMETHYST IN SNOW'

MUST HAVE PERENNIALS®

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

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

CERATOSTIGMA (LEADWORT)

Ceratostigma plumbaginoides

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

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

CHRYSOGONUM (GREEN & GOLD)

Chrysogonum virginianum

'PIERRE'

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

Yellow daisy flowers on soft green foliage clumps.

COREOPSIS (TICKWEED)

Coreopsis auriculata

'NANA'

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

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

COREOPSIS (TICKSEED)

Coreopsis grandiflora

SUNNY DAY

DARWIN PERENNIALS

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

- Excellent choice to brighten borders and containers.
- Lots of big, bright, single yellow blooms on compact plants.
- Remove spent flowers to encourage reblooming.
- North American native species.

COREOPSIS (TICKSEED)

Coreopsis hybrida

SOLANNA™ 'GOLDEN SPHERE'

DANZIGER "DAN" FLOWER FARMS

Height: 8 in. (20 cm)
Bloom Months: May to September
USDA Hardiness Zones: 5a to 9b
'DCOREO16' PP25,241

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

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

CRUIZIN' 'ROUTE 66'

ITSAUL PLANTS, INC.

Height: 24 to 27 in. (61 to 69 cm)
Bloom Months: June to July
USDA Hardiness Zones: 5a to 9b
PP20,609

Brilliant yellow flowers with a striking burgundy ring around the crown that bleeds to petal tips as the season progresses. Dark green, threadleaf foliage.

DARWIN PERENNIALS

NEW

ELECTRIC SUNSHINE

Coreopsis 'Electric Sunshine'

COREOPSIS (TICKSEED)
Coreopsis hybrida

'ELECTRIC SUNSHINE'

NEW FOR 2019
DARWIN PERENNIALS

Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: April to November
USDA Hardiness Zones: 8a to 9a
PPAF

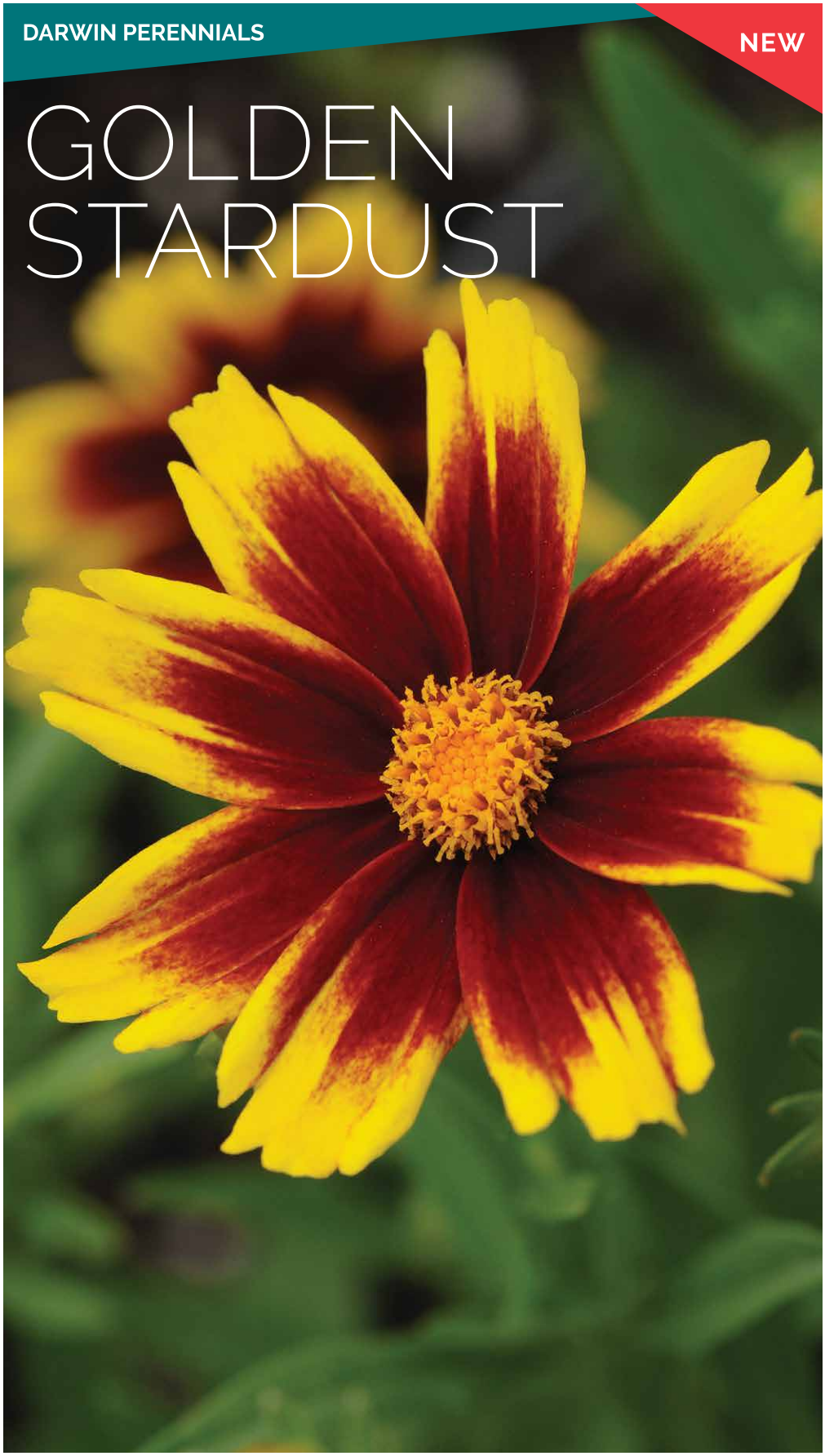
Beautiful new Coreopsis is a real stunner in the garden.

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

DARWIN PERENNIALS

NEW

GOLDEN STARDUST



Coreopsis 'Golden Stardust'

COREOPSIS (TICKSEED)
Coreopsis hybrida

'GOLDEN STARDUST'

NEW FOR 2019
DARWIN PERENNIALS

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

This Coreopsis is carefree and easy to grow!

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

DARWIN PERENNIALS

NEW

SUPER STAR

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

Coreopsis 'Super Star'

COREOPSIS (TICKSEED)
Coreopsis hybrida

'SUPER STAR'

NEW FOR 2019
DARWIN PERENNIALS

Height: 14 to 16 in. (36 to 41 cm)
Bloom Months: March to November
USDA Hardiness Zones: 5a to 9a
PPAF

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

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

DARWIN PERENNIALS

CRÈME CARAMEL

Coreopsis Crème Caramel

COREOPSIS (TICKSEED)
Coreopsis verticillata

CRÈME CARAMEL

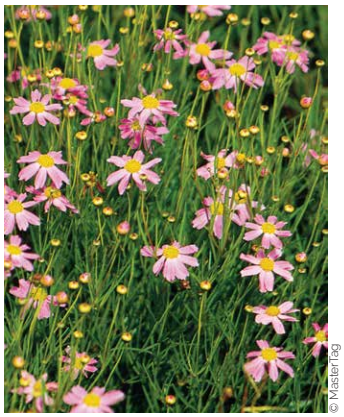
DARWIN PERENNIALS

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

Equally at home in mass plantings or containers.

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

Coreopsis Little Bird



Coreopsis 'American Dream'

© MasterTag

Coreopsis 'Limerock Dream'

Coreopsis 'Limerock Passion'

Coreopsis 'Limerock Ruby'

COREOPSIS (TICKSEED)
Coreopsis hybrida

LITTLE BIRD

DARWIN PERENNIALS

Height: 12 to 14 in. (30 to 36 cm)
Bloom Months: June to September
USDA Hardiness Zones: 5a to 9b
'Novacorbir' PP26,108

- Significant advancement in dwarf and rounded habit makes this a great container plant.
- True dwarf with rounded habit.
- Yellow flowers and dense, narrow foliage.
- Stays in place in the landscape.

COREOPSIS (TICKSEED)
Coreopsis rosea

'AMERICAN DREAM'

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

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

'LIMEROCK DREAM'

MUST HAVE PERENNIALS®

Height: 16 in. (41 cm)
Bloom Months: June to July
USDA Hardiness Zones: 8a to 10b
PP16,923

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

'LIMEROCK PASSION'

MUST HAVE PERENNIALS®

Height: 16 in. (41 cm)
Bloom Months: June to July
USDA Hardiness Zones: 8a to 10b
PP15,979

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

'LIMEROCK RUBY'

MUST HAVE PERENNIALS®

Height: 16 in. (41 cm)
Bloom Months: June to July
USDA Hardiness Zones: 8a to 10b
PP15,455

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

COREOPSIS (TICKSEED)
Coreopsis verticillata

'CRÈME BRULEE'

MUST HAVE PERENNIALS®

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

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

'MOONBEAM'

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

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

Coreopsis 'Crème Brulee'

Coreopsis 'Moonbeam'

Coreopsis Sizzle & Spice 'Crazy Cayenne'

Coreopsis Sizzle & Spice 'Curry Up'

Coreopsis Sizzle & Spice 'Hot Paprika'

DARWIN PERENNIALS

Coreopsis Sizzle & Spice Red Hot Vanilla

Coreopsis Sizzle & Spice 'Sassy Saffron'

Coreopsis Sizzle & Spice 'Zesty Zinger'

Coreopsis 'Sylvester'

Coreopsis 'Sweet Marmalade'

Coreopsis 'Zagreb'

Coreopsis 'Jethro Tull'

Coreopsis 'Tequila Sunrise'

COREOPSIS (TICKSEED)
Coreopsis verticillata

SIZZLE & SPICE™ SERIES

WALTERS GARDENS

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

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

'Crazy Cayenne' Fiery sunset orange flowers with red-orange concentrated at the centers cover the gray-green foliage. PPAF
'Curry Up' Golden yellow flowers with clear, dark red eyes over bright green foliage. PP28,521
'Hot Paprika' Rich, deep red flowers and bright green foliage. PP28,522
NEW **Red Hot Vanilla** Cream flowers with a dark red central eye that covers most of the flower as it ages. 'RedHot Vanilla' PPAF
NEW **'Sassy Saffron'** PPAF
'Zesty Zinger' Light ivory flowers have pronounced dark magenta centers that cover the bright green foliage. PPAF

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

'SWEET MARMALADE'

MUST HAVE PERENNIALS®

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

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

'SYLVESTER'

DARWIN PERENNIALS

Height: 16 to 20 in. (41 to 51 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4a to 9b
PP24,767; CPBR4867

- 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.
- Stays in place in the landscape.

'ZAGREB'

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

Upright, bushy plants bear deep golden yellow flowers.

COREOPSIS (TICKWEED)
Coreopsis x hybrida

'JETHRO TULL'

ITSAUL PLANTS, INC.

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

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

'TEQUILA SUNRISE'

Height: 14 to 16 in. (36 to 41 cm)
Bloom Months: June to October
USDA Hardiness Zones: 6a to 10b

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

Delosperma 'Alan's Apricot'

Delosperma Lavender Ice

Delosperma Mesa Verde

Delosperma Red Mountain Flame

Delosperma Table Mountain

Delosperma cooperi

© The John Henry Company

Delosperma Starburst

Delosperma Fire Spinner

Delosperma 'Jewel of Desert Amethyst'

Delosperma 'Jewel of Desert Garnet'

Delosperma 'Jewel of Desert Grenade'

Delosperma 'Jewel of Desert Opal'

Delosperma 'Jewel of Desert Peridot'

Delosperma 'Jewel of Desert Rosequartz'

Delosperma 'Jewel of Desert Ruby'

Delosperma 'Jewel of Desert Topaz'

DELOSPERMA (ICE PLANT)

Delosperma

'ALAN'S APRICOT'

PLANT SELECT

Height: 2 to 3 in. (5 to 8 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4a to 10b

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

LAVENDER ICE

PLANT SELECT

Height: 2 to 3 in. (5 to 8 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4a to 9b

'Psfave'

Frosted lavender flowers and strong, green succulent foliage.

MESA VERDE®

PLANT SELECT

Height: 2 in. (5 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4a to 8b

'Kelaidis' PP13,876

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

MESA VERDE is a U.S. registered trademark of Plant Select.

RED MOUNTAIN FLAME®

PLANT SELECT

Height: 2 to 3 in. (5 to 8 cm)
Bloom Months: June to August
USDA Hardiness Zones: 6a to 9b

'PWWGO2S'

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

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

TABLE MOUNTAIN®

PLANT SELECT

Height: 2 in. (5 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4a to 9b

'John Proffitt'

Shimmering fuchsia blooms with white centers.

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

DELOSPERMA (ICE PLANT)

Delosperma cooperi

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

Rose-pink flowers on mats of succulent leaves.

DELOSPERMA (ICE PLANT)

Delosperma floribundum

STARBURST®

PLANT SELECT

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

Orchid-pink blooms accented with white centers.

STARBURST is a U.S. registered trademark of Plant Select.

DELOSPERMA (ICE PLANT)

Delosperma hybrid

FIRE SPINNER®

PLANT SELECT

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

'P001S'

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

FIRE SPINNER is a U.S. registered trademark of Plant Select.

JEWEL OF DESERT SERIES

CONCEPT PLANTS, B.V.

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

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

'Jewel of Desert Amethyst' PPAF
'Jewel of Desert Garnet' PP23,471
'Jewel of Desert Grenade' PPAF
'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

Delosperma Wheels of Wonder
Fire Wonder

Delosperma Wheels of Wonder
Golden Wonder

Delosperma Wheels of Wonder
Hot Pink Wonder

Delosperma Wheels of Wonder
Violet Wonder

DARWIN PERENNIALS

Digitalis Foxlight Plum Gold

Delosperma Wheels of Wonder
Orange Wonder

Delosperma Wheels of Wonder
White Wonder

DARWIN PERENNIALS

Digitalis Foxlight Rose Ivory

DELOSPERMA (ICE PLANT)

Delosperma hybrid

WHEELS OF WONDER™ SERIES

CONCEPT PLANTS, B.V.

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

- 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

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

DELOSPERMA (ICE PLANT)

Delosperma nubigenum

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

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

DARWIN PERENNIALS

Digitalis Foxlight Ruby Glow

DIGITALIS (FOXGLOVE)

Digitalis hybrida

FOXLIGHT™ SERIES

DARWIN PERENNIALS

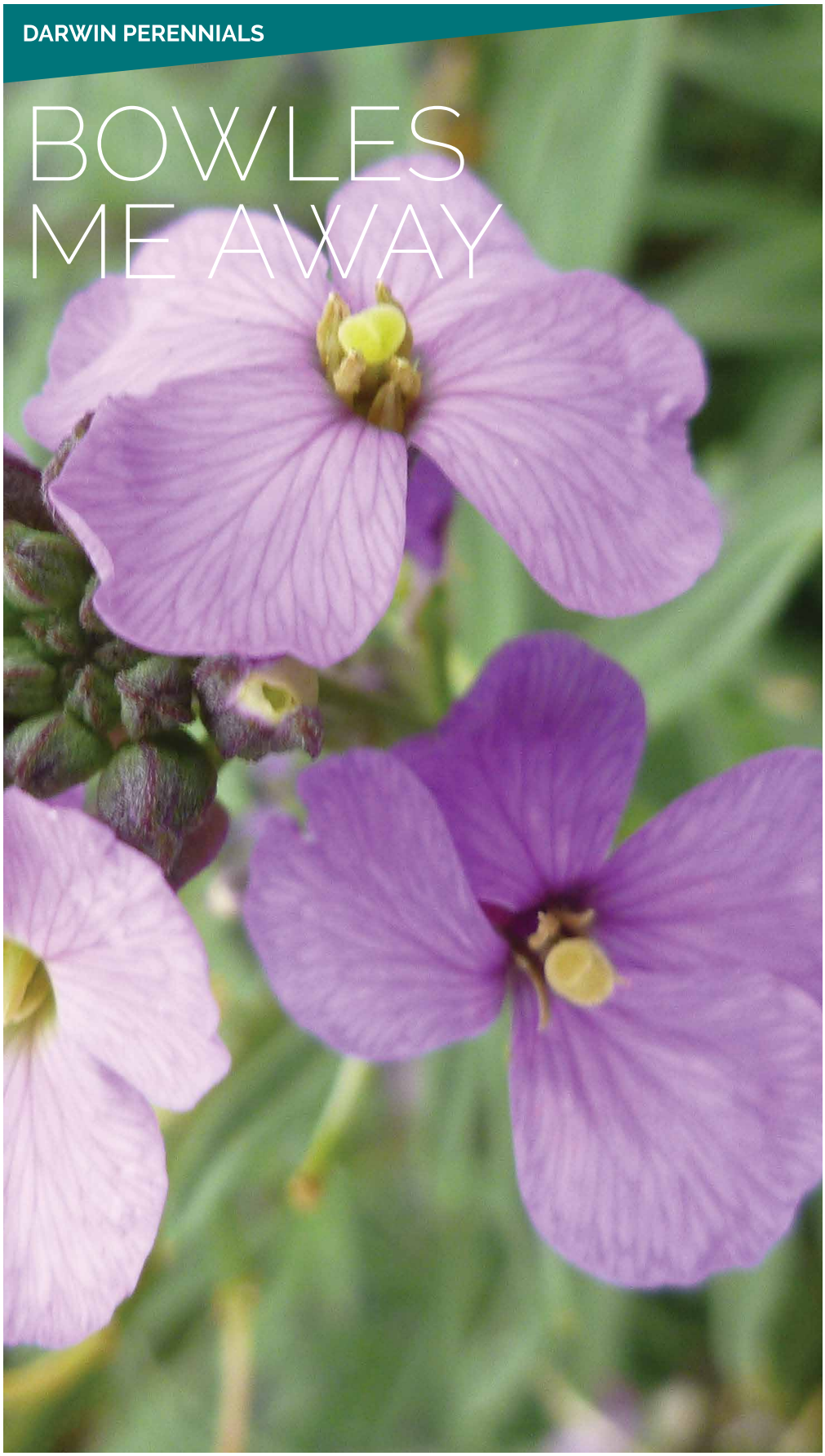
Height: 22 to 24 in. (56 to 61 cm)
Bloom Months: April to September; Natural season flowering
USDA Hardiness Zones: 7a to 10b

- Three bold novelty colors boost retail appeal and drive impulse sales.
- Lower input costs provide greater profit margin at wholesale and retail.
- First-year-flowering perennial needs no bulking for full plants.
- More compact than competing varieties, with deeper green foliage.
- Blooms all Summer long, with outward-facing flowers for better retail show.

Plum Gold 'Takfoplgo' PP26,586
Rose Ivory 'Takforoiv' PP26,554
Ruby Glow Platarium 2016 Silver Medal Winner 'Takforugl' PP25,640

DARWIN PERENNIALS

BOWLES ME AWAY



Erysimum 'Bowles Me Away'

ERYSIMUM
(WALLFLOWER)
Erysimum linifolium

'BOWLES ME AWAY'

DARWIN PERENNIALS

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

PPAF

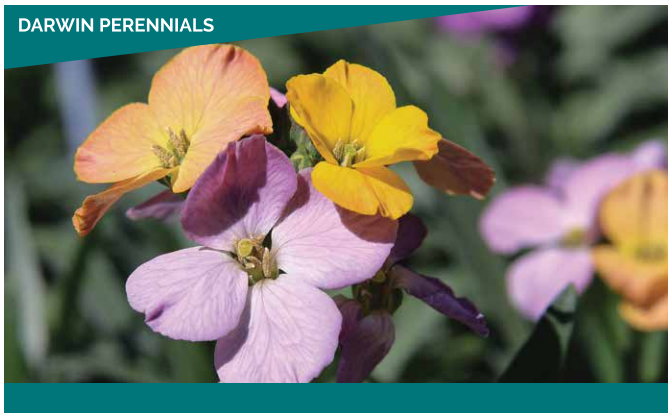
This Erysimum doesn't require vernalization to flower and it is heat tolerant, so it continues to bloom from Spring into the heat of Summer.

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

Erysimum Cheers Florange

Erysimum Cheers Lemon Yellow

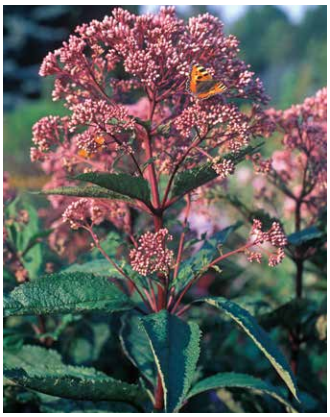
Erysimum Cheers Mlghty Mauve



Erysimum Cheers Sun-kissed Amethyst

Eupatorium Euphoria Ruby

Erysimum 'Bowles Mauve'



© The John Henry Company

Eupatorium 'Gateway'

ERYSIMUM (WALLFLOWER)

Erysimum linifolium

'BOWLES MAUVE'

Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: April to May
USDA Hardiness Zones: 6a to 8b

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

CHEERS™ SERIES

DARWIN PERENNIALS

Height: 18 to 22 in. (46 to 56 cm)
Bloom Months: March to September
USDA Hardiness Zones: 7a to 10b

This series offers more flowers, richer colors and better habits than standard Erysimum.

• Continuous blooming and excellent heat tolerance make satisfied customers.
• Blooms without vernalization from early Spring into late Summer.

Florange Rich orange color. 'Balcherflora' PPAF
Lemon Yellow 'Balcherlemy' PP26,623
Mighty Mauve 'Balchermauv' PP26,604
Sun-kissed Amethyst Like a bouquet of flowers on one plant. Flowers open as golden-yellow and mature to colors from bronze to lavender. 'Balcherissam' PPAF

EUPATORIUM (JOE-PYE WEED)

Eupatorium maculatum

'GATEWAY'

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

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

EUPATORIUM (JOE-PYE WEED)

Eupatorium purpureum

EUPHORIA™ RUBY

NEW FOR 2019
FLORENSIS, B.V.

Height: 24 to 32 in. (61 to 81 cm)
Bloom Months: Summer to Fall
USDA Hardiness Zones: 5a to 9a
'FLOREUPRE1' PPAF

Flowers earlier in the Summer than typical Joe-Pye Weed varieties, and will have a bloom time extending well into late-Summer and Fall. Generally resistant to pests and foraging creatures. Very attractive to butterflies.

DARWIN PERENNIALS

LITTLE JOE

Eupatorium 'Little Joe'

EUPATORIUM
(JOE-PYE WEED)
Eupatorium dubium

'LITTLE JOE'

DARWIN PERENNIALS

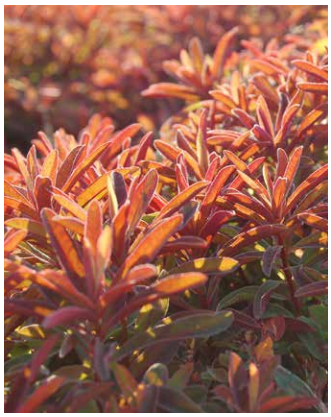
Height: 36 to 48 in. (91 to 122 cm)
Bloom Months: August to September
USDA Hardiness Zones: 3a to 9b
PP16,122

Strong, sturdy stems won't flop!

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

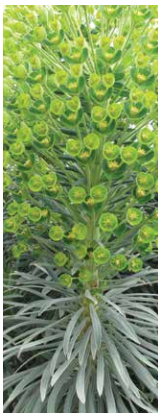
Euphorbia Red Velvet

Euphorbia Walberton's Ruby Glow



Euphorbia 'Bonfire'

Euphorbia Blackbird



Euphorbia 'Shorty'

Euphorbia Tiny Tim

Euphorbia 'Ascot Rainbow'

Gaillardia 'Celebration'

EUPHORBIA (SPURGE)
Euphorbia amygdaloides

RED VELVET

FLORENSIS, B.V.

Height: 18 to 20 in. (46 to 51 cm)
Bloom Months: March to May
USDA Hardiness Zones: 6a to 10b
'Floreupred' PP27,387

• Strong, striking red foliage survives Summer heat and intensifies into Fall; sparks Summer and Fall programs and sales.
• Perfect for container gardens and landscapes.
• Thrives in full sun and well-drained soils.

WALBERTON'S® RUBY GLOW

PLANTHAVEN, INC.

Height: 12 to 18 in. (30 to 46 cm)
Bloom Months: March to May
USDA Hardiness Zones: 6a to 11
'Waleuphglo' PP22,200

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

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

EUPHORBIA (SPURGE)
Euphorbia characias x martinii

BLACKBIRD

PLANTHAVEN, INC.

Height: 14 to 16 in. (36 to 41 cm)
Bloom Months: Spring to Summer
USDA Hardiness Zones: 6a to 9b
'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'

MUST HAVE PERENNIALS®

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

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

EUPHORBIA (SPURGE)
Euphorbia wulfenii

'SHORTY'

ITSAUL PLANTS, INC.

Height: 24 to 28 in. (61 to 71 cm)
Bloom Months: April to May
USDA Hardiness Zones: 7a to 9b
PP19,808

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

EUPHORBIA (SPURGE)
Euphorbia x martinii

TINY TIM

PLANTHAVEN, INC.

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

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

'ASCOT RAINBOW'

PLANTHAVEN, INC.

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

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

GAILLARDIA (BLANKET FLOWER)
Gaillardia x hybrida

'CELEBRATION'

PLANTHAVEN, INC.

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

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

Gaillardia Gallo Dark Bicolor

Gaillardia Gallo Bright Red

Gaillardia Gallo Dark Bicolor

Gaillardia Gallo Fire

Gaillardia Gallo Red

GAILLARDIA
(BLANKET FLOWER)

Gaillardia aristata

GALLO™ SERIES

FLORENSIS, B.V.

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

- 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.

Bright Red 'Floragalbred'
Dark Bicolor 'KIEGALDAB' PP20,718
Fire 'Florgalire'
Red 'Florgaled'
Yellow 'KIEGALYEL' PP20,716

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

GALIUM
(SWEET WOODRUFF)

Gallium odoratum

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

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

Gaillardia Gallo Yellow

Galium odoratum

Gaura Belleza Compact Light Pink

Gaura Belleza Dark Pink

Gaura Belleza White

Gaura Gaudi Pink

Gaura Gaudi Red

Gaura Gaudi Rose

Gaura Passionate Blush

Photo Courtesy of Skagit Gardens

Gaura 'Passionate Rainbow'

Photo Courtesy of Skagit Gardens

GAURA
(WAND FLOWER)

Gaura lindheimeri

BELLEZA® SERIES

SELECTA ONE®

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

- A great-looking companion plant in containers and landscapes.
- Excellent branching with short flower stems.
- Dark Pink and White 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'
White 'KLEGL14844'

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

GAUDI™ SERIES

FLORENSIS, B.V.

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

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

Pink 'Florgaucompi'
Red 'Florgaure' PP26,518
Rose 'Florgaucompro'

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

PASSIONATE BLUSH

PLANTHAVEN, INC.

Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: May to September
USDA Hardiness Zones: 7a to 9b

'SME-2' PP17,293

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

'PASSIONATE RAINBOW'

PLANTHAVEN, INC.

Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: May to September
USDA Hardiness Zones: 7a to 9b

PP17,002

Tender perennial with attractive open habit. Perfect as accent plant or in mixed containers.

BALLERINA™

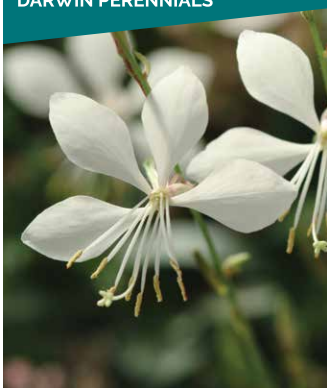
Gaura Ballerina Rose

THESE GRACEFUL FLOWERS PUT ON QUITE A PERFORMANCE AND DESERVE A STANDING OVATION!

DARWIN PERENNIALS

Gaura Ballerina Rose

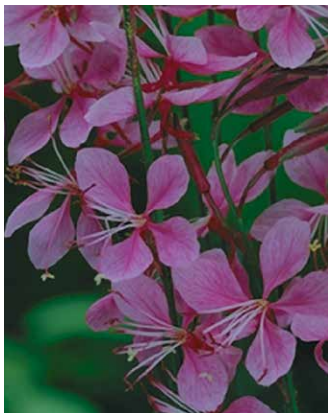
DARWIN PERENNIALS



Gaura Ballerina White

DARWIN PERENNIALS

Gaura 'Whiskers Deep Rose'



Gaura 'Siskiyou Pink'

Gaura Walberton's Pink Fountain

Gaura Walberton's Snow Fountain

Gaura 'Whirling Butterflies'

GAURA (WAND FLOWER)

Gaura lindheimeri

BALLERINA™ SERIES

DARWIN PERENNIALS

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

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

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

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

'SISKIYOU PINK'

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

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

WALBERTON'S® PINK FOUNTAIN

PLANTHAVEN, INC.

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

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

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

WALBERTON'S® SNOW FOUNTAIN

PLANTHAVEN, INC.

Height: 24 to 36 in. (61 to 91 cm)
Bloom Months: May to September
USDA Hardiness Zones: 6a to 9b
'Walsnofou' PP19,376

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

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

'WHIRLING BUTTERFLIES'

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

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

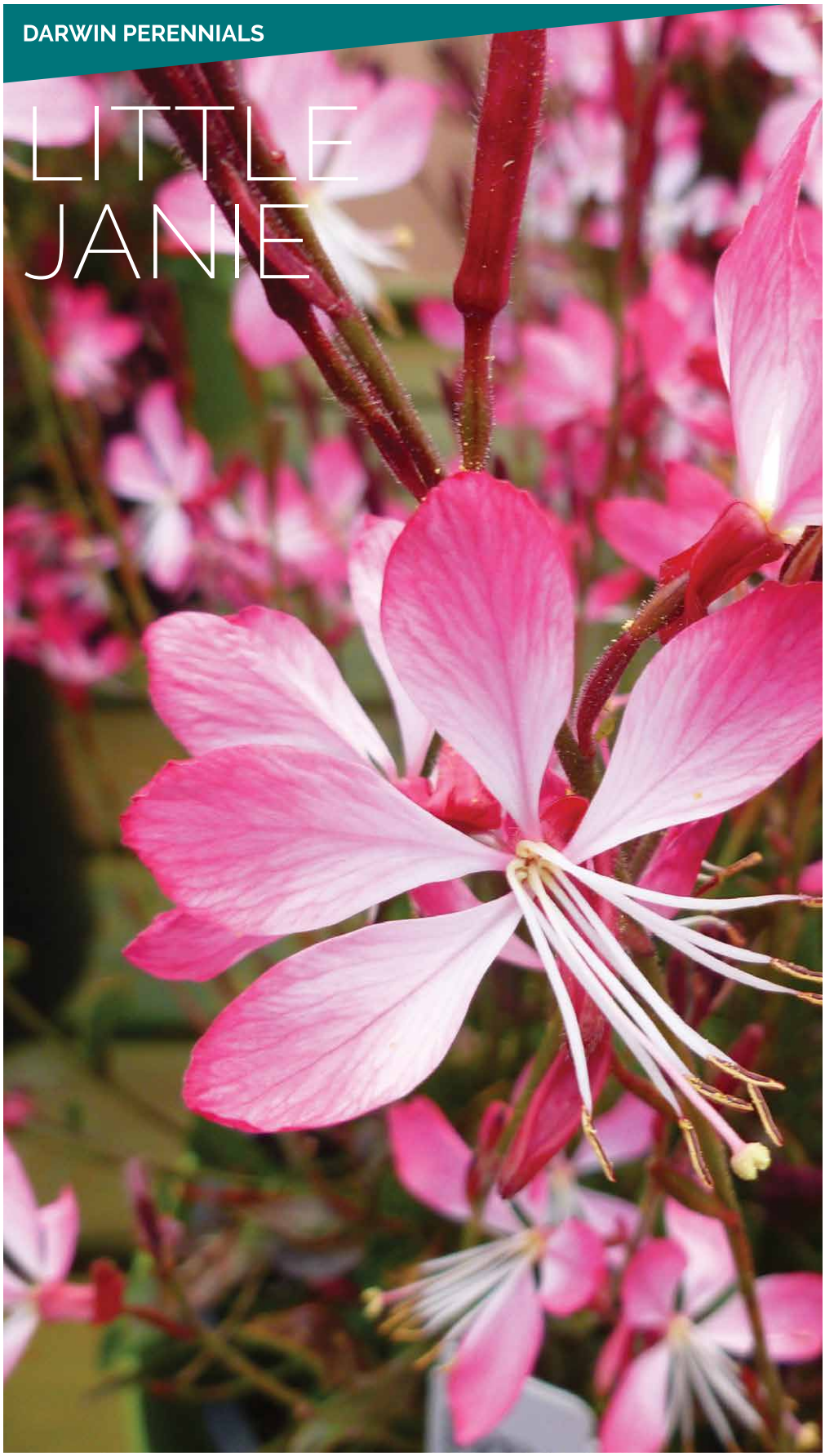
'WHISKERS DEEP ROSE'

DARWIN PERENNIALS

Height: 14 to 16 in. (36 to 41 cm)
Bloom Months: April to September
USDA Hardiness Zones: 6a to 9b
PP26,399

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

LITTLE JANIE



Gaura 'Little Janie'

GAURA
(WAND FLOWER)
Gaura lindheimeri

'LITTLE JANIE'

DARWIN PERENNIALS

Height: 16 to 18 in. (41 to 46 cm)
Bloom Months: April to September
USDA Hardiness Zones: 6a to 9b
PP26,356

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

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

Geum 'Totally Tangerine'

Geum Cocktails 'Alabama Slammer'

Geum Cocktails 'Banana Daiquiri'

Geum Cocktails 'Mai Tai'

Geum Cocktails 'Sangria'

Geum Cocktails 'Tequila Sunrise'

Helenium Mardi Gras

© MasterTag
Hedera English Ivy

Hedera 'Thorndale'

GEUM
(AVENS)
Geum chiloense x rivale

'TOTALLY TANGERINE'

PLANTHAVEN, INC.

Height: 22 to 26 in. (56 to 66 cm)
Bloom Months: May to June
USDA Hardiness Zones: 4a to 8b
PP22,041

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

GEUM
(AVENS)
Geum hybrid

COCKTAILS™ SERIES

INTRINSIC PERENNIAL GARDENS

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

Hybrid series features good vigor and disease tolerance.

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

COCKTAILS is a U.S. trademark of Intrinsic Perennial Gardens.

HEDERA
(ENGLISH IVY)
Hedera helix

ENGLISH IVY

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

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

'THORNDALE'

Height: 3 to 5 in. (8 to 13 cm)
Bloom Months: None
USDA Hardiness Zones: 5a to 9b

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

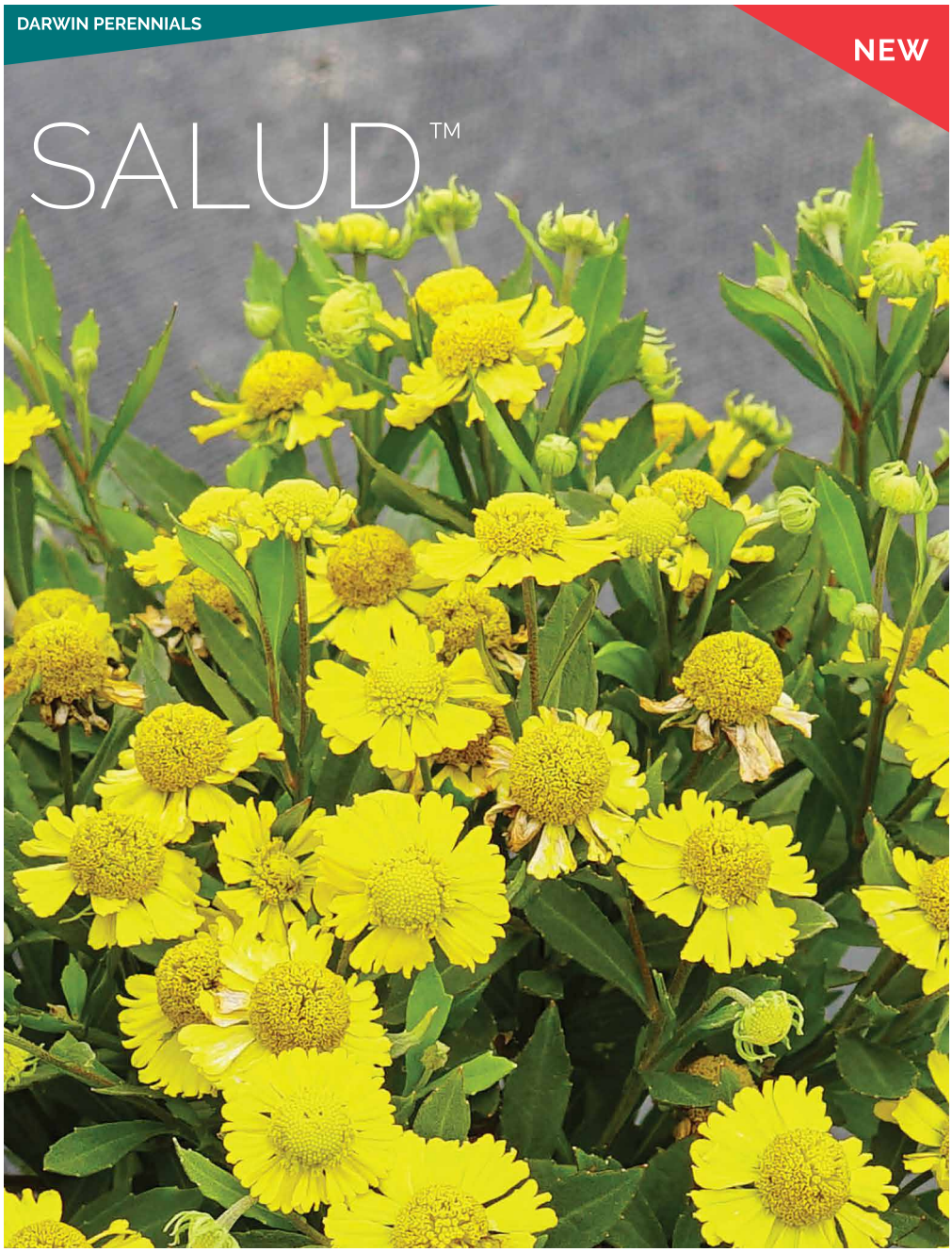
HELENIUM
(HELEN'S FLOWER)
Helenium autumnale

MARDI GRAS

MUST HAVE PERENNIALS®

Height: 36 to 40 in. (91 to 102 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4a to 8b
'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 Salud Yellow

HELENIUM (HELEN'S FLOWER)

Helenium autumnale

SALUD™ SERIES

NEW FOR 2019

DARWIN PERENNIALS

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

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

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

Embers 'Balsaluemb' PPAF
Golden 'Balsaluglo' PPAF
Yellow 'Balsalulow' PPAF

Helenium Salud Embers

Helenium Salud Golden

Helenium Salud Yellow

AUTUMN GOLD

Helianthus 'Autumn Gold'

HELIANTHUS (WILLOWLEAF SUNFLOWER)
Helianthus salicifolius

'AUTUMN GOLD'

Height: 24 to 26 in. (61 to 66 cm)
Bloom Months: September to November
USDA Hardiness Zones: 5a to 10a
PPAF

Excellent Fall-flowering companion to garden mums.

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

DARWIN PERENNIALS

SUNSTRUCK

Heliopsis 'Sunstruck'

HELIOPSIS
(OX-EYE)
Heliopsis helianthoides

'SUNSTRUCK'

DARWIN PERENNIALS

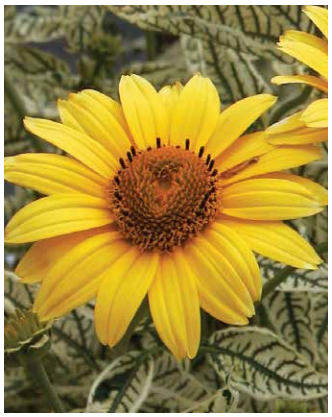
Height: 14 to 16 in. (36 to 41 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4a to 9b
PP25,524; CPBR5153

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

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

Heliopsis 'Double Sunstruck'

Heliopsis 'Bressingham Doubloon'


Heliopsis 'Loraine Sunshine'

Hypericum Miracle Grandeur

Hypericum Miracle Horizon

Hypericum Miracle Night

Hypericum Miracle Pistache

Hypericum Miracle Primo

Hypericum calycinum

HELIOPSIS (OX-EYE)
Heliopsis helianthoides

'DOUBLE SUNSTRUCK'
DARWIN PERENNIALS

Height: 14 to 16 in. (36 to 41 cm)
Bloom Months: May to July
USDA Hardiness Zones: 4a to 9b
PP26,608

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

'BRESSINGHAM DOUBLOON'
MUST HAVE PERENNIALS®

Height: 48 to 60 in. (122 to 152 cm)
Bloom Months: June to September
USDA Hardiness Zones: 3a to 9b
PP11,270

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

'LORAINE SUNSHINE'
MUST HAVE PERENNIALS®

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

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

HERBS
See page X-XI and individual listings.

HYPERICUM (ST. JOHN'S WORT)
Hypericum calycinum

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

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

HYPERICUM (ST JOHN'S WORT)
Hypericum inodorum

MIRACLE SERIES
NEW FOR 2019
RENE VAN GAALEN, B.V.

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

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

Grandeur 'Allgrandeur' PP27,125
Horizon 'ALLBLOMMOS' PPAF
Night 'Allmadne' PPAF
Pistache 'Allpista' PP27,972
Primo 'Allprimo' PPAF

Iberis 'Summer Snowdrift'

IBERIS
(CANDYTUFT)
Iberis amara

'SUMMER SNOWDRIFT'

NEW FOR 2019
DARWIN PERENNIALS

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

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

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

DARWIN PERENNIALS

LAVISH

Iberis 'Lavish'

IBERIS (EVERGREEN CANDYTUFT)
Iberis gibraltarica

'LAVISH'

DARWIN PERENNIALS

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: April to August
USDA Hardiness Zones: 6a to 9b
PP27,686

Great in mixed containers!

- Long bloom time, with deep lavender flowers.
- Requires no vernalization for flowering.
- Tender perennial.

DARWIN PERENNIALS

Iberis 'White Heat'

Iberis Monte Bianco

IBERIS (CANDYTUFT)

Iberis amara

'WHITE HEAT'

DARWIN PERENNIALS

Height: 8 to 10 in. (20 to 25 cm)
Bloom Months: March to August
USDA Hardiness Zones: 7a to 10b
PP28,674

- Extremely long-blooming variety for a longer selling window.
- No vernalization needed for flowering.
- Ideal for very early sales in the South.
- High heat tolerance.
- Tender perennial.

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: 3a to 8b

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

MONTE BIANCO

FLORENSIS, B.V.

Height: 18 to 22 in. (46 to 56 cm)
Bloom Months: Spring to early Summer
USDA Hardiness Zones: 4a to 9b
'Floribmobi' PPAF

Compact, early flowering Iberis. Great for quarts or gallons. Crisp, white flowers on medium-green foliage.

'PURITY'

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

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

SNOWFLAKE

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

Medium-habit Iberis cascades over walls or is useful as a groundcover. Evergreen foliage has long leaves; pure white flowers in early Spring appear iridescent in sunlight. Woody base can be cut back easily if needed.

Iberis 'Alexander's White'

Iberis 'Purity'

Iberis Snowflake

DARWIN PERENNIALS

SNOWSATION

Iberis 'Snowsation'

IBERIS (EVERGREEN CANDYTUFT)
Iberis sempervirens

'SNOWSATION'

DARWIN PERENNIALS

Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: March to April
USDA Hardiness Zones: 4a to 9a
PPAF

TOP SELLER **The largest flowers of any compact Iberis!**

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

Lamiastrum 'Hermann's Pride'

Lamiastrum 'Variegatum'

Lamium 'Anne Greenaway'

Lamium 'Beacon Silver'

Lamium 'Orchid Frost'

Lamium 'Pink Pewter'

Lamium 'Purple Dragon'

Lamium 'Red Nancy'

Lamium 'Shell Pink'

Lamium 'White Nancy'

LAMIASTRUM (YELLOW ARCHANGEL)

Lamiastrum galeobdolon

'HERMANN'S PRIDE'

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

Trailing habit of green and silver leaves with yellow flowers.

'VARIEGATUM'

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

Silver-spotted foliage with yellow flowers in Spring.

LAMIUM (SPOTTED DEADNETTLE)

Lamium maculatum

'ANNE GREENAWAY'

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

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

'BEACON SILVER'

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

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

'ORCHID FROST'

PLANTHAVEN, INC.

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

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

'PURPLE DRAGON'

HORTECH, INC.

Height: 4 to 8 in. (10 to 20 cm)
Bloom Months: April to May
USDA Hardiness Zones: 3a to 9b
Available as tissue culture-raised liners
PP15,890

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

'RED NANCY'

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

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

'SHELL PINK'

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

Soft pink flowers – excellent for shaded border or container.

'WHITE NANCY'

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

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

Lavandula Big Time Blue

Lavandula 'Blue Cushion'

Lavandula 'Hidcote'

Lavandula 'Munstead'

Lavandula Platinum Blonde

Lavandula 'Vera'

Lavandula dentata

Lavandula 'Thumbelina Leigh'

LAVANDULA (LAVENDER)
Lavandula angustifolia

BIG TIME BLUE

CONCEPT PLANTS, B.V.

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

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

'BLUE CUSHION'

MUST HAVE PERENNIALS®

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

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

'HIDCOTE'

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

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

'MUNSTEAD'

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

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

PLATINUM BLONDE™

CULTIVARIS NORTH AMERICA, LLC

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

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

PLATINUM BLONDE is a U.S. trademark of Cultivaris North America, LLC.

'THUMBELINA LEIGH'

KIWI FLORA LIMITED

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

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

'VERA'

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

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

LAVANDULA (FRENCH LAVENDER)
Lavandula dentata

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

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

SUPERBLUE

Lavandula SuperBlue

LAVANDULA (LAVENDER)
Lavandula angustifolia

SUPERBLUE

DARWIN PERENNIALS

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

Excellent performer boasts the biggest blooms!

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

- **Scored 4.7/5 average during July to September 2016 Best of Species at Penn State University, Landisville, Pennsylvania, first season**
- **Plantarium 2017 Silver Medal Winner**

DARWIN PERENNIALS

Lavandula Bright Luxurious

DARWIN PERENNIALS

Lavandula Luxurious

Lavandula 'Grosso'

Lavandula 'Provence'

© The John Henry Company

Lavandula pinnata

Lavandula 'Otto Quast'

Lavandula 'Goodwin Creek Grey'

Lavandula 'Dilly Dilly'

Lavandula Phenomenal

LAVANDULA (LAVENDER)

Lavandula intermedia

'GROSSO'

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

Fragrant and wonderful addition to scent gardens.

'PROVENCE'

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

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

LAVANDULA (FERNLEAF LAVENDER)

Lavandula pinnata

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

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

BRIGHT LUXURIOUS

DARWIN PERENNIALS

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

'Anouk Deluxe 1956'
PP26,496; CPBR5617

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

LUXURIOUS

DARWIN PERENNIALS

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

'Anouk Deluxe 109'
PP26,494; CPBR5615

- 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. (61 to 76 cm)
Bloom Months: June to August
USDA Hardiness Zones: 7a to 7b

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

LAVANDULA (LAVENDER)

Lavandula x ginginsii

'GOODWIN CREEK GREY'

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

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

LAVANDULA (LAVENDER)

Lavandula x intermedia

'DILLY DILLY'

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

Compact growth habit with flower spikes high above the foliage.

PHENOMENAL™

B & S PLANTS, LLC

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

'Niko' PP24,193

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

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

Lavandula 'Anouk'

Lavandula Anouk Supreme

Lavandula Anouk Deep Rose

LAVANDULA (SPANISH LAVENDER)

Lavandula stoechas

ANOUK SERIES

DARWIN PERENNIALS

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

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

'Anouk' Dark violet flower spikes topped by clear purple flags. PP16,685; CPBR5618
Anouk Supreme Flowers one week earlier than Anouk. 'Anouk Deluxe 901' PP26,495; CPBR5616
Anouk Deep Rose Deep rose flags on lavender-rose flowers. 'Anouk Deluxe 179' PP26,493; CPBRAF
Double Anouk Double lavender flags on purple flowers. 'Anouk Deluxe 1205' PP28,264
'Silver Anouk' Compact and upright with narrow, blue-silver foliage. PP20,068; CPBR4449
White Anouk Bright white, non-burning flags on blue flowers. 'Anouk Deluxe 10173' PP28,301; CPBRAF

Lavandula Double Anouk

Lavandula 'Silver Anouk'

Lavandula White Anouk

Leucanthemum 'Becky'

Leucanthemum Freak!®

Leucanthemum 'Snowcap'

Leucanthemum Spellbook Lumos

Leucanthemum Realflor 'Real Dream'

Leucanthemum Realflor 'Real Galaxy'

Leucanthemum Realflor 'Real Glory'

Leucanthemum 'Cream Puff'

Leucanthemum 'Spoonful of Sugar'

Leucanthemum 'Santé'

Leucanthemum 'Whoops A Daisy'

LEUCANTHEMUM (SHASTA DAISY)
Leucanthemum superbum

'CREAM PUFF'

NEW FOR 2019

WALTERS GARDENS

Height: 14 to 16 in. (36 to 41 cm)
USDA Hardiness Zones: 5a to 9b
PPAF

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

LEUCANTHEMUM (SHASTA DAISY)
Leucanthemum x superbum

'BECKY'

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

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

FREAK!®

MUST HAVE PERENNIALS®

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

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

FREAK! is a U.S. registered trademark of Must Have Perennials.

'SNOWCAP'

MUST HAVE PERENNIALS®

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

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

SPELLBOOK® LUMOS

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

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

SPELLBOOK is a U.S. registered trademark of Altman Plants.

'SANTÉ'

DARWIN PERENNIALS

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

- Impressively hardy variety of a perennial garden classic!
- Double, pure white flowers with yellow centers.
- Strong stems make an excellent cut flower.
- Upright habit.

'SPOONFUL OF SUGAR'

WALTERS GARDENS

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

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

'WHOOPS A DAISY'

WALTERS GARDENS

Height: 15 in. (38 cm)
Bloom Months: Summer
USDA Hardiness Zones: 5a to 9b
PPAF

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

REALFLOR® COLLECTION

PLANTHAVEN, INC.

Height: 16 to 36 in. (41 to 91 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5a to 9b

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

'Real Dream' Attractive yellow flowers. PP25,664
'Real Galaxy' Attractive fringed semi-double flowers. PP23,873
'Real Glory' Attractive crested flowers. PP25,733

REALFLOR is a U.S. registered trademark of Keith Lintott & Richard Read.

DARWIN PERENNIALS

WHITE MAGIC

Leucanthemum 'White Magic'

LEUCANTHEMUM
(SHASTA DAISY)
Leucanthemum x superbum

'WHITE MAGIC'

DARWIN PERENNIALS

Height: 20 to 24 in. (51 to 61 cm)
Bloom Months: May to August
USDA Hardiness Zones: 5b to 9b
PPAF

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

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

Lithodora 'Grace Ward'

Lithodora 'Heavenly Blue'

Lithodora 'White Star'

Lysimachia 'Goldilocks'

Lysimachia 'Alexander'

Mazus reptans

Leucanthemum Ooh La 'LaCrosse'

Leucanthemum Ooh La LaGrande

Leucanthemum Ooh La 'LaSpider'

Lychnis Petite Jenny

LEUCANTHEMUM (SHASTA DAISY)
Leucanthemum x superbum

OOH LA™ SERIES

FLORENSIS, B.V.

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

- Flowers well, even in the first season!
- Compact, dark green leaves.
- Ideal for borders, rock gardens and containers.

'LaCrosse' Unique, trumpet-shaped white petals.
LaGrande Extra-large white daisy flowers. 'Florleulag' PPAF
'LaSpider' Height: 12 to 14 in. (30 to 36 cm)
Makes a fun, frilly statement in beds and containers. Attractive semi-double flowers and fringed flower petals.

LITHODORA (TRAILING LITHODORA)
Lithodora diffusa

'GRACE WARD'

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

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

'HEAVENLY BLUE'

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

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

'WHITE STAR'

MUST HAVE PERENNIALS®

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

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

LYCHNIS (CATCHFLY)
Lychnis flos-cuculi

PETITE JENNY

MUST HAVE PERENNIALS®

Height: 14 in. (36 cm)
Bloom Months: May to June
USDA Hardiness Zones: 5a to 8b
'LychJen' PP14,139

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

LYSIMACHIA (LYSIMACHIA, MONEYWORT)
Lysimachia nummularia

'GOLDILOCKS'

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

Trailing habit and golden foliage are beautiful in mixed containers.

LYSIMACHIA (LOOSESTRIFE)
Lysimachia punctata

'ALEXANDER'

PLANTHAVEN, INC.

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

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

MAZUS (CREEPING MAZUS)
Mazus reptans

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

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

Mentha 'Kentucky Colonel'

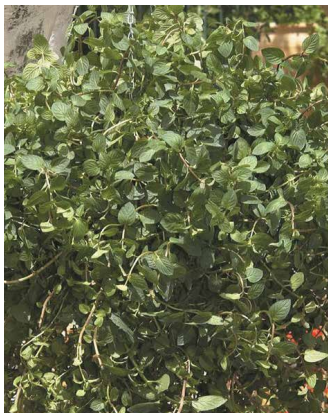
Mentha Spearmint

Mentha Apple

Mentha Pineapple Variegated

Mentha Chocolate

Mentha Citrata Orange



Mentha Peppermint

Mentha Mojito

MENTHA
(MINT)
Mentha spicata

'KENTUCKY COLONEL'

Height: 24 in. (61 cm)
Bloom Months: None
USDA Hardiness Zones: 3a to 7b

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

SPEARMINT

Height: 36 in. (91 cm)
Bloom Months: None
USDA Hardiness Zones: 3a to 7b

Spearmint-scented green leaves with purple-blue flowers.

MENTHA
(MINT)
Mentha suaveolens

APPLE

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

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

PINEAPPLE VARIEGATED

Height: 24 in. (61 cm)
Bloom Months: None
USDA Hardiness Zones: 6a to 9b

Green and white variegated leaves with sweet pineapple scent.

MENTHA
(MINT)
Mentha x piperita

CHOCOLATE

Height: 24 in. (61 cm)
Bloom Months: None
USDA Hardiness Zones: 3a to 7b

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

CITRATA ORANGE

Height: 24 in. (61 cm)
Bloom Months: None
USDA Hardiness Zones: 3a to 7b

Very fragrant orange mint with a neat, attractive habit.

PEPPERMINT

Height: 24 in. (61 cm)
Bloom Months: None
USDA Hardiness Zones: 3a to 7b

Deliciously spicy scent – great for tea.

MENTHA
(MINT)
Mentha x villosa

MOJITO

Height: 36 in. (91 cm)
Bloom Months: None
USDA Hardiness Zones: 5a to 9b

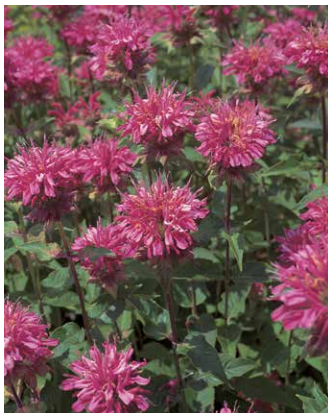
TOP SELLER Refreshing mint flavor and fragrance; will develop pinkish-white blooms.

Monarda Sugar Buzz 'Blue Moon'

Monarda Sugar Buzz 'Bubblegum Blast'

Monarda Sugar Buzz 'Cherry Pops'

Monarda 'Jacob Cline'


Monarda 'Marshall's Delight'

Monarda Sugar Buzz 'Grape Gumball'

Monarda Sugar Buzz 'Lilac Lollipop'

Monarda Sugar Buzz 'Pink Frosting'

Monarda Sugar Buzz 'Rockin' Raspberry'

MONARDA
(BEE BALM, BERGAMOT)

Monarda didyma

'JACOB CLINE'

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

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

'MARSHALL'S DELIGHT'

Height: 24 to 36 in. (61 to 91 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4a to 9b

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

SUGAR BUZZ® SERIES

WALTERS GARDENS

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

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

'Blue Moon' Lavender blue flowers are held by attractive purple bracts. A breakthrough, shorter height for this color. PPAF
'Bubblegum Blast' Hot pink flowers. PPAF
'Cherry Pops' Cherry red flowers. PP27,618
'Grape Gumball' Vibrant magenta flowers. PPAF
'Lilac Lollipop' Lavender lilac flowers. PP27,571
'Pink Frosting' Pastel pink flowers form a carpet of blossoms that completely cover the foliage. PPAF
'Rockin' Raspberry' Deep raspberry purple flowers. PPAF

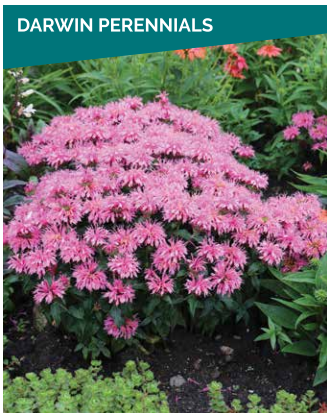
SUGAR BUZZ is a U.S. registered trademark of Walters Gardens, Inc.

BALMY™

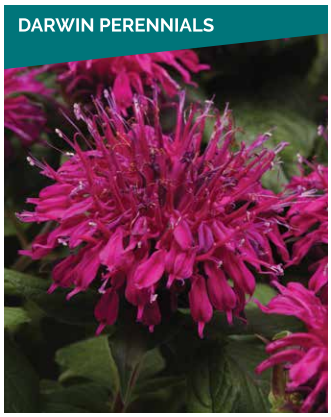
Monarda Balmy Rose

THE IDEAL GROWER-FRIENDLY SERIES IN FOUR VIVID, TROPICAL COLORS.

Monarda Balmy Lilac



Monarda Balmy Pink



Monarda Balmy Purple

Monarda Balmy Rose

Monarda 'Blue Stocking'

Monarda Dancing Bird

Monarda Grand Parade

Muehlenbeckia 'Nana'

Monarda 'Electric Neon Pink'

MONARDA (BEE BALM, BERGAMOT)
Monarda didyma

BALMY™ SERIES

DARWIN PERENNIALS

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

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.

Lilac 'Balbalmac' PP26,594
Pink 'Balbalmink' PP26,566

TOP SELLER **Purple** Plantarium 2016 Bronze Medal Winner
'Balbalmurp' PP25,561

TOP SELLER **Rose** Rated 2016 Best of Species at Penn State University, Landisville, Pennsylvania, first season.
'Balbalmose' PP26,567

MONARDA (BEE BALM)
Monarda

'ELECTRIC NEON PINK'

NEW FOR 2019

WALTERS GARDENS

Height: 20 to 22 in. (51 to 56 cm)
USDA Hardiness Zones: 4a to 8b
PPAF

A brand new, vibrant color for Bee Balm. Dark neon pink flowers are produced above an upright mound of glossy, dark green leaves.

'BLUE STOCKING'

Height: 24 to 48 in. (61 to 122 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4a to 9b

Striking, deep violet flowers attract butterflies and hummingbirds.

DANCING BIRD

RENE VAN GAALEN, B.V.

Height: 18 to 22 in. (46 to 56 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4a to 9b
'Allmobird' PPAF

Mildew-tolerant, medium-habit Monarda has a long bloom window.

GRAND PARADE™

BAILEY NURSERIES, INC.

Height: 16 to 18 in. (41 to 46 cm)
Bloom Months: June to July
USDA Hardiness Zones: 3a to 8b
'Acrade' PP19,580

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

GRAND PARADE is a U.S. trademark of Bailey Nurseries, Inc.

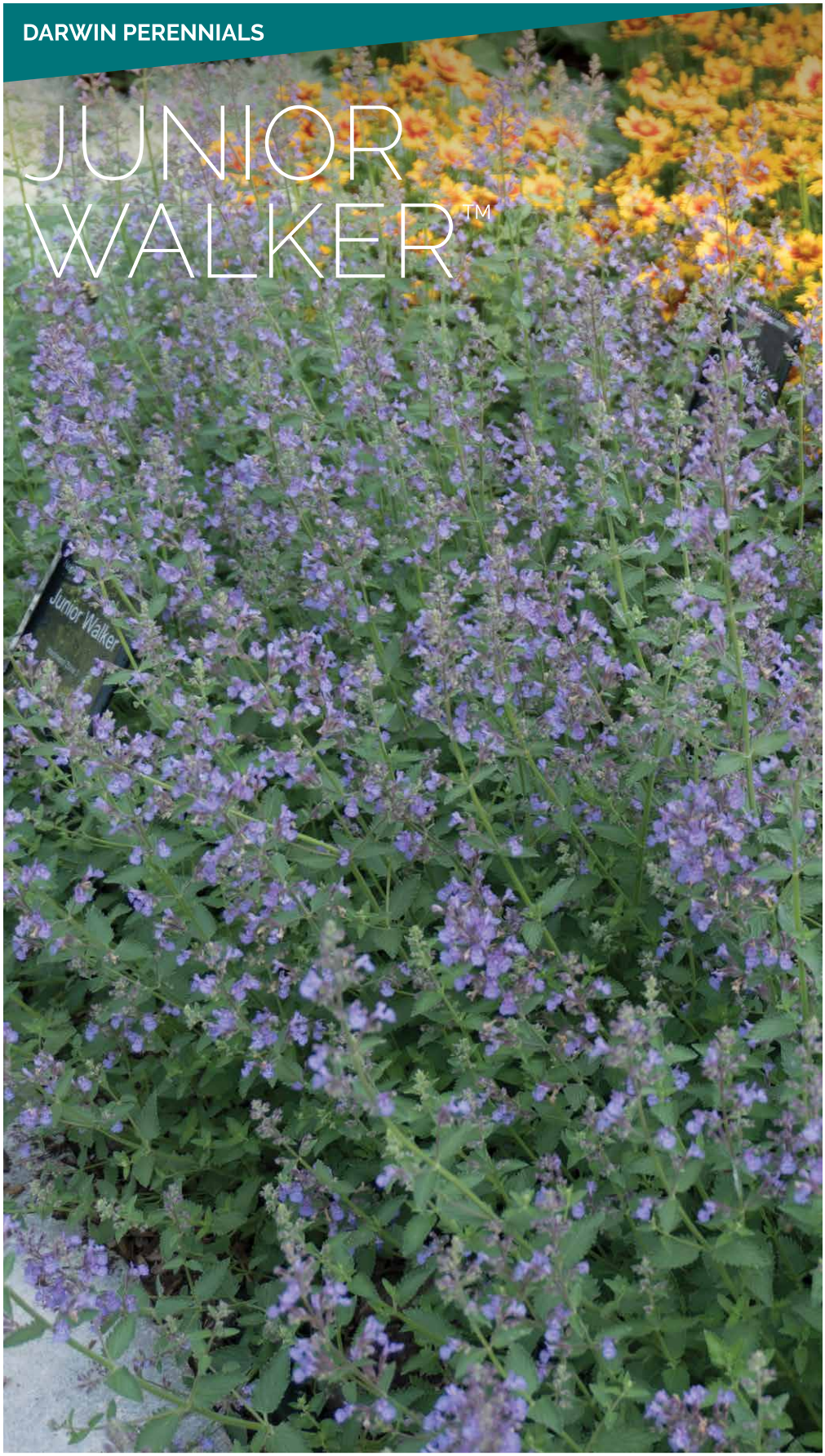
MUEHLENBECKIA (MAIDENHAIR VINE)
Muehlenbeckia axillaris

'NANA'

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

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

JUNIOR WALKER™



Nepeta Junior Walker

NEPETA
(CATMINT)
Nepeta x faassenii

JUNIOR WALKER™

DARWIN PERENNIALS

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

Abundant flowers in a compact habit!

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

Nepeta 'Kitten Around'

Nepeta 'Purrsian Blue'

Nepeta 'Walker's Low'

Nepeta 'Blue Wonder'

Nepeta 'Dropmore'

Nepeta Little Trudy

Ocimum 'Kasar'

Oenothera 'Siskiyou'

Oenothera 'Shimmer'

NEPETA (CATMINT)
Nepeta mussinii

'KITTEN AROUND'

NEW FOR 2019

WALTERS GARDENS

Height: 12 to 14 in. (30 to 36 cm)
Bloom Months: Late Spring to late Summer
USDA Hardiness Zones: 3a to 8b

PPAF

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

'PURRSIAN BLUE'

WALTERS GARDENS

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

PP24,788

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

'WALKER'S LOW'

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

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

NEPETA (CATMINT)
Nepeta x faassenii

'BLUE WONDER'

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

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

'DROPMORE'

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

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

LITTLE TRUDY®

PLANT SELECT

Height: 10 to 14 in. (25 to 36 cm)
Bloom Months: May to October
USDA Hardiness Zones: 4a to 9b

'Psfike' PP18,904

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

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

OCIMUM (BASIL)
Ocimum basilicum

'KASAR'

Height: 28 to 32 in. (71 to 81 cm)
Bloom Months: None
USDA Hardiness Zones: 9a to 11

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

OENOTHERA (MEXICAN EVENING PRIMROSE)
Oenothera berlandieri

'SISKIYOU'

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

Neat, compact and floriferous with pink flowers.

OENOTHERA (EVENING PRIMROSE)
Oenothera macrocarpa ssp. fremontii

'SHIMMER'

PLANTHAVEN, INC.

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

PP19,663

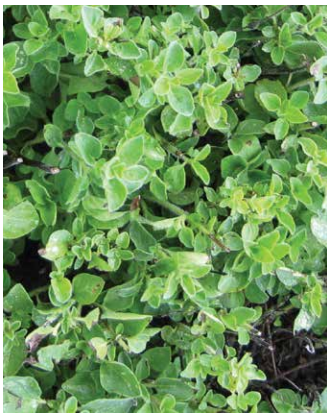
Papery, lemon yellow flowers and narrow silvery foliage.

Origanum Gentle Breeze

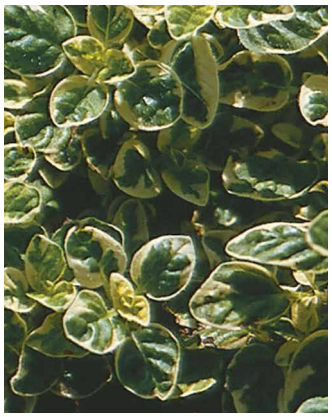
Origanum 'Compactum'

Origanum 'Kent Beauty'

Origanum 'Aureum'


Origanum Greek

Origanum 'Hot and Spicy'


Origanum Variegated

ORIGANUM (OREGANO)
Origanum laevigatum

GENTLE BREEZE

NEW FOR 2019
RENE VAN GAALEN, B.V.

Height: 16 to 18 in. (41 to 46 cm)
Bloom Months: Spring to late Summer
USDA Hardiness Zones: 5a to 9b
'ALL120506' PPAF

A wonderful addition to the perennial garden. Although not primarily for culinary use, this ornamental Oregano has beautifully fragrant foliage and sweetly scented flowers from late-Spring through Fall. Very attractive to pollinators.

ORIGANUM (COMPACT SWEET MARJORAM)
Origanum majorana

'COMPACTUM'

Height: 3 to 6 in. (8 to 15 cm)
Bloom Months: None
USDA Hardiness Zones: 6b to 9b

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: 5a to 8b

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

ORIGANUM (OREGANO)
Origanum vulgare

'AUREUM'

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

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

GREEK

Height: 12 to 28 in. (30 to 71 cm)
Bloom Months: None
USDA Hardiness Zones: 4a to 9b

TOP SELLER Strong-growing, hardy strain.

'HOT AND SPICY'

Height: 24 to 30 in. (61 to 76 cm)
Bloom Months: None
USDA Hardiness Zones: 5a to 9b

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

VARIEGATED

Height: 16 in. (41 cm)
Bloom Months: None
USDA Hardiness Zones: 4a to 9b

Green with creamy variegated edge.

ORIGANUM (OREGANO)
Origanum x majoricum

ITALIAN

Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: None
USDA Hardiness Zones: 5a to 9b

Deliciously scented culinary herb.

Origanum Italian

Penstemon 'Blackbeard'

Penstemon Polaris Magenta

Penstemon Polaris Purple

Penstemon Little Bells

Penstemon 'Prairie Twilight'

Penstemon Polaris Red

Penstemon Polaris Rose

PENSTEMON
(BEARD TONGUE)
Penstemon digitalis

'BLACKBEARD'

WALTERS GARDENS

Height: 28 to 34 in. (71 to 86 cm)
Bloom Months: Summer
USDA Hardiness Zones: 3a to 8b
PPAF

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

'PRAIRIE TWILIGHT'

MUST HAVE PERENNIALS®

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

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

PENSTEMON
(BEARD TONGUE)
Penstemon hartwegii

POLARIS™ SERIES

NEW FOR 2019

FLORENSIS, B.V.

Height: 16 to 18 in. (41 to 46 cm)
USDA Hardiness Zones: 7a to 9a

Prized for their abundance of flowers and showy appearance in the garden. Can be grown in containers in Northern areas where they may not be winter-hardy. Popular with hummingbirds.

Magenta 'Florpenmag' PP29,251
Purple 'Florpenpu'
Red 'Florpenred'
Rose 'Florpenrose'

POLARIS is a U.S. trademark of Florensis B.V.

PENSTEMON
(BEARD TONGUE)
Penstemon hybrida

LITTLE BELLS

DARWIN PERENNIALS

Height: 16 to 18 in. (41 to 46 cm)
Bloom Months: June to August
USDA Hardiness Zones: 6a to 9b
'Novapenbel' PP27,920

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

PENSTEMON
(BEARD TONGUE)
Penstemon hybrida

MISSIONBELLS™ DEEP ROSE

DARWIN PERENNIALS

Height: 20 to 24 in. (51 to 61 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5a to 9b
'Balmibepro' EU PBR48253; PP28,852

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

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

'CHERRY SPARKS'

DARWIN PERENNIALS

Height: 18 to 20 in. (46 to 51 cm)
Bloom Months: May to August
USDA Hardiness Zones: 5a to 9b
PP28,869

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

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

Penstemon MissionBells Deep Rose

Penstemon 'Cherry Sparks'

Penstemon Quartz Amethyst

Penstemon Quartz Rose

PENSTEMON (BEARD TONGUE)

Penstemon hybrida

QUARTZ® SERIES

DARWIN PERENNIALS

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

Reblooms throughout the season for maximum color.

- Sturdy, upright habit.
- Good basal branching.

Amethyst 'Novapename' PP27,821
Rose 'Novapenros' PP27,919

ROCK CANDY®

Penstemon Rock Candy Ruby

THIS EXCEPTIONAL AND SWEET SERIES OFFERS COLORFUL, SUMMER-LONG TREATS.

DARWIN PERENNIALS

Penstemon Rock Candy Blue

DARWIN PERENNIALS

Penstemon Rock Candy Light Pink

DARWIN PERENNIALS

Penstemon Rock Candy Pink

DARWIN PERENNIALS

Penstemon Rock Candy Ruby

Penstemon Pike's Peak Purple

Penstemon Red Rocks

PENSTEMON (BEARD TONGUE)

Penstemon barbatus

ROCK CANDY® SERIES

DARWIN PERENNIALS

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

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

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

Blue 'Novapenblu' PP27,786
Light Pink 'Novapenlig' PP27,787
Pink 'Novapenpin' PP26,701
Ruby 'Novapenrub' PP27,820

PENSTEMON (BEARD TONGUE)

Penstemon x mexicali

PIKE'S PEAK PURPLE®

PLANT SELECT

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

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

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

RED ROCKS®

PLANT SELECT

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

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

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

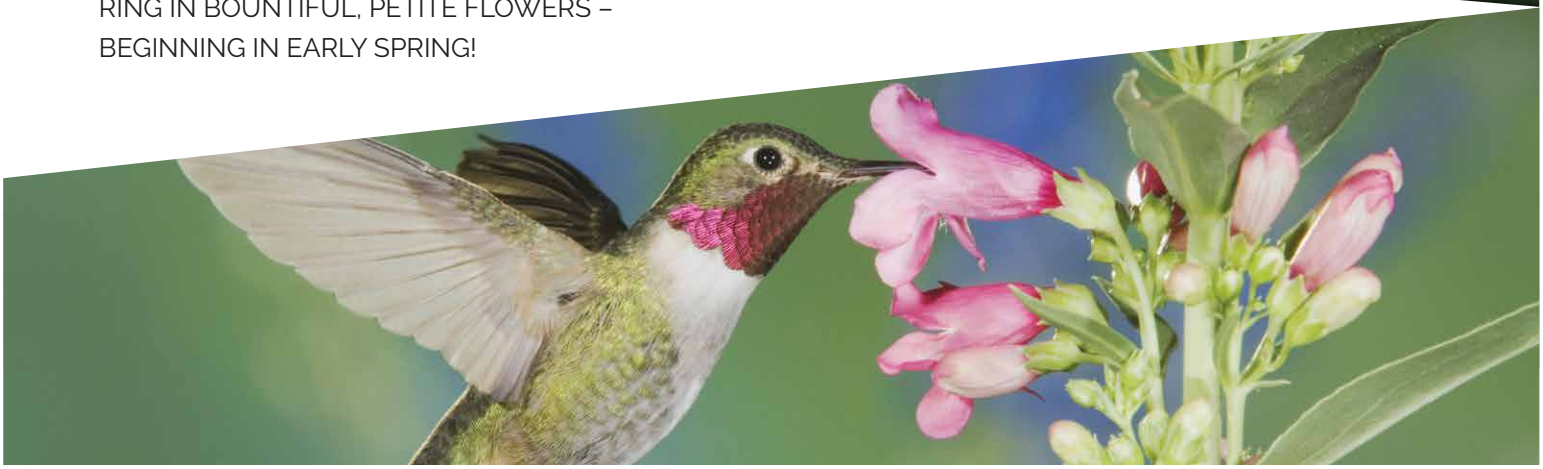
DARWIN PERENNIALS

NEW

MINI-BELLS™

Penstemon Mini-Bells Lavender Bicolor

RING IN BOUNTIFUL, PETITE FLOWERS –
BEGINNING IN EARLY SPRING!



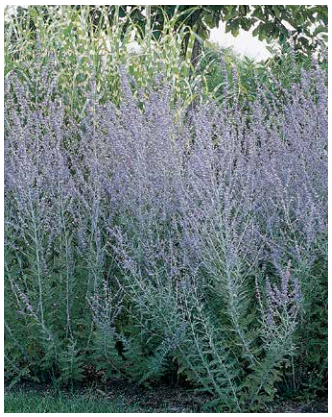
Penstemon Mini-Bells Red

Penstemon Mini-Bells Lavender Bicolor

Perovskia 'Blue Jean Baby'

Perovskia Lacey Blue

Perovskia 'Rocketman'


Perovskia atriplicifolia

PENSTEMON (BEARD TONGUE)
Penstemon hybrida

MINI-BELLS™ SERIES

NEW FOR 2019
DARWIN PERENNIALS

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

Flowers profusely in early Spring and reblooms in Fall.

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

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

PEROVSKIA (RUSSIAN SAGE)
Perovskia atriplicifolia

'BLUE JEAN BABY'

WALTERS GARDENS

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

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

LACEY BLUE

CONCEPT PLANTS, B.V.

Height: 12 to 18 in. (30 to 46 cm)
Bloom Months: July to September
USDA Hardiness Zones: 4a to 9b
'Lisslitt' PP20,845

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

'ROCKETMAN'

WALTERS GARDENS

Height: 30 to 36 in. (76 to 91 cm)
Bloom Months: Late Summer
USDA Hardiness Zones: 4a to 9b
PPAF

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

PEROVSKIA (RUSSIAN SAGE)
Perovskia atriplicifolia

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

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

BLUE SPRITZER

Perovskia Blue Spritzer

PEROVSKIA
(RUSSIAN SAGE)
Perovskia atriplicifolia

BLUE SPRITZER

DARWIN PERENNIALS

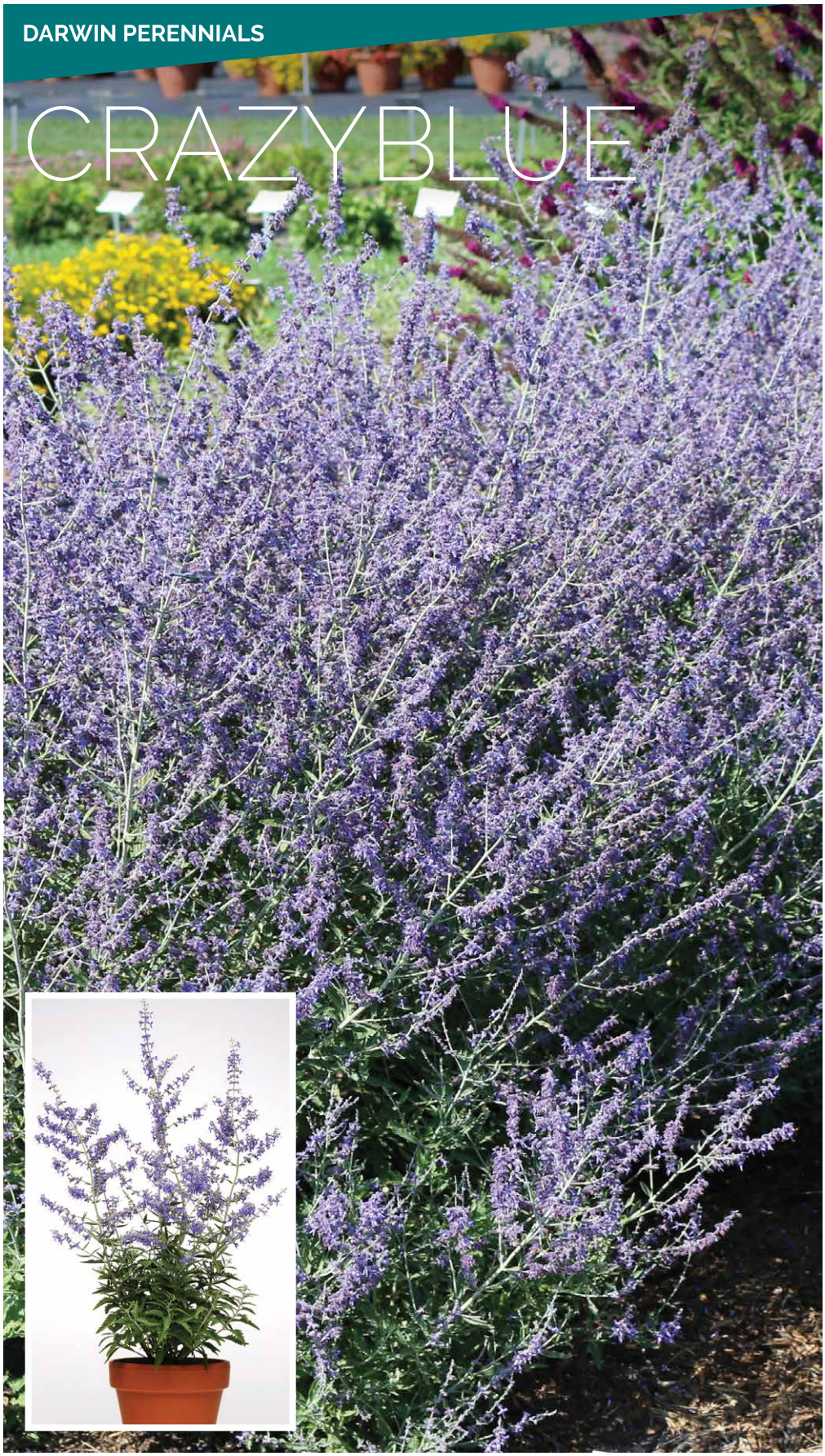
Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: July to August
USDA Hardiness Zones: 4a to 9b
'Balperobritz'

Fills a container quickly!

- Naturally well-branched.
- Lower input costs and faster turns.

DARWIN PERENNIALS

CRAZYBLUE



Perovskia 'CrazyBlue'

PEROVSKIA
(RUSSIAN SAGE)
Perovskia atriplicifolia

'CRAZYBLUE'

DARWIN PERENNIALS

Height: 16 to 18 in. (41 to 46 cm)
Bloom Months: July to August
USDA Hardiness Zones: 4a to 9b
PP25,639; CPBR5152

Colorado State University Flower Trial 2016 "Top Performer Perennials" Winner.

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

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

LITTLE LACE

Perovskia Little Lace

PEROVSKIA
(RUSSIAN SAGE)
Perovskia atriplicifolia

LITTLE LACE

DARWIN PERENNIALS

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

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

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

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

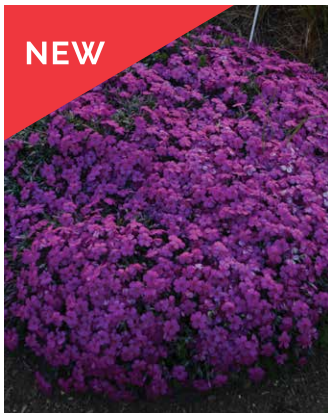
Phlox 'Amethyst Pearl'

Phlox 'Bedazzled Lavender'

Phlox 'Bedazzled Orchid'

Phlox 'Bedazzled Pink'

Phlox 'Pink Minuet'



Phlox 'Rocky Road Magenta'

Phlox 'Rocky Road Pink'

PHLOX
(HYBRID PHLOX)

Phlox hybrid

'AMETHYST PEARL'

NEW FOR 2019

WALTERS GARDENS

Height: 18 in. (46 cm)
Bloom Months: Summer
USDA Hardiness Zones: 3a to 8b

PP28,487

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

BEDAZZLED SERIES

NEW FOR 2019

WALTERS GARDENS

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

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

'Bedazzled Lavender' Lavender flowers with lighter halo centers and a dark purple, star-shaped eye. PPAF
'Bedazzled Orchid' Lavender flowers with lighter halo centers and a dark purple eye. PPAF
'Bedazzled Pink' PPAF

'PINK MINUET'

NEW FOR 2019

WALTERS GARDENS

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

PPAF

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

ROCKY ROAD SERIES

NEW FOR 2019

WALTERS GARDENS

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

The perfect Spring groundcover for dry rock gardens.

'Rocky Road Magenta' Magenta flowers have a small, dark eye. PPAF
'Rocky Road Pink' PPAF

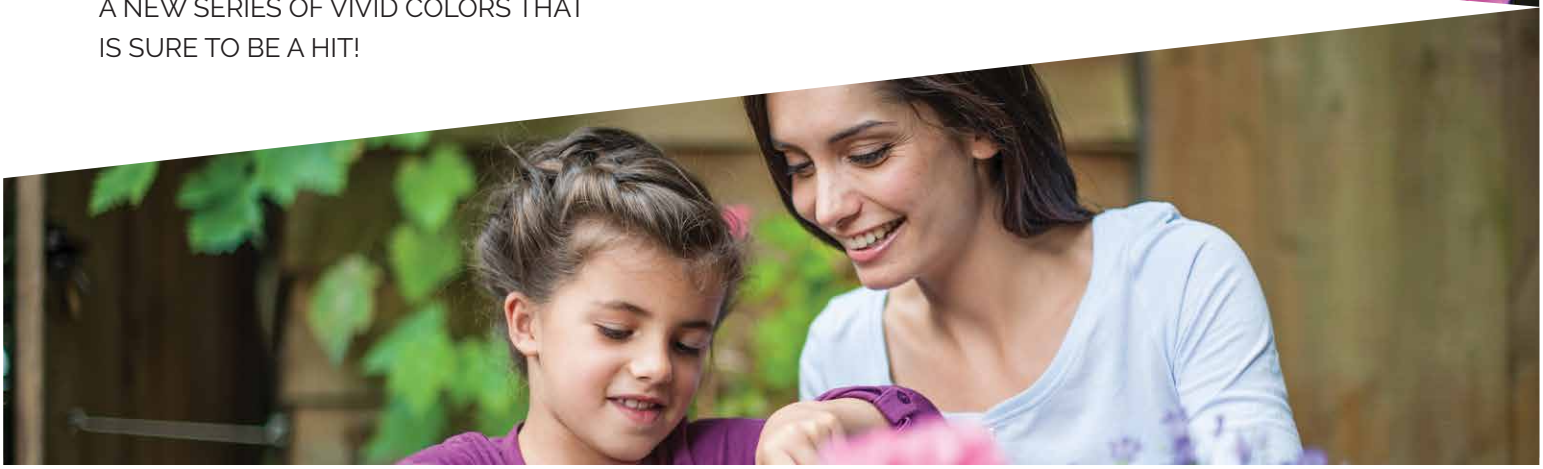
DARWIN PERENNIALS

NEW

KA-POW®

Phlox Ka-Pow Purple

A NEW SERIES OF VIVID COLORS THAT IS SURE TO BE A HIT!



Phlox Ka-Pow Lavender

Phlox Ka-Pow Pink

Phlox Ka-Pow Purple

Phlox Ka-Pow White Bicolor

Phlox 'Fashionably Early Crystal'

Phlox 'Fashionably Early Flamingo'

Phlox 'Fashionably Early Lavender Ice'

Phlox 'Fashionably Early Princess'

Phlox 'Blue Moon'

Phlox 'May Breeze'

Phlox 'Violet Pinwheels'

Phlox 'Bright Eyes'

© The John Henry Company

PHLOX (GARDEN PHLOX)
Phlox paniculata

KA-POW® SERIES

NEW FOR 2019
DARWIN PERENNIALS

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

Ka-Pow packs a punch!

- New compact Phlox *paniculata* series is well branched and uniform, for an excellent retail presentation.
- Features vibrant colors and mildew tolerance.

Lavender 'Balkapolav' PPAF
Pink 'Balkapopink' PPAF
Purple 'Balkapopur' PPAF
White Bicolor 'Balkapowibi' PPAF

PHLOX (WOODLAND PHLOX)
Phlox divaricata

'BLUE MOON'

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

Loads of fragrant, dark blue flowers.

'MAY BREEZE'

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

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

PHLOX (CREEPING PHLOX)
Phlox hybrid

'VIOLET PINWHEELS'

CHICAGOLAND GROWS, INC.

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

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

PHLOX (GARDEN PHLOX)
Phlox paniculata

'BRIGHT EYES'

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

Fragrant blooms are pale pink with crimson eye.

FASHIONABLY EARLY SERIES

WALTERS GARDENS

Height: 28 to 36 in. (71 to 91 cm)
Bloom Months: Summer
USDA Hardiness Zones: 4a to 8b

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

'Fashionably Early Crystal' Pure white flowers with a faint light purple eye and broad, dark green foliage. PP28,679
'Fashionably Early Flamingo' Perfectly defined panicles of light lavender pink flowers with broad, thick, bright green foliage. PPAF
'Fashionably Early Lavender Ice' Pale lavender flowers with a lavender pink eye over narrow, spiky, dark green foliage. PPAF
'Fashionably Early Princess' Light fuchsia pink flowers with a darker pink eye cover broad, thick, glossy green foliage. PP28,680

DARWIN PERENNIALS

CHERRY CREAM

Phlox 'Cherry Cream'

PHLOX
(GARDEN PHLOX)
Phlox paniculata

'CHERRY CREAM'

DARWIN PERENNIALS

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

PPAF

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

- Medium-height, self-branching and powdery mildew-tolerant Phlox that offers more uniform production with less chemicals needed for disease control.
- Can be used as cut flowers as well.

Phlox 'Glamour Girl'

Phlox Goldmine Improved

Phlox 'Laura'

Phlox 'Nicky'

Phlox 'Red Riding Hood'

Phlox 'Norah Leigh'

Phlox 'Starfire'

Phlox Younique Bicolor

Phlox Younique 'Blend'

Phlox Younique Cerise

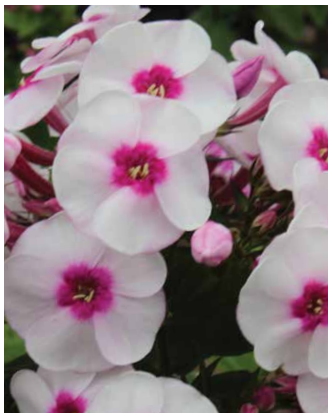
Phlox Younique 'Mauve'

Phlox Younique Old Blue

Phlox Younique Old Pink

Phlox Younique 'Orange'

Phlox Younique Red


Phlox Younique 'Trendy'

PHLOX (WOODLAND PHLOX)

Phlox paniculata

'GLAMOUR GIRL'

WALTERS GARDENS

Height: 32 in. (81 cm)
Bloom Months: Summer
USDA Hardiness Zones: 3a to 8b
PP25,778

A new gold standard in tall Phlox. Bright green, healthy foliage shrugs off powdery mildew with ease and looks great all season. Large panicles of glowing hot coral pink, fragrant flowers on dark stems steal the show at the height of Summer. Glamorous indeed!

GOLDMINE IMPROVED

RENE VAN GAALEN, B.V.

Height: 24 to 28 in. (61 to 71 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 9b
'Goldmine IMP' PP26,910

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

'LAURA'

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

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

'NICKY'

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

Intense, deep magenta-purple flower heads.

'NORAH LEIGH'

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

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

'RED RIDING HOOD'

NEW FOR 2019
Height: 22 in. (56 cm)
Bloom Months: Summer
USDA Hardiness Zones: 3a to 8b

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

'STARFIRE'

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

Brilliant red flowers atop deep bronze/green foliage.

YOUNIQUE SERIES

COMPASS PLANTS, B.V.

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

Great series of large-flowered, compact garden Phlox.

Bicolor 'Versbicolor' PP24,790
'Blend'
Cerise 'Verscerise' PP26,102
'Mauve'
Old Blue 'Versoldblue' PP26,070
Old Pink 'Versoldpink' PP26,139
'Orange'
Red
'Trendy'

Phlox 'Eye Candy'

Phlox 'Eye Shadow'

Phlox 'Amazing Grace'

Phlox 'Candy Stripe'

Phlox 'Coral Eyes'

Phlox 'Crimson Beauty'

PHLOX (MOSS PHLOX)

Phlox subulata

'AMAZING GRACE'

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

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

'CANDY STRIPE'

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

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

'CORAL EYES'

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

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

'CRIMSON BEAUTY'

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

Rosy red blooms in early Spring.

'DRUMMOND'S PINK'

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

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

'EMERALD BLUE'

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

Clear lavender-blue flowers in early Spring.

'EMERALD CUSHION BLUE'

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

Lavender-blue flowers on a superior mounding habit.

'EMERALD PINK'

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

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

'EYE CANDY'

NEW FOR 2019
WALTERS GARDENS

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

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

'EYE SHADOW'

NEW FOR 2019
WALTERS GARDENS

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

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

Phlox 'Drummond's Pink'

Phlox 'Emerald Blue'

Phlox 'Emerald Cushion Blue'

Phlox 'Emerald Pink'

Phlox Fabulous Blue Violet

Phlox Fabulous Rose

Phlox Fabulous White

Phlox 'Fort Hill'

Phlox 'Millstream Daphne'

Phlox 'Oakington Blue Eyes'

Phlox 'Purple Beauty'

Phlox 'Red Wings'

Phlox 'Ronsdorfer Beauty'

Phlox 'Scarlet Flame'

Phlox 'Snowflake'

Phlox 'White Delight'

PHLOX (MOSS PHLOX)

Phlox subulata

FABULOUS™ SERIES

FLORENSIS, B.V.

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

Nicely mounded habit. Provides beautiful early-Spring color.

Blue Violet 'Florphfabv' PPAF
Rose 'Florphfaro' PPAF
White 'Florphfawh'

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

'FORT HILL'

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

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

'MILLSTREAM DAPHNE'

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

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: 2a to 8b

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

'PURPLE BEAUTY'

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

Deep purple blooms.

'RED WINGS'

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

Vigorous, with striking rosy red flowers in early Spring.

'RONSDORFER BEAUTY'

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

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

'SCARLET FLAME'

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

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

'SNOWFLAKE'

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

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

'WHITE DELIGHT'

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

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

Phlox 'Forever Pink'

Phlox Paparazzi Adele

Phlox Paparazzi Angelina

Phlox Paparazzi Britney

Phlox Paparazzi Jagger

Phlox Paparazzi Levine

Phlox Paparazzi Paris

PHLOX
Phlox hybrida

'FOREVER PINK'

CHICAGOLAND GROWS, INC.

Height: 16 to 18 in. (41 to 46 cm)
Bloom Months: June to October
USDA Hardiness Zones: 4a to 8b
PP24,918

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

PAPARAZZI® COLLECTION

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

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

Adele 'PHL091601' PP26,853
Angelina 'PPPHL07301' PP23,702
Britney 'PPPHL0604' PP23,703
Jagger 'PHL090201' PP26,854
Levine 'PHL090401' PP26,852
Paris 'PPPH07201' PP23,705

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

PHLOX (HYBRID CREEPING PHLOX)
Phlox x procumbens

'PINK PROFUSION'

CHICAGOLAND GROWS, INC.

Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: March to June
USDA Hardiness Zones: 5a to 8b
PP25,883

Oversized purplish-pink blossoms feature broad, overlapping petals.

Phlox 'Pink Profusion'

Physostegia 'Autumn Carnival'

Physostegia 'Miss Manners'

Polemonium Brise D'Anjou

Polemonium 'Touch of Class'

Polemonium Bressingham Purple

Prunella 'Summer Daze'

PHYSOSTEGIA (OBEDIENT PLANT, FALSE DRAGONHEAD)

Physostegia virginiana

'AUTUMN CARNIVAL'

WALTER BLOM PLANTS, B.V.

Height: 15 to 17 in. (38 to 43 cm)
Bloom Months: Late Summer to Fall
USDA Hardiness Zones: 5a to 9b
PPAF

Perfect for Summer flowering programs.

'MISS MANNERS'

PLANTHAVEN, INC.

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

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

POLEMONIUM (JACOB'S LADDER)

Polemonium caeruleum

BRISE D'ANJOU

MUST HAVE PERENNIALS®

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

SUNNY BORDER NURSERY

Height: 14 to 18 in. (36 to 46 cm)
Bloom Months: May to June
USDA Hardiness Zones: 4a to 9b
PP19,768

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

POLEMONIUM (JACOB'S LADDER)

Polemonium yezoense

BRESSINGHAM PURPLE

MUST HAVE PERENNIALS®

Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: May to June
USDA Hardiness Zones: 4a to 9b
'Polbress' PP15,367

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

PRUNELLA (SELF-HEAL)

Prunella hybrid

'SUMMER DAZE'

PLANTHAVEN, INC.

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

Pink flower clusters and attractive oakleaf foliage and habit.

Rosmarinus 'Arp'

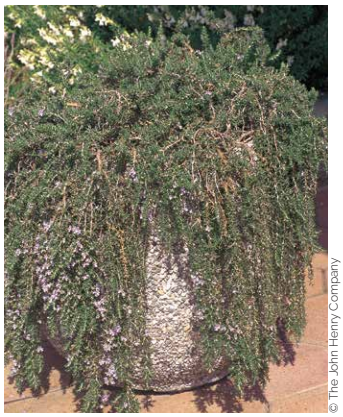
Rosmarinus 'Barbecue'

Rosmarinus 'Gorizia'

Rosmarinus 'Huntington Carpet'

Rosmarinus 'Madeline Hill'

Rosmarinus officinalis


© The John Henry Company
Rosmarinus 'Prostratus'

Rosmarinus 'Salem'

ROSMARINUS (ROSEMARY)
Rosmarinus officinalis

'ARP'

Height: 60 in. (152 cm)
Bloom Months: None
USDA Hardiness Zones: 7a to 11

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

'BARBECUE'

Height: 36 to 48 in. (91 to 122 cm)
Bloom Months: None
USDA Hardiness Zones: 8a to 11

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

'GORIZIA'

Height: 48 to 60 in. (122 to 152 cm)
Bloom Months: None
USDA Hardiness Zones: 8a to 11

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

'HUNTINGTON CARPET'

Height: 18 in. (46 cm)
Bloom Months: None
USDA Hardiness Zones: 8a to 11

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

'MADELINE HILL'

Height: 36 in. (91 cm)
Bloom Months: None
USDA Hardiness Zones: 6a to 11

Sturdy, upright form; reputably hardy to Zone 6.

ROSMARINUS (ROSEMARY)
Rosmarinus officinalis

Height: 48 to 60 in. (122 to 152 cm)
Bloom Months: None
USDA Hardiness Zones: 8a to 11

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

'PROSTRATUS'

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

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

'SALEM'

Height: 36 in. (91 cm)
Bloom Months: None
USDA Hardiness Zones: 8a to 11

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

'SPICE ISLAND'

Height: 24 to 36 in. (61 to 91 cm)
Bloom Months: None
USDA Hardiness Zones: 8a to 11

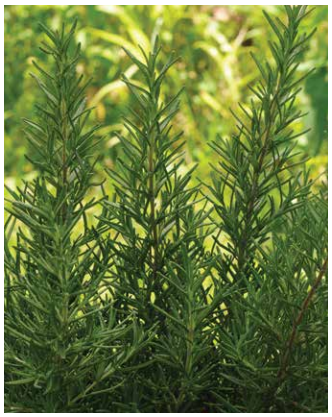
Vigorous, tender perennial with thick, sturdy, dark green foliage.

'TUSCAN BLUE'

Height: 36 in. (91 cm)
Bloom Months: None
USDA Hardiness Zones: 8a to 11

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

Rosmarinus 'Spice Island'


Rosmarinus 'Tuscan Blue'

Rudbeckia 'Viette's Little Suzy'

Sagina 'Aurea'

Sagina Irish Moss

Salvia Pineapple Sage

Salvia 'Black & Blue'

Salvia 'Love and Wishes'

Salvia 'Wendy's Wish'

Salvia 'Furman's Red'

RUDBECKIA (BLACK-EYED SUSAN)
Rudbeckia speciosa

'VIETTE'S LITTLE SUZY'

MUST HAVE PERENNIALS®

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

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

SAGINA (PEARLWORT)
Sagina subulata

'AUREA'

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

Scotch Moss forms a chartreuse groundcover with tiny white flowers.

IRISH MOSS

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

Solid green, tight grower with small white flowers.

SALVIA (SAGE)
Salvia elegans

PINEAPPLE SAGE

Height: 36 in. (91 cm)
Bloom Months: None
USDA Hardiness Zones: 8a to 11

Tender perennial with pineapple-scented foliage and red flowers.

SALVIA (SAGE)
Salvia guaranitica

'BLACK & BLUE'

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

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

SALVIA (SAGE)
Salvia hybrid

'LOVE AND WISHES'

PLANTS MANAGEMENT AUSTRALIA

Height: 32 to 36 in. (81 to 91 cm)
Bloom Months: Summer to frost
USDA Hardiness Zones: 9a to 9b

- 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.

'WENDY'S WISH'

PLANTHAVEN, INC.

Height: 30 to 40 in. (76 to 102 cm)
Bloom Months: Summer to frost
USDA Hardiness Zones: 9a to 10a
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 greggii

'FURMAN'S RED'

PLANT SELECT

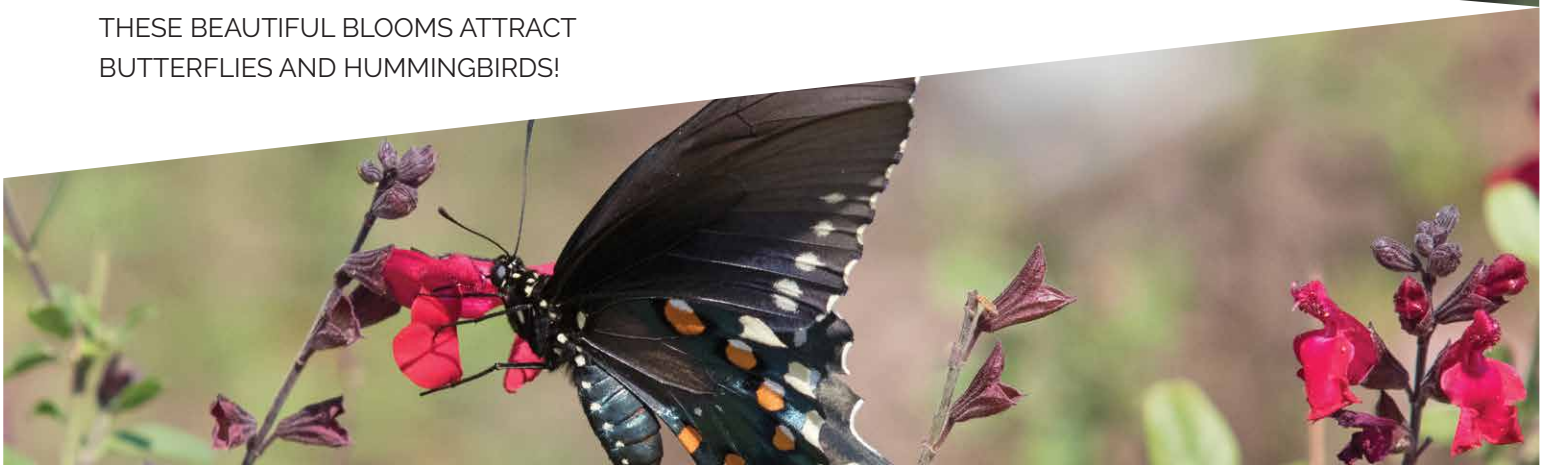
Height: 12 to 20 in. (30 to 51 cm)
Bloom Months: Mid-May to July
USDA Hardiness Zones: 7a to 9b

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

MIRAGE™

Salvia Mirage Salmon

IT'S NOT AN OPTICAL ILLUSION.
THESE BEAUTIFUL BLOOMS ATTRACT
BUTTERFLIES AND HUMMINGBIRDS!



Salvia Mirage Salmon

Salvia Mirage White

Salvia Mirage Burgundy

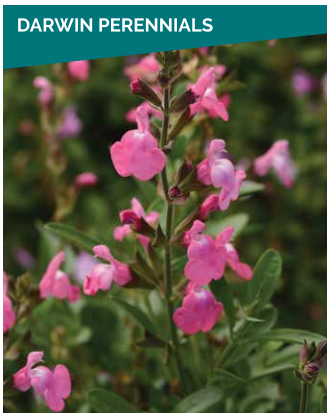
Salvia Mirage Cherry Red

Salvia Mirage Cream

Salvia Mirage Deep Purple

Salvia Mirage Hot Pink

Salvia Mirage Neon Rose



Salvia Mirage Pink

Salvia Mirage Soft Pink

Salvia Mirage Violet

Salvia Suncrest 'Fancy Dancer'

Salvia Suncrest Landscape 'Shell Dancer'

SALVIA (SAGE)
Salvia greggii

MIRAGE™ SERIES

DARWIN PERENNIALS

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

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

- Self-branching, mounded habit resists breaking for easy shipping and less shrink.
- Can be sold as 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' PP28,537

TOP SELLER **Cherry Red** Colorado State University Flower Trial "Best of..." Award Winner. "Excellent" ratings at Chicago Botanic Gardens. 'Balmircher' PP28,527
Cream 'Balmircemi'

TOP SELLER **Deep Purple** 'Balmirdepur' PP28,538
Hot Pink 'Balmirhopi'
Neon Rose 'Balmirnose'
Pink 'Balmirpink'

NEW **Salmon** A deep salmon bloom with a dark calyx. 'Balmirsal' PPAF
Soft Pink 'Balmirsopin'
Violet 'Balmirvio' PPAF
NEW **White** Crisp, clear white blooms. 'Balmirwite'

SUNCREST 'FANCY DANCER'

DARWIN PERENNIALS

Height: 16 to 24 in. (41 to 61 cm)
Bloom Months: March to October
USDA Hardiness Zones: 7a to 11
PP24,088

Compact, tidy, well-branched tender perennials.

SUNCREST LANDSCAPE 'SHELL DANCER'

DARWIN PERENNIALS

Height: 24 to 36 in. (61 to 91 cm)
Bloom Months: March to October
USDA Hardiness Zones: 7a to 11
PP20,680

Tender perennials with a moderately sized plant habit.

DARWIN PERENNIALS

RADIO RED

Salvia 'Radio Red'

SALVIA (SAGE)
Salvia greggii

'RADIO RED'

DARWIN PERENNIALS

Height: 16 to 18 in. (41 to 46 cm)
Bloom Months: March to September
USDA Hardiness Zones: 7a to 10b
PP26,362

TOP SELLER **Blooms all Summer long – nice in containers.**

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

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

Salvia 'Blue by You'

SALVIA
(SAGE)
Salvia hybrida

'BLUE BY YOU'

NEW FOR 2019
DARWIN PERENNIALS

Height: 20 to 22 in. (51 to 56 cm)
Bloom Months: March to September
USDA Hardiness Zones: 4b to 9a
PPAF

Repeat flowers throughout Spring and Summer.

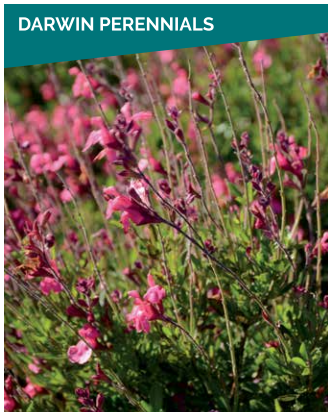
- A hybrid between *Salvia nemorosa* and *Salvia pratensis*, it has excellent Winter hardiness and heat tolerance.
- Sterile hybrid for longer shelf life.
- Re-flushes very easily.
- Long, bright blue flower spikes.

ARCTIC BLAZE®

Salvia Arctic Blaze Fuchsia

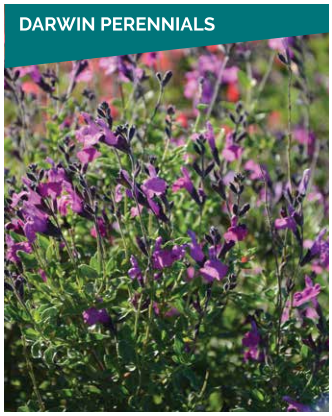
THESE BRIGHT, BOLD BLOOMS CAN TAKE THE HEAT AND IGNITE LANDSCAPES FROM EARLY SPRING THROUGH FALL.

DARWIN PERENNIALS



Salvia Arctic Blaze Fuchsia

DARWIN PERENNIALS



Salvia Arctic Blaze Purple

DARWIN PERENNIALS

Salvia Arctic Blaze Red

Salvia 'Ember's Wish'

Salvia 'Santa Barbara'

Salvia Sensation Medium Deep Blue

Salvia Sensation Compact Bright Rose

Salvia Sensation Compact Deep Blue

Salvia Sensation Compact Sky Blue

Salvia Sensation Compact Violet

Salvia Sensation Compact White

Salvia Sensation Medium Deep Rose

Salvia Sensation Medium Light Rose

Salvia Sensation Medium Pink

Salvia Sensation Medium White

(SALVIA (SAGE))
Salvia hybrida

ARCTIC BLAZE® SERIES

DARWIN PERENNIALS

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

Bred for improved hardiness and terrific repeat blooming.

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

University of Georgia Trial Gardens "Plants of Distinction"

Fuchsia 'Novasalfuc' PP28,619
Purple 'Novasalpur' PP28,717
Red 'Novasalred' PP28,620

'EMBER'S WISH'

PLANTS MANAGEMENT AUSTRALIA

Height: 32 to 36 in. (81 to 91 cm)
Bloom Months: May to September
USDA Hardiness Zones: 9a to 10b

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

SALVIA (SAGE)
Salvia leucantha

'SANTA BARBARA'

PLANTHAVEN, INC.

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

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

SENSATION™ COMPACT SERIES

FLORENSIS, B.V.

Height: 12 to 14 in. (30 to 36 cm)
Bloom Months: Mid-May to July
USDA Hardiness Zones: 5a to 9b

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

Bright Rose 'Florsalbro' PP26,728
Deep Blue 'Florsaldblue' PP21,297
Sky Blue 'Florsalsbu'
Violet 'Florsalvioblu' PP26,744
White 'Florsalcwh'

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

SENSATION™ MEDIUM SERIES

FLORENSIS, B.V.

Height: 12 to 14 in. (30 to 36 cm)
Bloom Months: Mid-May to July
USDA Hardiness Zones: 5a to 9b

- Well-branched, medium-habit plants.
- Bold displays of early-Summer color.
- A magnet for hummingbirds and butterflies.

Deep Blue 'Florsaldeep'
Deep Rose 'Florsaldro'
Light Rose 'Florsaliro'
Pink 'Florsalpi'
White 'Florsalcwh'

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

Salvia 'Caradonna'

Salvia Marcus

Salvia 'Aurea'

Salvia 'Berggarten'

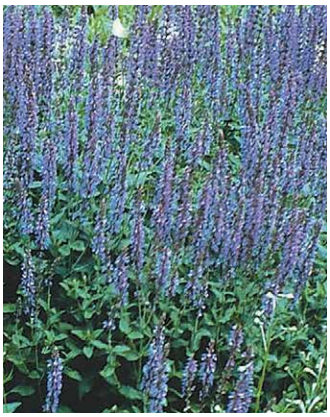
Salvia Garden Sage

Salvia 'Icterina'

Salvia 'Purpurascens'

Salvia 'Tricolor'

Salvia 'Purple Rain'


Salvia 'East Friesland'

Salvia May Night

Salvia 'Snow Hill'

SALVIA (SAGE)
Salvia nemorosa

'CARADONNA'

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

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

MARCUS®

RIJNBEEK & ZN, B.V.

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

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

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

SALVIA (GOLDEN SAGE)
Salvia officinalis

'AUREA'

Height: 24 to 30 in. (61 to 76 cm)
Bloom Months: None
USDA Hardiness Zones: 5a to 8b

Golden sage has chartreuse leaves edged in gold.

'BERGGARTEN'

Height: 24 to 20 in. (61 to 51 cm)
Bloom Months: None
USDA Hardiness Zones: 5a to 8b

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

GARDEN SAGE

Height: 32 in. (81 cm)
Bloom Months: None
USDA Hardiness Zones: 5a to 8b

Strongly aromatic, gray-green foliage.

'ICTERINA'

Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: None
USDA Hardiness Zones: 6a to 10b

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

'PURPURASCENS'

Height: 12 to 24 in. (30 to 61 cm)
Bloom Months: None
USDA Hardiness Zones: 6a to 9b

Purple Sage has bluish-purple stems and leaves.

'TRICOLOR'

Height: 12 to 24 in. (30 to 61 cm)
Bloom Months: None
USDA Hardiness Zones: 6a to 10b

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

SALVIA (SAGE)
Salvia verticillata

'PURPLE RAIN'

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

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

SALVIA (SAGE)
Salvia x sylvestris

'EAST FRIESLAND'

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

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

MAY NIGHT

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

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

'SNOW HILL'

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

Mounded, gray-green foliage with white flowers.

DARWIN PERENNIALS

BLUE MARVEL

Salvia 'Blue Marvel'

SALVIA
(SAGE)
Salvia nemorosa

'BLUE MARVEL'

DARWIN PERENNIALS

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: March to September
USDA Hardiness Zones: 4a to 9b
PP27,018

TOP SELLER **The largest flowers of any *S. nemorosa!***

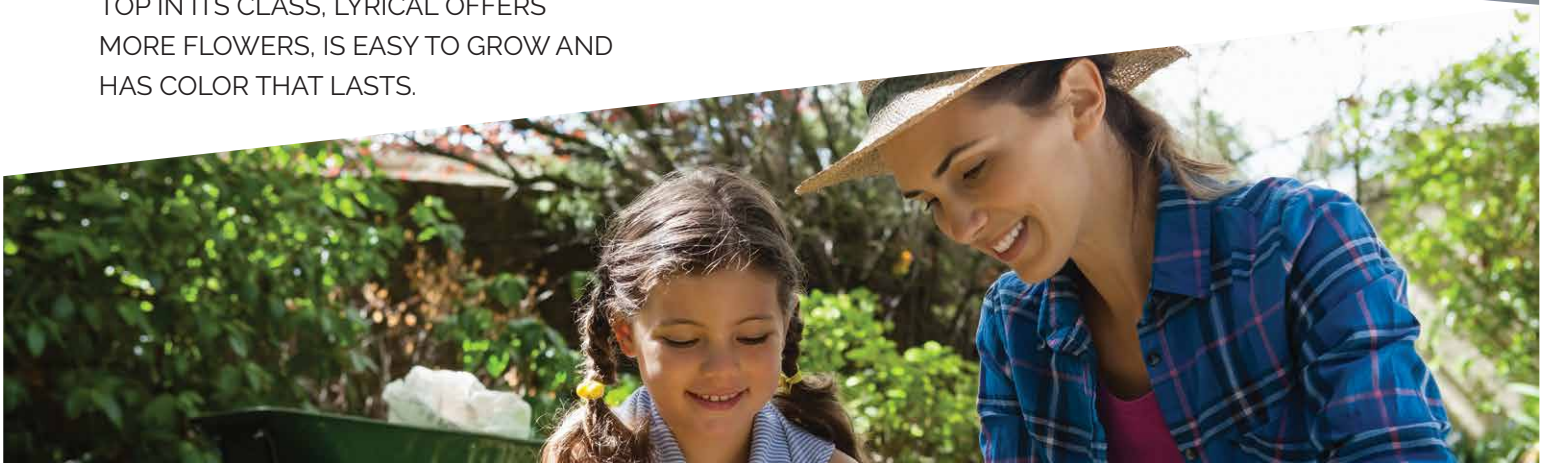
- Innovative variety can be finished as a first-year-flowering perennial.
- No PGRs needed!
- Outstanding habit and reliable re-blooming for landscapes and container gardening.
- Ideal for positioning as a premium perennial item for a greater profit margin opportunity.

- **Plantarium 2016 Gold Medal Winner**
- **HTA National Plant Show "Best In Show"**

LYRICAL™

Salvia Lyrical Rose

MUSIC TO OUR EARS...AND EYES!
TOP IN ITS CLASS, LYRICAL OFFERS
MORE FLOWERS, IS EASY TO GROW AND
HAS COLOR THAT LASTS.



Salvia Lyrical Blues

Salvia Lyrical Rose

Salvia Lyrical Silvertone

Salvia Lyrical White

Salvia 'Bumbleberry'

Salvia 'Bumbleblue'

Salvia 'Bumblesky'

Salvia 'Bumblesnow'

Salvia 'Blue Hill'

Salvia Fashionista 'Ballerina Pink'

Salvia Fashionista 'Midnight Model'

Salvia Fashionista 'Pretty in Pink'

Salvia Fashionista 'Sweet Petite'

SALVIA
(SAGE)
Salvia nemorosa

LYRICAL™ SERIES

DARWIN PERENNIALS

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

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

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

TOP SELLER **Blues** 'Balyriclu' PP22,919; CPBR4639
Rose 'Balyricose' PP24,274; CPBR4868
Silvertone 'Balyricsil' PP23,310; CPBR4869
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). 'Florsalwhite' PP21,243

'BUMBLEBERRY'

WALTERS GARDENS

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: Late Spring to Summer
USDA Hardiness Zones: 3a to 8b
PPAF

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

'BUMBLEBLUE'

WALTERS GARDENS

Height: 12 to 14 in. (30 to 36 cm)
Bloom Months: Late Spring to Summer
USDA Hardiness Zones: 3a to 8b
PPAF

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

'BUMBLESKY'

WALTERS GARDENS

Height: 14 to 16 in. (36 to 41 cm)
Bloom Months: Late Spring to Summer
USDA Hardiness Zones: 3a to 8b
PPAF

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

'BUMBLESNOW'

NEW FOR 2019
WALTERS GARDENS

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: Late Spring to Summer
USDA Hardiness Zones: 3a to 8b
PPAF

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

'BLUE HILL'

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

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

SALVIA
(SAGE)
Salvia pratensis

FASHIONISTA™ SERIES

WALTERS GARDENS

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

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

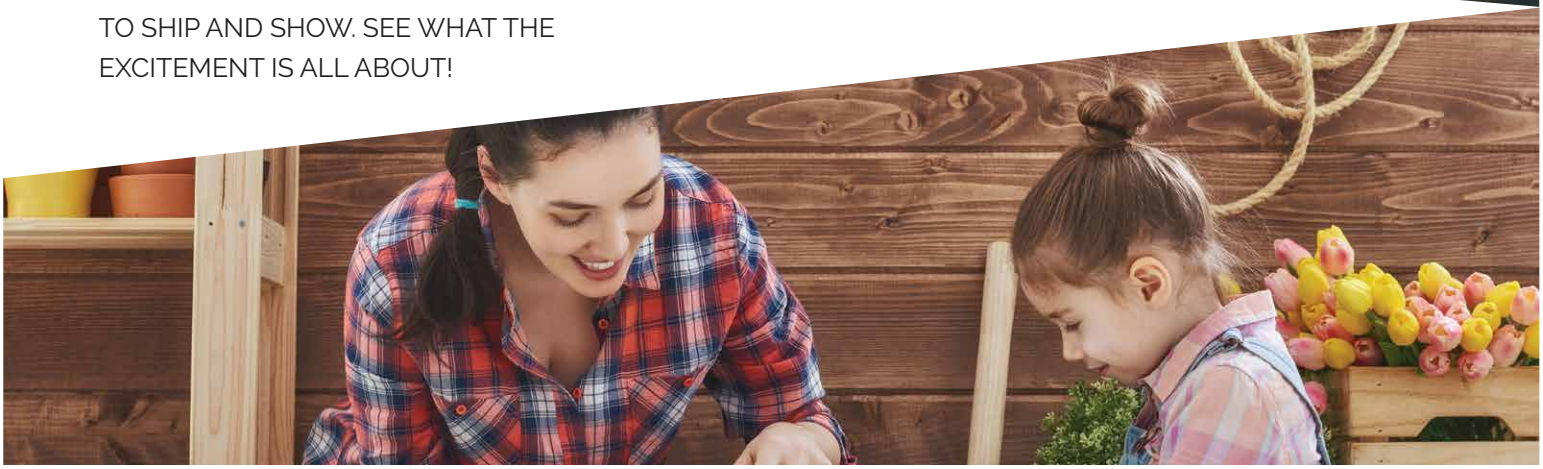
'Ballerina Pink' Soft pink flowers are held by dark mauve pink calyxes. PPAF
'Midnight Model' Striking violet-blue flowers are produced in a round, dense clump. PPAF
Pretty in Pink Vibrant lavender-pink flowers are held on darker pink calyxes. Produces brightly colored flowers for a long bloom period. 'Pretty in Pink' PPAF
NEW 'Sweet Petite' PPAF

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

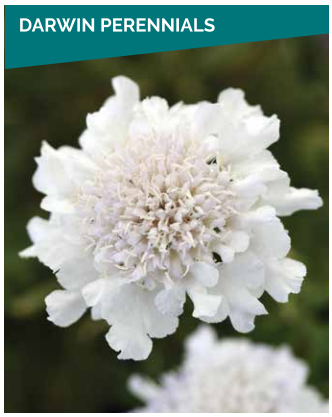
FLUTTER™

Scabiosa Flutter Rose Pink

A COMPACT SERIES THAT IS EASY TO SHIP AND SHOW. SEE WHAT THE EXCITEMENT IS ALL ABOUT!



Scabiosa Flutter Deep Blue



Scabiosa Flutter Pure White

Scabiosa Flutter Rose Pink

Scabiosa 'Butterfly Blue'

Scabiosa 'Pink Mist'

Santolina 'Nana'

Sedum 'Athoum'

Sedum 'Coral Carpet'

Sedum 'Major'

Sedum 'Chocolate Ball'

SCABIOSA (PINCUSHION FLOWER)

Scabiosa columbaria

FLUTTER™ SERIES

DARWIN PERENNIALS

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

Compact habit and shorter peduncles for easier shipping and showing!

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

Deep Blue 'Balfluttdelu' PP28,043
Pure White This stunning, pure-white addition is a unique color for the market. Self-cleaning and long-flowering. 'Balflutturite' PPAF

TOP SELLER **Rose Pink**
'Balfluttropi' PP27,809

'BUTTERFLY BLUE'

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

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

'PINK MIST'

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

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

SANTOLINA (LAVENDER COTTON)

Santolina africana

'NANA'

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

Finely divided, aromatic silver foliage and yellow button flowers.

SEDUM (STONECROP)

Sedum album

'ATHOUM'

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

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

'CORAL CARPET'

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

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

SEDUM (STONECROP)

Sedum dasyphyllum

'MAJOR'

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

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

SEDUM (STONECROP)

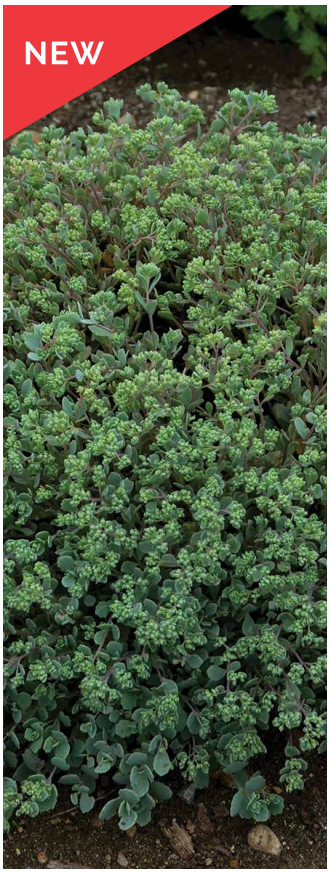
Sedum hakonense

'CHOCOLATE BALL'

Height: 2 to 3 in. (5 to 8 cm)
Bloom Months: June to September
USDA Hardiness Zones: 6a to 9b

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

Sedum 'Little Miss Sunshine'

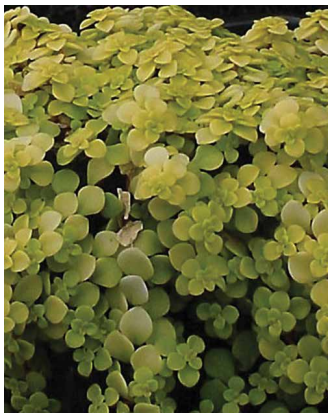


Sedum 'Steel The Show'

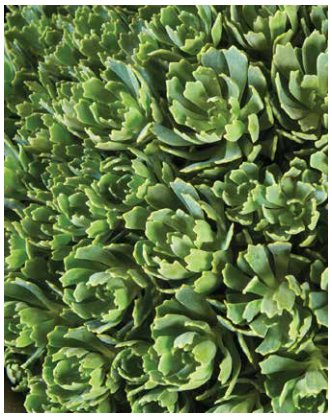
Sedum kamtschaticum

Sedum 'Variegatum'

Sedum 'Weihenstephaner Gold'



Sedum 'Ogon'



Sedum pachyclados

SEDUM (STONECROP)
Sedum

'LITTLE MISS SUNSHINE'

NEW FOR 2019
WALTERS GARDENS

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

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

'STEEL THE SHOW'

NEW FOR 2019
WALTERS GARDENS

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

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

SEDUM (STONECROP)
Sedum kamtschaticum

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

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

'VARIEGATUM'

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

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

'WEIHENSTEPHANER GOLD'

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

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

SEDUM (STONECROP)
Sedum makinoi

'OGON'

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

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

SEDUM (STONECROP)
Sedum pachyclados

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

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

Sedum 'Blue Spruce'

Sedum 'Angelina'

Sedum sexangulare

Sedum sieboldii

Sedum 'Autumn Fire'

Sedum 'Autumn Joy'

Sedum 'Pink Bomb'

Sedum 'Dragon's Blood'

Sedum 'Fuldaglut'

SEDUM
(STONECROP)
Sedum reflexum

'BLUE SPRUCE'

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

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

SEDUM
(STONECROP)
Sedum rupestre

'ANGELINA'

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

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

SEDUM
(STONECROP)
Sedum sexangulare

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

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

SEDUM
(STONECROP)
Sedum sieboldii

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

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

SEDUM
(STONECROP)
Sedum spectabile

'AUTUMN FIRE'

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

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

'AUTUMN JOY'

Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: Late Summer to Fall
USDA Hardiness Zones: 3a to 10b

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: 5a to 10b

Lovely pink flowers and uniform, compact, succulent foliage.

SEDUM
(STONECROP)
Sedum spurium

'DRAGON'S BLOOD'

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

Green leaves with red margins and deep red blooms in Summer. Foliage turns bright red in Fall.

'FULDAGLUT'

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

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

Sedum 'John Creech'

Sedum 'Tricolor'

Sedum 'Coral Reef'

Sedum 'Matrona'

Sedum 'Lemon Ball'

Sedum 'Vera Jameson'

Sempervivum 'Carmen'

Sempervivum 'Commander Hay'

Sempervivum 'Kalinda'

Sempervivum 'Red Beauty'

Sempervivum 'Royal Ruby'

Sempervivum 'Ruby Heart'

SEDUM (STONECROP)
Sedum spurium

'JOHN CREECH'

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

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: 3a to 9b

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

SEDUM (STONECROP)
Sedum tetractinum

'CORAL REEF'

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

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

SEDUM (STONECROP)
Sedum telephium maximum

'MATRONA'

Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: Late Summer to Fall
USDA Hardiness Zones: 3a to 9b

Attractive gray-green leaves edged in rose-pink complement delightful flowers that attract butterflies. Allow seed heads to remain standing for Winter interest. Excellent in the garden or landscape planting, and beautiful with Rudbeckia and Coneflowers.

SEDUM (STONECROP)
Sedum x hybrida

'LEMON BALL'

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

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

'VERA JAMESON'

Height: 10 to 16 in. (25 to 41 cm)
Bloom Months: August to September
USDA Hardiness Zones: 3a to 9b

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

SEMPERVIVUM (HENS & CHICKS)
Sempervivum

'CARMEN'

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

Emerald green succulent leaves with bright red tips.

'COMMANDER HAY'

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

Clumps of red and green rosettes.

'KALINDA'

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

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

'RED BEAUTY'

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

Dense rosettes are red in Summer and turn burgundy in cold weather. Color may vary from season to season. Produces clusters of light pink flowers in mid-Summer.

'ROYAL RUBY'

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

Forms dense mats of dark wine-red foliage.

'RUBY HEART'

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

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

Sempervivum 'Silverine'

Sempervivum 'Cobweb'

Sempervivum 'Sunset'

Silene 'Clifford Moor'

Solidago Little Lemon

Solidago 'Fireworks'

Stachys 'Helene Von Stein'

Stevia rebaudiana

Stachys 'Silver Carpet'

Stachys 'Hummelo'

Teucrium chamaedrys

SEMPERVIVUM (HENS & CHICKS)
Sempervivum

'SILVERINE'

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

Muted green foliage with red overtones.

SEMPERVIVUM (HENS & CHICKS)
Sempervivum arachnoideum

'COBWEB'

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

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

SEMPERVIVUM (HENS & CHICKS)
Sempervivum tectorum

'SUNSET'

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

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

SILENE (CAMPION)
Silene dioica

'CLIFFORD MOOR'

Height: 18 in. (46 cm)
Bloom Months: May to July
USDA Hardiness Zones: 5a to 8b

Variegated leaves with single pink flowers.

SOLIDAGO (GOLDENROD)
Solidago

LITTLE LEMON

PLANTHAVEN, INC.

Height: 12 to 18 in. (30 to 46 cm)
Bloom Months: July to September
USDA Hardiness Zones: 4a to 9b
'Dansolitlem' PP17,297

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

SOLIDAGO (GOLDENROD)
Solidago rugosa

'FIREWORKS'

Height: 36 to 48 in. (91 to 122 cm)
Bloom Months: July to September
USDA Hardiness Zones: 5a to 9b

Golden yellow flowers with wild, multi-branched panicles.

STACHYS (LAMB'S EAR)
Stachys byzantina

'HELENE VON STEIN'

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

- Clump-forming habit with big, broad leaves.
- Velvety-soft, greenish-silver foliage.
- Great for edging, border gardens and containers.

'SILVER CARPET'

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

Drought-tolerant, low-growing and spreading variety with soft and fuzzy, oval, gray-white leaves.

STACHYS (LAMB'S EAR)
Stachys monnieri

'HUMMELO'

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

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

STEVIA (STEVIA)
Stevia rebaudiana

Height: 18 to 30 in. (46 to 76 cm)
Bloom Months: None
USDA Hardiness Zones: 9a to 11

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

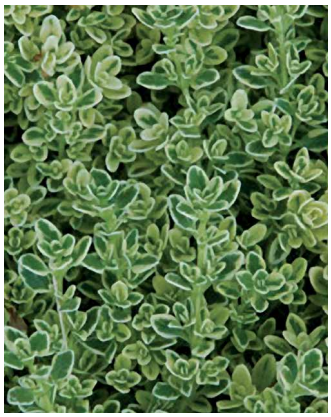
TEUCRIUM (GERMANDER)
Teucrium chamaedrys

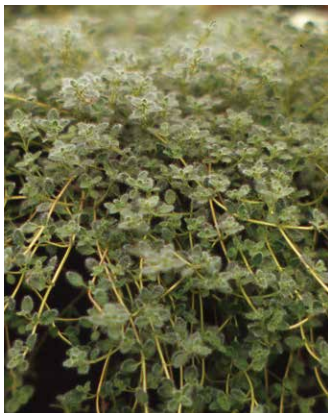
Height: 12 in. (30 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 9b

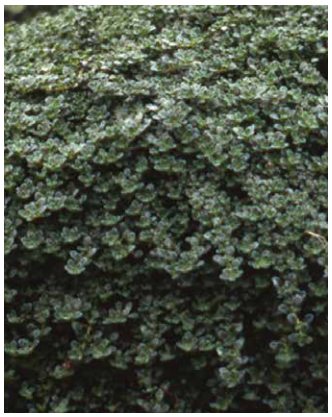
Evergreen sub-shrub with deep green leaves and rosy-purple flowers.

Thymus 'Albiflorus' Thyme

Thymus 'Coccineus' Creeping Thyme

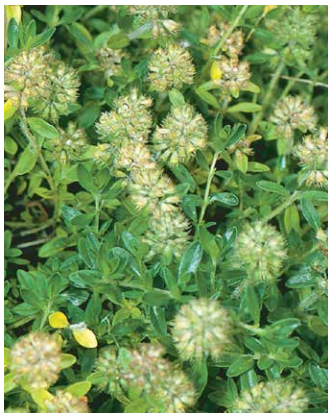

Thymus Highland Cream Thyme


Thymus 'Pseudolanuginosus' Woolly Thyme


Thymus 'Elfin' Thyme

Thymus 'Magic Carpet' Thyme

Thymus 'Pink Chintz' Thyme


Thymus English Thyme

THYMUS (THYME)
Thymus praecox

'ALBIFLORUS' THYME

Height: 2 in. (5 cm)
Bloom Months: None
USDA Hardiness Zones: 4a to 9b

Low-growing habit with green leaves and white flowers.

'COCCINEUS' CREEPING THYME

Height: 2 to 4 in. (5 to 10 cm)
Bloom Months: None
USDA Hardiness Zones: 5a to 9b

TOP SELLER Low-growing perennial with small, elliptical green leaves and fuchsia-red blooms in Summer.

HIGHLAND CREAM THYME

Height: 2 to 4 in. (5 to 10 cm)
Bloom Months: None
USDA Hardiness Zones: 3a to 8b
'Hartington Silver'

Also known as 'Hartington Silver'. Small green leaves with creamy white margins and tiny flowers of palest pink in late Spring.

'PSEUDOLANUGINOSUS' WOOLLY THYME

Height: 2 to 4 in. (5 to 10 cm)
Bloom Months: None
USDA Hardiness Zones: 5a to 9b

TOP SELLER Woolly creeper with gray foliage and white flowers; good for dry locations.

THYMUS (THYME)
Thymus serpyllum

'ELFIN' THYME

Height: 1 in. (3 cm)
Bloom Months: None
USDA Hardiness Zones: 4a to 9b

Tight, creeping groundcover with mats of tiny, dark green foliage and pink flowers in Summer.

'MAGIC CARPET' THYME

Height: 2 in. (5 cm)
Bloom Months: None
USDA Hardiness Zones: 4a to 9b

Tiny pink flowers float over mats of green, slightly hairy foliage.

'PINK CHINTZ' THYME

Height: 1 in. (3 cm)
Bloom Months: None
USDA Hardiness Zones: 4a to 9b

Mat-forming creeper with tiny green leaves and pink flowers.

THYMUS (THYME)
Thymus vulgaris

ENGLISH THYME

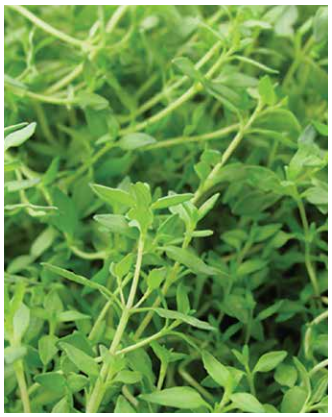
Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: None
USDA Hardiness Zones: 4a to 9b

TOP SELLER Popular culinary variety has rounded leaves, purple-pink flowers and a semi-creeping habit.

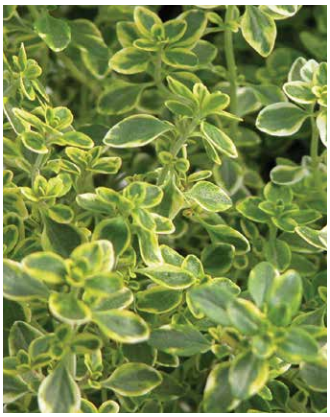
FRENCH THYME

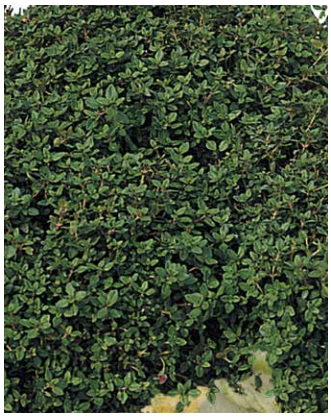
Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: None
USDA Hardiness Zones: 4a to 9b

Purple to white flowers with narrow, fragrant green leaves.


Thymus French Thyme

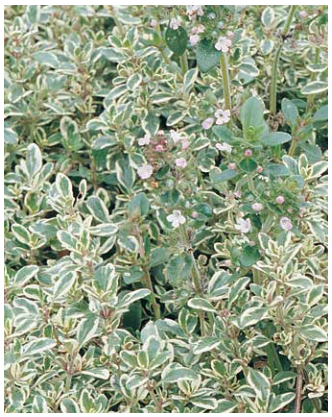
Thymus 'Doone Valley' Creeping Thyme


Thymus Golden Lemon Thyme


Thymus Lemon Thyme

© MasterTag

Thymus Orange Thyme


Thymus Silver Edged Thyme

Thymus 'Silver King' Thyme

© MasterTag

Thymus 'Spicy Orange' Thyme

Thymus 'Variegatus' Thyme

Verbena 'Lollipop'

© The John Henry Company

Verbena 'Homestead Purple'

THYMUS (THYME)

Thymus x citriodorus

'DOONE VALLEY' CREEPING THYME

Height: 1 to 2 in. (3 to 5 cm)
Bloom Months: June to July
USDA Hardiness Zones: 5a to 5b

Also known as Creeping Lemon Thyme. Purple flowers with lemon-scented, green and golden variegated foliage. Excellent for planting between stepping stones and rock gardens.

GOLDEN LEMON THYME

Height: 4 in. (10 cm)
Bloom Months: None
USDA Hardiness Zones: 6a to 9b

Pungently lemon-scented leaves are golden and variegated when grown in bright light.

LEMON THYME

Height: 8 in. (20 cm)
Bloom Months: None
USDA Hardiness Zones: 5a to 9b

Lemon-scented green leaves and lavender-pink flowers.

ORANGE THYME

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

Orange or citrus-scented green leaves and lavender-pink flowers.

SILVER EDGED THYME

Height: 4 in. (10 cm)
Bloom Months: None
USDA Hardiness Zones: 4a to 9b

Narrow green leaves with variable silver variegation, lavender-pink flowers and no lemon fragrance.

'SILVER KING' THYME

Height: 4 to 5 in. (10 to 13 cm)
Bloom Months: None
USDA Hardiness Zones: 7a to 9b

Lemon-scented, medium-green leaves are splashed with cream.

'SPICY ORANGE' THYME

Height: 2 to 4 in. (5 to 10 cm)
Bloom Months: None
USDA Hardiness Zones: 5a to 9b

Needle-like leaves with a spicy orange scent; soft lavender flowers in late Spring.

'VARIEGATUS' THYME

Height: 4 in. (10 cm)
Bloom Months: None
USDA Hardiness Zones: 5a to 9b

Lemon-scented green leaves with a thin, white-splashed margin and purple flowers.

VERBENA (VERVAIN)

Verbena bonariensis

'LOLLIPOP'

Height: 24 in. (61 cm)
Bloom Months: May to frost
USDA Hardiness Zones: 7a to 11

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

VERBENA (VERVAIN)

Verbena canadensis

'HOMESTEAD PURPLE'

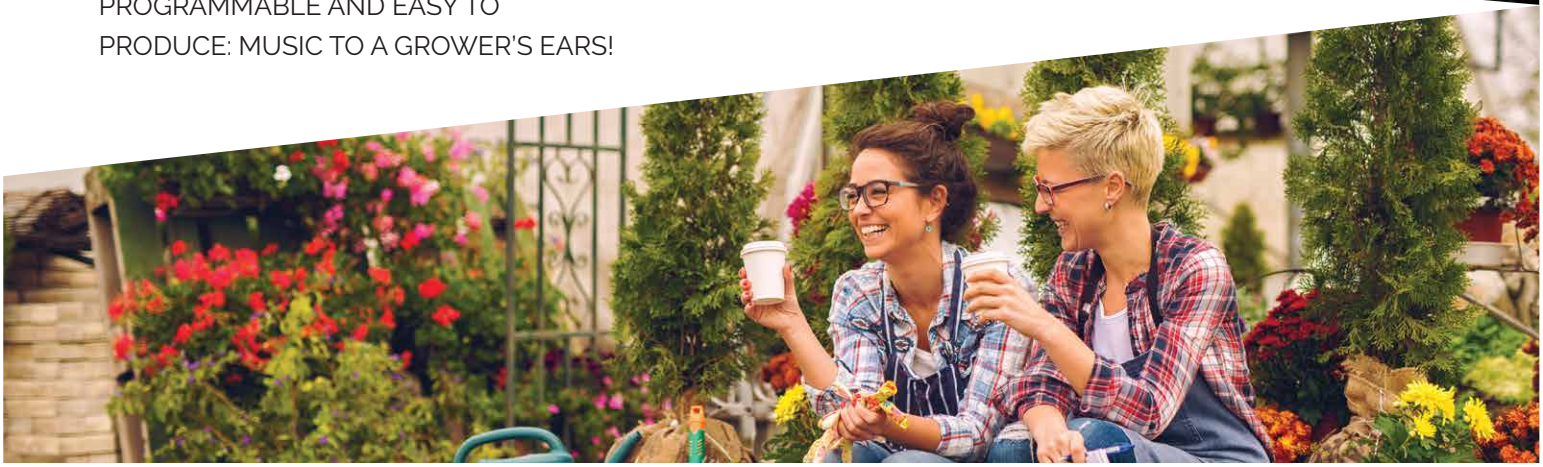
Height: 6 to 10 in. (15 to 25 cm)
Bloom Months: May to frost
USDA Hardiness Zones: 6a to 9b

Small, deep purple flowers on vigorous, mounded plants.

MOODY BLUES®

Veronica Moody Blues Sky Blue

PROGRAMMABLE AND EASY TO PRODUCE: MUSIC TO A GROWER'S EARS!



Veronica Moody Blues Dark Blue

Veronica Moody Blues Mauve

Veronica 'Perfectly Picasso'

Veronica 'Royal Rembrandt'

Veronica Moody Blues Pink

Veronica Moody Blues White

Veronica 'Very Van Gogh'

Veronica 'Blue Skywalker'

Veronica Moody Blues Sky Blue

VERONICA (SPIKE SPEEDWELL)
Veronica hybrida

MOODY BLUES® SERIES

DARWIN PERENNIALS

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

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.
- No vernalization is required.

Noted for superior performance by Colorado State University trial in 2015

TOP SELLER **Dark Blue** 'Novaverblu' PP26,602
Mauve 'Novavermau' PP26,621
Pink 'Novaverpin' PP25,748
Sky Blue 'Novaversky' PP27,835
White 'Novaverwhi'

VERONICA (SPEEDWELL)
Veronica longifolia

'PERFECTLY PICASSO'

WALTERS GARDENS

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

Paintbrush-like spikes produce white buds that open to medium pink flowers, creating a bicolor look. Attractive flowers cover the top half of the plant, showing off its healthy medium green leaves on a beautifully rounded habit.

'ROYAL REMBRANDT'

WALTERS GARDENS

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

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

'VERY VAN GOGH'

WALTERS GARDENS

Height: 18 to 20 in. (46 to 51 cm)
Bloom Months: Summer
USDA Hardiness Zones: 4a to 8b
PP27,428

A posh perennial with a unique color palette. Paintbrush-like, rosy purple flowers appear on well-branched scapes. Many secondary spikes extend the bloom time. Bright green, upright clumping foliage.

'BLUE SKYWALKER'

WALTERS GARDENS

Height: 28 to 30 in. (71 to 76 cm)
Bloom Months: Summer
USDA Hardiness Zones: 4a to 9b
PPAF

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

Veronica First Glory

Veronica First Kiss

Veronica First Lady

Veronica First Love

VERONICA (SPEEDWELL)
Veronica longifolia

FIRST GLORY

RENE VAN GAALEN, B.V.

Height: 16 to 22 in. (41 to 56 cm)
Bloom Months: Late Spring to Summer
USDA Hardiness Zones: 4a to 8b
'Alllord' PP23,294

- Compact, highly uniform plants.
- Short, thick spikes of deep blue flowers.
- Vernalization not required.

FIRST KISS

RENE VAN GAALEN, B.V.

Height: 22 to 24 in. (56 to 61 cm)
Bloom Months: Late Spring to Summer
USDA Hardiness Zones: 4a to 9b
'Allkiss' PP28,797

- Pretty pink addition to the First collection.
- Long flowering.
- Vernalization not required.

FIRST LADY

RENE VAN GAALEN, B.V.

Height: 16 to 22 in. (41 to 56 cm)
Bloom Months: Late Spring to Summer
USDA Hardiness Zones: 4a to 8b
'Alllady' PP23,271

- Compact plant habit.
- Sturdy, white flower spikes.
- Vernalization not required.

FIRST LOVE

RENE VAN GAALEN, B.V.

Height: 22 in. (56 cm)
Bloom Months: Late Spring to Summer
USDA Hardiness Zones: 4a to 9b
'Alllove' PP21,478

- Uniform, short spikes of brilliant pink flowers.
- Short and well-branched plants.
- Excellent flower canopy without vernalization.

FIRST MATCH

RENE VAN GAALEN, B.V.

Height: 22 to 24 in. (56 to 61 cm)
Bloom Months: Late Spring to Summer
USDA Hardiness Zones: 4a to 9b
'Allvglove' PP28,798

- Attractive dark pink addition to the First collection.
- Long flowering.
- Vernalization not required.

FIRST MEMORY

RENE VAN GAALEN, B.V.

Height: 22 to 24 in. (56 to 61 cm)
Bloom Months: Late Spring to Summer
USDA Hardiness Zones: 4a to 9b
'Allv1461' PPAF

- Nice, soft blue addition to the First collection.
- Long flowering.
- Vernalization not required.

Veronica First Match

Veronica First Memory

Veronica 'Forever Blue'

VERONICA
(SPEEDWELL)
Veronica longifolia

'FOREVER BLUE'

NEW FOR 2019
DARWIN PERENNIALS

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

No seed set for longer blooming.

- Striking Veronica produces continuous, deep blue flowers throughout Summer to Fall.
- Excellent branching.
- Rich, deep blue color.
- Mildew resistant.
- Larger than Moody Blues.

Veronica 'Lavender Lightsaber'

VERONICA (SPIKE SPEEDWELL)
Veronica

'LAVENDER LIGHTSABER'

NEW FOR 2019

WALTERS GARDENS

Height: 28 to 30 in. (71 to 76 cm)
Bloom Months: Summer
USDA Hardiness Zones: 4a to 9b
PPAF

A tall, columnar-shaped habit holds soft-lavender flowers.

'MONA LISA SMILE'

NEW FOR 2019

WALTERS GARDENS

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

Produces long, paintbrush-like spikes of rosy-purple flowers on a terrific, rounded habit.

Veronica 'Mona Lisa Smile'

VERONICA (SPEEDWELL)
Veronica austriaca

VENICE BLUE

DARWIN PERENNIALS

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: March to April
USDA Hardiness Zones: 4a to 9b
'Florverblue' PP27,555

- Easy-to-grow variety makes an excellent season extender!
- 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 (SPEEDWELL)
Veronica peduncularis

'GEORGIA BLUE'

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

Dense, gray-green, low-growing foliage has taller flowering stems covered with intense blue flowers.

Veronica Venice Blue

'WATERPERRY BLUE'

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

Spreading habit with light blue flowers and purple Winter foliage.

'WHITEWATER'

CHICAGOLAND GROWS, INC.

Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4a to 8b
PP22,783

Sport of 'Waterperry Blue' that produces bright white flowers on burgundy-green foliage.

VERONICA (CREEPING SPEEDWELL)
Veronica repens

'SUNSHINE'

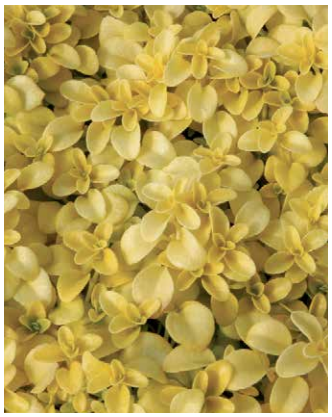
Height: 1 to 4 in. (3 to 10 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 8b

Groundcover type, creeping with white blooms on gold foliage.

Veronica 'Georgia Blue'

Veronica 'Waterperry Blue'

Veronica 'Whitewater'



Veronica 'Sunshine'

Veronica 'Giles Van Hees'

Veronica 'Red Fox'

Veronica Royal Candles

Veronica 'Sunny Border Blue'

DARWIN PERENNIALS

Veronica 'Purpleicious'

Vinca 'Bowles Cunningham'

Vinca 'Illumination'

© Image Botanica

VERONICA (SPEEDWELL)
Veronica spicata

'GILES VAN HEES'

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

Dwarf form with dark green foliage and short, bright pink flower spikes.

'RED FOX'

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

Produces rose-red spikes in Summer.

ROYAL CANDLES

PLANTHAVEN, INC.

Height: 15 to 18 in. (38 to 46 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4a to 8b
'Glory' PP18,932

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

'SUNNY BORDER BLUE'

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

Long display of vivid blue flower spikes atop dark green leaves.

VERONICA (SPEEDWELL)
Veronica x hybrida

'PURPLEICIOUS'

DARWIN PERENNIALS

Height: 16 to 20 in. (41 to 51 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5a to 8b
PP17,639

- Long-blooming variety with intense purple flowers and dark green foliage.
- Well-branched plants have a strong, tidy habit.
- Very healthy, disease-free cultivar.

VINCA (MYRTLE)
Vinca minor

'BOWLES CUNNINGHAM'

Height: 5 to 8 in. (13 to 20 cm)
Bloom Months: April to May
USDA Hardiness Zones: 3a to 9b

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

'ILLUMINATION'

PLANTHAVEN, INC.

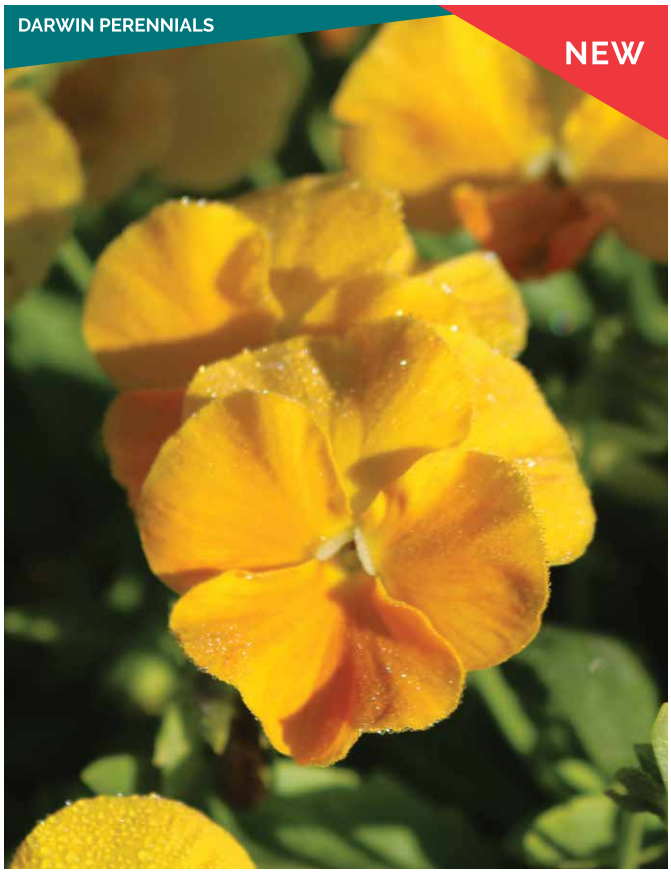
Height: 4 in. (10 cm)
Bloom Months: April to May
USDA Hardiness Zones: 4a to 9b
PP12,132

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

HALO

Viola Halo Series

GLORIOUS BLOOMS SEEM TO LAST AN ETERNITY – THROUGHOUT SUMMER AND BACK AGAIN IN SPRING.



Viola 'Halo Golden Yellow'

Viola 'Halo Lemon Frost'

Viola 'Halo Lilac'

Viola 'Halo Sky Blue'

Viola 'Halo Violet'

VIOLA
(VIOLET)
Viola cornuta

HALO SERIES

DARWIN PERENNIALS

Height: 8 to 10 in. (20 to 25 cm)
Bloom Months: February to April, September to October
USDA Hardiness Zones: 5a to 9b

Excellent hardiness for long-lasting garden enjoyment.

- Very heat-tolerant.
- No vernalization required.
- Oversummers and overwinters.
- Larger flowers than Celestial.

NEW **'Halo Golden Yellow'** An excellent rich, golden-yellow color addition to the series. PPAF
'Halo Lemon Frost' Extra-large, two-toned flowers captivate customers for early sales. PP26,383
'Halo Lilac' PP24,542; CPBR4837
'Halo Sky Blue' PP24,541; CPBR4838
'Halo Violet' PP24,428; CPBR4839

Viola Celestial Blue Moon

Viola Celestial Northern Lights

Viola Celestial Starry Night

Viola Celestial Twilight

Viola 'Etain'

VIOLA (VIOLET)
Viola cornuta

CELESTIAL™ SERIES

PLANTHAVEN, INC.

Height: 5 to 6 in. (13 to 15 cm)
Bloom Months: February to October
USDA Hardiness Zones: 5a to 10b

- Ever-blooming, early-Spring perennial in bright, rich colors.
- Oversummers and overwinters.
- Heat-tolerant, highly scented varieties bloom all Summer.
- No vernalization required.

Blue Moon 'SMEV1' PP19,882
Northern Lights 'SMEV4' PP24,591
Starry Night 'Lord Primrose' PP18,253
Twilight 'SMEV3' PP24,592

CELESTIAL is a U.S. trademark of PlantHaven, Inc.

'ETAIN'

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

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

VIOLA (VIOLET)
Viola pubescens

'REBECCA CAWTHORNE'

Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: Spring
USDA Hardiness Zones: 5a to 9b

Fragrant purple flowers splashed with white; sporadic reblooming.

WALDSTEINIA (BARREN STRAWBERRY)
Waldsteinia ternata

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

Dense mats of semi-evergreen, strawberry-like foliage with yellow flowers.

Viola 'Rebecca Cawthorne'

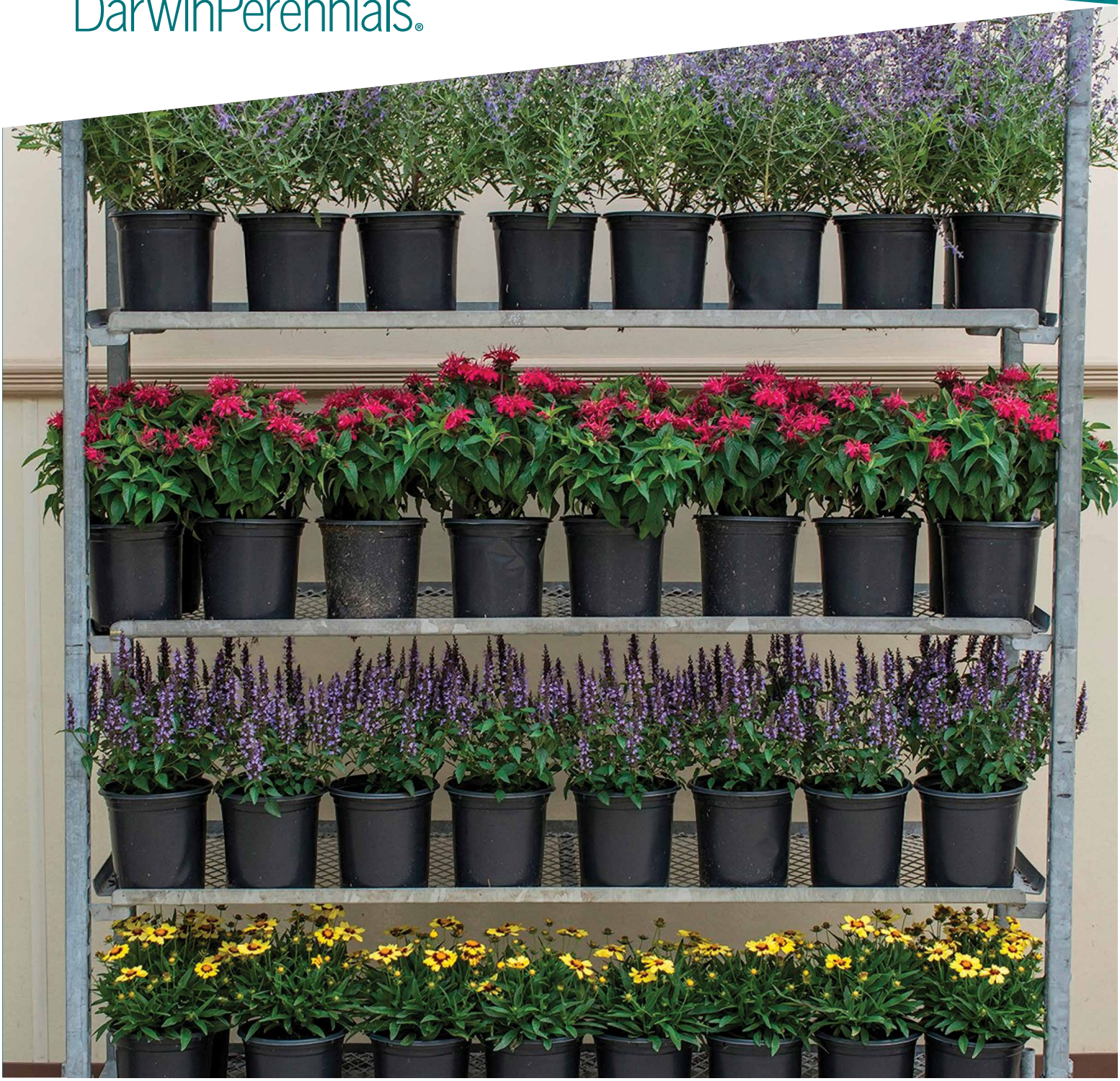
Waldsteinia ternata

CULTURE GUIDE: ALL YOU NEED TO GROW THE **FINEST PERENNIALS** IN THE INDUSTRY.

GROWER RESOURCES & FINISHING TRIALS

TOOLS FOR GROWING & SHIPPING BEST-QUALITY PLANTS

DarwinPerennials®



We are working to provide a quality product from start to finish – and offer solutions for your growing challenges. Resources like our finished culture research program at our facility in West Grove, PA, provide detailed schedules and finishing protocols for many of our Darwin Perennials. These schedules and trialing protocols help you bring thriving plants to retail - when you want them.

DARWIN PERENNIALS FINISHING GUIDE FOR FALL FLOWERING PERENNIALS IN NORTH AMERICA

GENUS	SPECIES	SERIES/ VARIETY	USDA HARDINESS ZONE	DARWIN PERENNIALS PLANNING FOR FALL FINISHING - WEEK 36				1 QT	1 GAL	2 GAL	3 GAL (FALL)
				STICK WEEK	LINER SIZE	TRANSPLANT WEEK	FINISH GROW WEEKS	PPP	PPP	PPP	PPP
Achillea	millifolium	**New Vintage™**	5-8	24	72	30	6	-	1	3	3
Agastache	rugosa	**Little Adder**	5-9	23	72	29	7	-	1	3	3
Coreopsis	hybrida	**UpTick™**	5-9	24	72	30	6	-	1	3	3
Caryopteris	clandonensis	**Grand Bleu®**	6-9	21	72	28	8	-	1	2	3
Echinacea	hybrida	**Sombrero®**	4-9	Available as liner only	72	25	11	-	1	3	3
Heuchera	hybrida	**Carnival**	4-9	Available as liner only	72	29	7	-	1	3	3
Helianthus	salicifolius	**Autumn Gold**	5-10	23	72	29	9*	-	1	3	3
Lavandula	angustifolia	**SuperBlue**	5-8	21	72	29	7	1	1	3	3
Penstemon	barbatus	**Rock Candy®**	6-8	21	72	29	7	1	1	3	3
Perovskia	atriplicifolia	**CrazyBlue**	4-9	24	72	29	7	-	1	3	3
Salvia	greggii	**Mirage™**	7-9	25	72	30	6	1	1	3	3
Salvia	nemorosa	**Marvel**	4-9	23	72	29	7	-	1	3	3
Salvia	nemorosa	**Lyrical™**	4-9	23	72	29	7	1	1	3	3
Veronica	hybrida	**Moody Blues®**	4-9	23	72	29	7	1	1	1	2

* Week 38 finish.

TRIALING PROGRAM GOALS

• Learn how Darwin Perennials varieties perform with varying transplant dates.
• Develop production protocols that will help growers deliver quality finished perennials to retailers, wholesalers and landscapers.
• Learn how we can use Darwin Perennials varieties to increase shoulder business sales.

TRIALS

• Includes 60+ varieties of Darwin Perennials plants.
• Added more than a dozen varieties to our trials this year.
• Also added a 4th flowering trial for Labor Day and beyond.

ADVANTAGES

• Learn how your growers can turn production space with Darwin Perennials varieties. This creates increased revenue and profit without investing in new production space.
• Retailers – increase color diversity to consumers.
• Landscapers – offer fresh color Spring, Summer and Fall.

Visit **www.darwinperennials.com/Culture** for a full, current listing and photos of all trialed varieties. You will also find compiled data from previous trials, additional culture and grower support information, as well as downloadable, easy-to-use scheduling tools.

NEW TO TRIALS:

Armeria Dreameria® 'Daydream'
Armeria Dreameria 'Sweet Dreams'
Dianthus Mountain Frost™ Pink Carpet
Dianthus Mountain Frost Pink PomPom
Dianthus Mountain Frost Pink Twinkle
Dianthus Mountain Frost Rose Bouquet
Dianthus Mountain Frost Silver Strike
Dianthus Mountain Frost White Twinkle
Leucanthemum 'White Magic'
Phlox 'Cherry Cream'
Salvia 'Rose Marvel'
Scabiosa Flutter™ Pure White

DARWIN PERENNIALS PROPAGATION GUIDE

PAGE		CROP	SERIES/VARIETY	MEDIA EC/PH	SOIL TEMPERATURE	ROOTING HORMONE	
13		**ACHILLEA** *Achillea hybrida*	Moon Dust	EC 1.0-1.25 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	
11,13		**ACHILLEA** *Achillea millefolium*	New Vintage™ Series, Song Siren™ Series	EC 1.0-1.25 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	
14		**AGASTACHE** *Agastache rugosa*	Little Adder	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
16		**ALYSSUM** *Alyssum wulfenianum*	Golden Spring	EC 0.80-1.0 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
19		**ARMERIA** *Armeria pseudarmeria*	Dreameria® Series	EC 0.8 mmhos/pH 5.8-6.2	70-74°F (21-23°C)	1,500-2,500 ppm IBA	
24		**CARYOPTERIS** *Caryopteris x clandonensis*	Grand Bleu®	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000-3,000 ppm IBA	
25		**COREOPSIS** *Coreopsis grandiflora*	Sunny Day	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	
26, 27, 28, *		**COREOPSIS** *Coreopsis hybrida*	Electric Sunshine, Golden Stardust, Super Star, UpTick™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	
30		**COREOPSIS** *Coreopsis hybrida*	Little Bird	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	
29, 31		**COREOPSIS** *Coreopsis verticillata*	Crème Caramel, Sylvester	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	
1		**DIANTHUS** *Dianthus hybrida*	Mountain Frost™ Collection	EC 0.8 mmhos/pH 5.8-6.2	68-70°F (20-21°C)	500 ppm IBA	
33		**DIGITALIS** *Digitalis hybrida*	Foxlight™ Series	EC 0.75-0.80 mmhos/pH 6.0-6.4	70-72°F (21-22°C)	1,000 ppm IBA basal dip	
34, 35		**ERYSIMUM** *Erysimum linifolium*	Bowles Me Away, Cheers™ Series	EC 0.8 mmhos/pH 5.8-6.2	68-70°F (20-21°C)	500 ppm IBA	
36		**EUPATORIUM** *Eupatorium dubium*	Little Joe	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	

* See DarwinPerennials.com

	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	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.
	Low	100 ppm N starting at Day 7	Not necessary.	42-45 days after sticking	Quite easy to propagate. Do not over-mist. Remove from mist after 10 to 12 days. Allow media to dry slightly between irrigations to encourage root development.
	Low to moderate	50-75 ppm N	Not necessary in liner stage.	35-42 days after sticking	Discontinue mist as quickly as possible once rooting occurs.
	Moderate	50-75 ppm N	Pinch once in the liner stage.	28-35 days after sticking	Begin fertilizing 7 days after stick. Avoid over-misting.
	Moderate	50-75 ppm N	Pinch once in the liner stage.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
	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.
	Low	50-75 ppm N	Pinch once in the liner stage and once after transplant for best results.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
	Very low	50 ppm N starting at Day 7	Pinch to remove any flower buds.	42-49 days after sticking	Dianthus require very low mist settings to root. Over-misting will result in slow rooting and high losses in propagation.
	Low to moderate	50-75 ppm N	Not typical in propagation.	42-49 days after sticking	Foxlight Digitalis root slowly with first roots showing 15 to 18 days after stick. However, it is best to discontinue mist prior to visible root, as they root more quickly when not over-misted and when media is allowed to dry slightly between waterings.
	Low	Begin feeding 50-75 ppm 10 days after sticking	Pinch 21-25 days after sticking.	42-49 days after sticking	Don't oversaturate media. Low mist levels work best.
	High for first few days, then reduce to moderate	50-100 ppm N	Recommended.	42-49 days after sticking	

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PAGE		CROP	SERIES/VARIETY	MEDIA EC/PH	SOIL TEMPERATURE	ROOTING HORMONE	
37		**EUPHORBIA** *Euphorbia amygdaloides*	Red Velvet	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	
39, 41		**GAURA** *Gaura lindheimeri*	Ballerina™ Series, Belleza® Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	68-73°F (20-23°C)	500 ppm IBA	
41, 42		**GAURA** *Gaura lindheimeri*	Little Janie, Whiskers Deep Rose	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
44		**HELENIUM** *Helenium autumnale*	Salud™	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	
45		**HELIANTHUS** *Helianthus salicifolius*	Autumn Gold	EC 0.8 mmhos/pH 5.8-6.2	70-74°F (21-23°C)	500 ppm IBA	
46-47		**HELIOPSIS** *Heliopsis helianthoides*	Double Sunstruck, Sunstruck	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	
6-7		**HEUCHERA** *Heuchera x hybrida*	Carnival Series	EC 0.80-1.0 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	
48		**IBERIS** *Iberis amara*	Summer Snowdrift	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
50		**IBERIS** *Iberis amara*	White Heat	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
49		**IBERIS** *Iberis gibraltarica*	Lavish	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
51		**IBERIS** *Iberis sempervirens*	Snowsation	EC 0.8 mmhos/pH 5.8-6.2	68-72°F (20-22°C)	300 ppm IBA	
54		**LAVANDULA** *Lavandula angustifolia*	SuperBlue	EC 0.75-0.80 mmhos/pH 5.9-6.2	70-72°F (21-22°C)	500 ppm IBA	
55, 56		**LAVANDULA** *Lavandula stoechas*	Anouk Series, Bright Luxurious, Luxurious	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
57		**LEUCANTHEMUM** *Leucanthemum x superbum*	Santé	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
58		**LEUCANTHEMUM** *Leucanthemum x superbum*	White Magic	EC 0.8 mmhos/pH 5.8-6.4	68-74°F (20-23°C)	500 ppm IBA	

	MIST	FERTILIZATION	PINCHING	TRANSPLANTING	COMMENTS
	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	50-75 ppm N when roots become visible	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
	Moderate	50-75 ppm N	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.	42-49 days after sticking	Pinch once in the liner stage.
	Low	Feed at 100 ppm N after 9 days	Pinch once shoots elongate for best branching.	35-42 days after sticking	Typically remove from propagation area after two weeks. Don't keep rooting media excessively wet. Use long-day lighting when propagating when day length is less than 12 hours.
	Low	50-75 ppm N when roots become visible	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation. Long day obligate plant. Must provide long days in propagation.
	Low to moderate	50-75 ppm N after 14 days	Not necessary.	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 active internodes.	28-35 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation. Cuttings typically arrive with flowers already induced due to cool night temperatures in Colombia. Non-induced cuttings require 6 weeks of night temperatures below 55°F (13°C) to flower.
	Low to moderate	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.
	Low to 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 to moderate	100 ppm N starting at Day 10	Yes, pinch after 4 weeks. Can be double pinched in the liner stage for even greater branching.	42-49 days after sticking depending on number of pinches	Iberis benefit from a basal IBA dip prior to sticking. Do not over-mist or high losses can occur.
	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.
	Low to moderate	75-100 ppm N starting at Day 7	Pinch while young plants are soft and actively growing.	35-42 days after sticking	Pinch any premature buds as they become visible.

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PAGE		CROP	SERIES/VARIETY	MEDIA EC/PH	SOIL TEMPERATURE	ROOTING HORMONE	
63		**MONARDA** *Monarda didyma*	Balmy™ Series	EC 1.0-1.25 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
64		**NEPETA** *Nepeta x faassenii*	Junior Walker™	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	
70-71		**PENSTEMON** *Penstemon barbatus*	Rock Candy® Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
67, 68, 69		**PENSTEMON** *Penstemon hybrida*	Cherry Sparks, Little Bells, Quartz® Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
73		**PENSTEMON** *Penstemon hybrida*	Mini-Bells™	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
68		**PENSTEMON** *Penstemon hybrida*	MissionBells™ Deep Rose	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
75, 76		**PEROVSKIA** *Perovskia atriplicifolia*	CrazyBlue, Little Lace	EC 1.0-1.25 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000-1,500 ppm IBA	
79, 80		**PHLOX** *Phlox paniculata*	Cherry Cream, Ka-Pow® Series	EC 0.8 mmhos/pH 5.8-6.2	68-74°F (20-23°C)	500 ppm IBA	
89		**SALVIA** *Salvia greggii*	Mirage™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
90		**SALVIA** *Salvia greggii*	Radio Red	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
89		**SALVIA** *Salvia greggii*	Suncrest, Suncrest Landscape	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
93		**SALVIA** *Salvia hybrida*	Arctic Blaze® Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
91		**SALVIA** *Salvia hybrida*	Blue by You	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	
95		**SALVIA** *Salvia nemorosa*	Blue Marvel	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	
97		**SALVIA** *Salvia nemorosa*	Lyrical™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	
*		**SALVIA** *Salvia nemorosa*	Rose Marvel, Sky Blue Marvel	EC 0.8 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA basal dip	

* See DarwinPerennials.com

	MIST	FERTILIZATION	PINCHING	TRANSPLANTING	COMMENTS
	Moderate	50-75 ppm N	Recommended.	28-35 days after sticking	Do not over-saturate rooting media. Use long-day lighting when day length is less than 12 hours to keep plants actively growing.
	Moderate	50-75 ppm N	Recommended.	35-42 days after sticking	Roots quickly. Plan to pinch in liner tray.
	Moderate to high for first 24 hours, then reduce to low	50-75 ppm N	Recommended.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70˚F (21˚C).
	Moderate to high for first 24 hours, then reduce to low	50-75 ppm N	Recommended.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70˚F (21˚C).
	Low to moderate	50-75 ppm N when roots become visible	Recommended	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media.
	Moderate to high for first 24 hours, then reduce to low	50-75 ppm N	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	Do not over-saturate rooting media. Allow media to dry moderately starting 10 days after sticking to encourage root development.
	Low to moderate	75-100 ppm N starting at Day 7	Yes, while young plants are soft and actively growing.	42-49 days after sticking	Plants grow more actively under long days. Use 13-hour extended day lighting for Winter propagation.
	Moderate	50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70˚F (21˚C).
	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.
	Low to moderate	50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Begin fertilizing 7 days after stick.
	Moderate	50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Roots quickly. Plan to pinch in liner tray.
	Low	50-75 ppm N at Day 7	A soft pinch will increase branching.	35-42 days after sticking	Discontinue mist as quickly as possible and only mist to avoid leaf wilt. Begin feeding 7 days after sticking with 50-75 ppm N.
	Low	50-75 ppm N at Day 7	A soft pinch will increase branching.	35-42 days after sticking	Discontinue mist as quickly as possible and only mist to avoid leaf wilt.
	Low	50-75 ppm N at Day 7	A soft pinch will increase branching.	35-42 days after sticking	Discontinue mist as quickly as possible and only mist to avoid leaf wilt. Begin feeding 7 days after sticking with 50-75 ppm N.
	Low	50-75 ppm starting at Day 7	A soft pinch will increase branching.	35-42 days after sticking	Over-misting and saturated propagation media will dramatically delay rooting and increase rooting losses. Discontinue mist as quickly as possible and only mist to avoid leaf wilt.

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PAGE		CROP	SERIES/VARIETY	MEDIA EC/PH	SOIL TEMPERATURE	ROOTING HORMONE	
99		**SCABIOSA** *Scabiosa columbaria*	Flutter™ Series	EC 0.8 mmhos/pH 5.8-6.2	70-72˚F (21-22˚C)	1,000 ppm IBA	
110		**VERONICA** *Veronica austriaca*	Venice Blue	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72˚F (21-22˚C)	500 ppm IBA	
107		**VERONICA** *Veronica hybrida*	Moody Blues® Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72˚F (21-22˚C)	500 ppm IBA	
109		**VERONICA** *Veronica longifolia*	Forever Blue	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72˚F (21-22˚C)	500 ppm IBA	
111		**VERONICA** *Veronica x hybrida*	Purpleicious	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72˚F (21-22˚C)	500 ppm IBA	
113		**VIOLA** *Viola cornuta*	Halo Series	EC 0.80-1.0 mmhos/pH 5.5-5.8	70-72˚F (21-22˚C)	500-750 ppm IBA	

	MIST	FERTILIZATION	PINCHING	TRANSPLANTING	COMMENTS
	Low to moderate	75-100 ppm N starting at Day 10	Typically not necessary. Remove premature flower buds as they appear.	42-49 days after sticking	Scabiosa cuttings are sensitive to over-misting and over-watering in propagation.
	Moderate	50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Roots quickly. Plan to pinch in liner tray.
	Moderate	50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Roots quickly. Plan to pinch in liner tray.
	Moderate	50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Roots quickly. Plan to pinch in liner tray.
	Moderate	50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Roots quickly. Plan to pinch in liner tray.
	Moderate for first 24-48 hours, then reduce to low	50-75 ppm N at Day 7	Soft pinch recommended 25-28 days after sticking.	35-42 days after sticking	Excessive media moisture will slow rooting. Begin fertilizing at Day 7 with 75 ppm N.

DARWIN PERENNIALS FINISHING GUIDE

PAGE		CROP	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT CANDLES	WATERING	FERTILIZATION
13		**ACHILLEA** *Achillea hybrida*	Moon Dust	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
10-11		**ACHILLEA** *Achillea millefolium*	New Vintage™ Series	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
12		**ACHILLEA** *Achillea millefolium*	Song Siren™ Series	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
14		**AGASTACHE** *Agastache rugosa*	Little Adder	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	Long day facultative	No	3,000 to 5,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
16		**ALYSSUM** *Alyssum wulfenianum*	Golden Spring	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	Day length neutral	Yes	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
19		**ARMERIA** *Armeria pseudarmeria*	Dreameria® Series	5.8-6.2	Nights: 55°F (13°C) Days: 68°F (20°C)	Day length neutral	No	3,000 to 5,000	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
24		**CARYOPTERIS** *Caryopteris x clandonensis*	Grand Bleu®	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
25		**COREOPSIS** *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)	Long day obligate	No	5,000 to 8,000	Allow media to dry evenly between watering.	Maintain constant fertilization at 150 to 200 ppm N.
26		**COREOPSIS** *Coreopsis hybrida*	Electric Sunshine	5.8-6.2	Nights: 55 to 65°F (13 to 17°C) Days: 60 to 80°F (15 to 27°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
27		**COREOPSIS** *Coreopsis hybrida*	Golden Stardust	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
30		**COREOPSIS** *Coreopsis hybrida*	Little Bird	5.8-6.2	Days: 55 to 80°F (13 to 27°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry evenly between watering.	Maintain constant fertilization at 150 to 200 ppm N.
28		**COREOPSIS** *Coreopsis hybrida*	Super Star	5.8-6.2	Nights: 55 to 65°F (13 to 17°C) Days: 60 to 80°F (15 to 27°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
*		**COREOPSIS** *Coreopsis hybrida*	UpTick™ Series	5.8-6.2	Nights: 55 to 65°F (13 to 17°C) Days: 60 to 80°F (15 to 27°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
29		**COREOPSIS** *Coreopsis verticillata*	Crème Caramel	5.8-6.2	Days: 55 to 80°F (13 to 27°C)	Long day obligate	Beneficial to enhance bulking and plant size.	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.

* See DarwinPerennials.com

PINCHING AFTER TRANSPLANT	PLANT GROWTH REGULATORS	PESTS AND FUNGAL DISEASES	CROP SCHEDULE & USES					
			1-QT.(10-CM)POT, 1 PLANT PER POT	1-GAL.(15-CM)POT, 1 PLANT PER POT	2 TO 3-GAL. (25 TO 30-CM) POT, 3 PLANTS PER POT	HEIGHT	USDA HARDINESS ZONES	BLOOM MONTHS
Recommended	PGRs generally not needed	Pythium and Rhizoctonia can result from overwatering.	Unrooted: 13-15 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	12-14 in. (30-36 cm)	5-8	June to July
Generally not required.	PGRs generally not needed	Pythium and Rhizoctonia can result from overwatering.	Unrooted: 13-15 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	12-14 in. (30-36 cm)	4-9	June to July
Generally not required.	PGRs generally not needed	Pythium and Rhizoctonia can result from overwatering.	Unrooted: 13-15 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	20-22 in. (51-56 cm)	4-9	June to July
Recommended	PGRs generally not needed	Thrips, white fly	Not recommended	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	15-18 in. (38-46 cm)	5-9	June to September
Recommended	PGRs generally not needed	None noted	Unrooted: stick week 30-35 Rooted: plant week 35-40	Unrooted: stick week 26-32 Rooted: plant week 31-36	Unrooted: stick week 22-26 Rooted: plant week 27-31	6-8 in. (15-20 cm)	4-9	April to May
None	PGRs generally not needed	Watch for crown rot if overwatered.	Liner 10-12 wks	Liner 14-16 wks	Liner 16-18 wks	10-12 in. (25-30 cm)	6-9	March to October
None	PGRs generally not needed	Spider mites	Not recommended	Rooted: 12 to 14 wks	Rooted: 14 wks	48 in. (122 cm)	6-9	August to October
Recommended	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. (46-61 cm)	4-9	June to September
Yes, as needed	PGRs generally not needed	Spider mites, Thrips	Not recommended	Rooted: 8-10 wks	Rooted: 10-12 wks	18-24 in. (46-61 cm)	8-9	April to November
Yes	PGRs are generally not needed	Spider mites, Thrips	Rooted: 7-8 wks	Rooted: 10-12 wks	Rooted: 12-14 wks	12-14 in. (30-36 cm)	5-9	March to November
Recommended	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. (30-36 cm)	5-9	June to September
Yes	PGRs generally not needed	Spider mites, Thrips	Not recommended	Rooted: 10-12 wks	Rooted: 12-14 wks	14-16 in. (36-41 cm)	5-9	March to November
Yes	PGRs generally not needed	Spider mites, Thrips	Not recommended	Rooted: 10-12 wks	Rooted: 12-14 wks	12-14 in. (30-36 cm)	5-9	March to November
Recommended	PGRs generally not needed	Powdery mildew, aphids	Not recommended	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	18 in. (46 cm)	5-9	May to July

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PAGE		CROP	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT CANDLES	WATERING	FERTILIZATION
31		**COREOPSIS** *Coreopsis verticillata*	Sylvester	5.8-6.2	Days: 55 to 80°F (13 to 27°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry evenly between watering.	Maintain constant fertilization at 150 to 200 ppm N.
1		**DIANTHUS** *Dianthus hybrida*	Mountain Frost™ Pink Carpet, Pink PomPom, Pink Twinkle	5.8-6.2	45-60°F (7-16°C)	Day length neutral	Beneficial for an increased quantity of Spring blooms.	3,000 to 5,000	Low to moderate	Use a balanced fertilizer at a rate of 125 to 150 ppm N.
1		**DIANTHUS** *Dianthus hybrida*	Mountain Frost™ Rose Bouquet	5.8-6.2	45-60°F (7-16°C)	Day length neutral	Beneficial for an increased quantity of Spring blooms.	3,000 to 5,000	Low to moderate	Use a balanced fertilizer at a rate of 125 to 150 ppm N.
1		**DIANTHUS** *Dianthus hybrida*	Mountain Frost™ Silver Strike	5.8-6.2	45-60°F (7-16°C)	Day length neutral	Beneficial for an increased quantity of Spring blooms.	3,000 to 5,000	Low to moderate	Use a balanced fertilizer at a rate of 125 to 150 ppm N.
1		**DIANTHUS** *Dianthus hybrida*	Mountain Frost™ White Twinkle	5.8-6.2	45-60°F (7-16°C)	Day length neutral	Beneficial for an increased quantity of Spring blooms.	3,000 to 5,000	Low to moderate	Use a balanced fertilizer at a rate of 125 to 150 ppm N.
33		**DIGITALIS** *Digitalis hybrida*	Foxlight™ Series	5.8-6.2	Nights: 55 to 60°F (13 to 16°C) Days: 60 to 65°F (16 to 18°C)	Long day facultative	Beneficial; needed for early flowering. Not needed for Summer flowering.	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
4-5		**ECHINACEA** *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)	Long day obligate	No	3,500 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
2-3		**ECHINACEA** *Echinacea x hybrida*	Sombrero®	5.8-6.2	60 to 68°F (16 to 20°C)	Long day obligate	No	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
34		**ERYSIMUM** *Erysimum linifolium*	Bowles Me Away	5.8-6.2	50 to 60°F (10 to 16°C)	Day length neutral	No	3,000 to 5,000	Low to moderate	150 to 175 ppm N.
35		**ERYSIMUM** *Erysimum linifolium*	Cheers™ Series	5.8-6.2	50 to 60°F (10 to 16°C)	Day length neutral	No	3,000 to 5,000	Low to moderate	150 to 175 ppm N.
36		**EUPATORIUM** *Eupatorium dubium*	Little Joe	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry moderately between watering. Prefers moist soils.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
37		**EUPHORBIA** *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)	Short day obligate	Beneficial; aids bulking.	3,000 to 5,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.
39, 41		**GAURA** *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)	Day length neutral	No	5,000 to 9,000	Allow media to dry slightly between watering.	Maintain constant fertilization at 175 to 225 ppm N.

PINCHING AFTER TRANSPLANT	PLANT GROWTH REGULATORS	PESTS AND FUNGAL DISEASES	CROP SCHEDULE & USES					
			1-QT.(10-CM)POT, 1 PLANT PER POT	1-GAL.(15-CM)POT, 1 PLANT PER POT	2 TO 3-GAL. (25 TO 30-CM) POT, 3 PLANTS PER POT	HEIGHT	USDA HARDINESS ZONES	BLOOM MONTHS
Recommended	PGRs generally not needed	Manage soil moisture to avoid root diseases.	Unrooted: 13-15 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	16-20 in. (41-51 cm)	4-9	June to September
None	Not necessary	Not particularly sensitive	18-20 wks, including 6 wks below 50°F (10°C)	18-20 wks, including 6 wks below 50°F (10°C)	Not recommended	10-12 in. (25-30 cm)	5-9	March to October
None	Not necessary	Not particularly sensitive	18-20 wks, including 6 wks below 50°F (10°C)	18-20 wks, including 6 wks below 50°F (10°C)	Not recommended	10-12 in. (25-30 cm)	5-9	March to October
None	Not necessary	Not particularly sensitive	18-20 wks, including 6 wks below 50°F (10°C)	18-20 wks, including 6 wks below 50°F (10°C)	Not recommended	8-10 in. (20-25 cm)	5-9	March to October
None	Not necessary	Not particularly sensitive	18-20 wks, including 6 wks below 50°F (10°C)	18-20 wks, including 6 wks below 50°F (10°C)	Not recommended	5-6 in. (13-15 cm)	5-9	March to October
Recommended	PGRs generally not needed	Aphids, white fly, spider mites	Not recommended	12-14 wks	12-14 wks	22-24 in. (56-61 cm)	7-10	April to September; Natural season flowering
None	None	None noted	14-16 wks Spring plant 11-13 wks Summer plant for Fall	14-16 wks Spring plant 11-13 wks Summer plant for Fall	14-16 wks Spring plant 11-13 wks Summer plant for Fall	22-24 in. (56-61 cm)	4-9	June to August
Only to remove premature flower buds.	Not recommended. 300 ppm Configure 2 weeks after transplant when greenhouse grown will reduce overall plant height.	Not particularly sensitive. Use well-drained media.	Not recommended	10-12 wks	12-14 wks	18-20 in. (46-51 cm)	4-9	June to August
Yes, a second pinch is often beneficial.	Sumagic 5-10 ppm spray	Watch for bacterial infections.	6-8 wks	10-12 wks	12-14 wks	18-24 in. (46-61 cm)	6-8	March to September
Yes, a second pinch is often beneficial	Sumagic 5-10 ppm spray	Watch for bacterial infections.	6-8 wks	10-12 wks	12-14 wks	18-22 in. (46-56 cm)	7-10	March to September
Recommended	Concise/ Sumagic 30-60 ppm spray	None noted	Not recommended	Rooted: 20 wks	Rooted: 20 wks	36-48 in. (91-122 cm)	3-9	August to September
Recommended	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. (46-51 cm)	6-10	March to May
Recommended	PGRs generally not needed	Pythium, Rhizoctonia, Botrytis	Unrooted: 10-13 wks Rooted: 7-10 wks	Unrooted: 12-15 wks, 2-3 ppp Rooted: 9-12 wks, 2-3 ppp	Unrooted: 14-16 wks, 3-5 ppp Rooted: 11-13 wks, 3-5 ppp	12-18 in. (30-46 cm)	6-9	Ballerina: April to September Belleza: May to September

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PAGE		CROP	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT CANDLES	WATERING	FERTILIZATION
41, 42		**GAURA** *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)	Day length neutral	No	3,000 to 5,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
44		**HELENIUM** *Helenium autumnale*	Salud™ Series	5.8-6.2	Nights: 55 to 65°F (13 to 17°C) Days: 60 to 80°F (15 to 27°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
45		**HELIANTHUS** *Helianthus salicifolius*	Autumn Gold	5.8-6.2	55 to 70°F (13 to 21°C)	Short day obligate	No	5,000 to 8,000	Low to moderate.	Use a balanced fertilizer at a rate of 150 ppm N.
46, 47		**HELIOPSIS** *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)	Long day obligate	Beneficial; aids in bulking.	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm.
6-7		**HEUCHERA** *Heuchera x hybrida*	Carnival Series	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	Day length neutral	No	1,500 to 2,500	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.
48		**IBERIS** *Iberis amara*	Summer Snowdrift	5.8-6.2	Nights: 45 to 55°F (7 to 13°C) Days: 55 to 65°F (13 to 18°C)	Day length neutral	Cuttings supplied from Darwin Colombia receive enough cold to induce flowering; growers do not need to vernalize.	3,000 to 5,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
50		**IBERIS** *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)	Day length neutral	No	3,000 to 5,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
49		**IBERIS** *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)	Day length neutral	Yes	3,000 to 5,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
51		**IBERIS** *Iberis sempervirens*	Snowsation	5.8-6.2	45-60°F (7-16°C)	Day length neutral	Yes	3,000 to 5,000	Low to moderate.	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
54		**LAVANDULA** *Lavandula angustifolia*	SuperBlue	5.9-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
55-56		**LAVANDULA** *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)	Day length neutral	Beneficial for earlier flowering and more blooms.	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.
57		**LEUCANTHEMUM** *Leucanthemum x superbum*	Santé	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	Long day obligate	Beneficial for bulking and earlier flowering	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
58		**LEUCANTHEMUM** *Leucanthemum x superbum*	White Magic	5.8-6.2	55 to 65°F (13 to 18°C)	Long day facultative	No	5,000 to 8,000	Moderate. More required when in flower.	Use a balanced fertilizer at a rate of 150 to 200 ppm N.

PINCHING AFTER TRANSPLANT	PLANT GROWTH REGULATORS	PESTS AND FUNGAL DISEASES	CROP SCHEDULE & USES					
			1-QT.(10-CM)POT, 1 PLANT PER POT	1-GAL.(15-CM)POT, 1 PLANT PER POT	2 TO 3-GAL. (25 TO 30-CM) POT, 3 PLANTS PER POT	HEIGHT	USDA HARDINESS ZONES	BLOOM MONTHS
Recommended	PGRs generally not needed	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. (41-46 cm) Whiskers Deep Rose: 14-16 in. (36-41 cm)	6-9	April to September
Yes	PGRs generally not needed	Spider mites, Thrips	Not recommended	Rooted: 10-12 wks	Rooted: 10-12 wks	14-16 in. (36-41 cm)	4-9	July to September
Typically not necessary if plants were pinched in the liner.	Typically not necessary	Very pest and disease resistant.	Not recommended	12-14 wks. Plant Week 22-26	12-14 wks. Plant Week 22-26	24-26 in. (61-66 cm)	5-10	September to November
Recommended	PGRs generally not needed	Pythium and Rhizoctonia can result from overwatering. Thrips, white fly, aphids	Unrooted: 14-16 wks Rooted: 8-10 wks	Unrooted: 16-19 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	14-16 in. (36-41 cm)	4-9	Double Sunstruck: May to July Sunstruck: June to August
None	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)	4-9	April to May
Recommended	PGRs generally not needed	May experience root rot diseases under poor growing conditions. Aphids	Unrooted: 10-14 wks Rooted: 8-10 wks	Unrooted: 16-18 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	10-12 in. (25-30 cm)	6-9	April to September
Recommended	PGRs generally not needed	May experience root rot diseases under poor growing conditions. Aphids	Unrooted: 10-14 wks Rooted: 8-10 wks	Unrooted: 16-18 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	8-10 in. (20-25 cm)	7-10	March to August
Recommended	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)	6-9	April to August
Only if pinching not done in the liner stage.	Not typically needed	Not particularly sensitive.	24 wks; requires vernalization	24 wks; requires vernalization	Not recommended	6-8 in. (15-20 cm)	4-9	March to April
Once for smaller pot sizes, twice for larger containers	PGRs generally not needed	Thielaviopsis, Pythium and Rhizoctonia can result from overwatering. Thrips, white fly, aphids, fungus gnats	Unrooted: 14-16 wks Rooted: 7-8 wks	Unrooted: 16-19 wks Rooted: 9-11 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	10-12 in. (25-30 cm)	5-8	June to August
Recommended	PGRs generally not needed	Thielaviopsis, Pythium and Rhizoctonia can result from overwatering. Thrips, white fly, aphids, fungus gnats	7-10 wks	9-11 wks, 1-3 ppp	10-12 wks, 3-5 ppp	14-18 in. (36-46 cm)	6-9	Anouk: March to September Bright Luxurious, Luxurious: March to July
Recommended	PGRs generally not needed	Watch for leaf spots when growing in wet conditions.	Not recommended	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	22-26 in. (56-66 cm)	4-9	June to August
Generally not necessary.	B-Nine/Cycocel at 1,800/800 will reduce plant height	Watch for Aphids when in bud.	Not recommended	8-10 wks from rooted liner	10-12 wks from rooted liner	20-24 in. (51-61 cm)	5-9	May to August

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8		**MISCANTHUS** *Miscanthus sinensis*	Bandwidth	5.8-6.5	65 to 75°F (18 to 24°C)	Long day facultative	No	5,000 to 8,000	Low to moderate	Low
8		**MISCANTHUS** *Miscanthus sinensis*	My Fair Maiden	5.8-6.5	65 to 75°F (18 to 24°C)	Short day obligate	No	5,000 to 8,000	Low to moderate	Low
63		**MONARDA** *Monarda didyma*	Balmy™ Series	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	Long day obligate	Beneficial; aids in bulking and early flowering.	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
64		**NEPETA** *Nepeta x faassenii*	Junior Walker™	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
70-71		**PENSTEMON** *Penstemon barbatus*	Rock Candy® Series	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Long day facultative	No	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
68		**PENSTEMON** *Penstemon hybrida*	Cherry Sparks	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Long day facultative	No	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
67, 73		**PENSTEMON** *Penstemon hybrida*	Little Bells, Mini-Bells™ Series	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Long day obligate	No	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
68		**PENSTEMON** *Penstemon 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)	Long day obligate	No	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
69		**PENSTEMON** *Penstemon hybrida*	Quartz® Series	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Long day obligate	No	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
75, 76		**PEROVSKIA** *Perovskia atriplicifolia*	CrazyBlue, Little Lace	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
80		**PHLOX** *Phlox paniculata*	Cherry Cream	5.8-6.2	60 to 75°F (16 to 24°C)	Long day obligate	No	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 200 ppm N.
79		**PHLOX** *Phlox paniculata*	Ka-Pow® Series	5.8-6.2	60 to 75°F (16 to 24°C)	Long day obligate	No	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 200 ppm N.
89		**SALVIA** *Salvia greggii*	Mirage™ Series	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Day length neutral	No	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
90		**SALVIA** *Salvia greggii*	Radio Red	5.8-6.2	Nights: 45 to 70°F (7 to 21°C) Days: 55 to 80°F (13 to 27°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.

PINCHING AFTER TRANSPLANT	PLANT GROWTH REGULATORS	PESTS AND FUNGAL DISEASES	CROP SCHEDULE & USES					
			1-QT.(10-CM)POT, 1 PLANT PER POT	1-GAL.(15-CM)POT, 1 PLANT PER POT	2 TO 3-GAL. (25 TO 30-CM) POT, 3 PLANTS PER POT	HEIGHT	USDA HARDINESS ZONES	BLOOM MONTHS
No	None	Rust resistant	8-10 wks	14-16 wks	20-24 wks, 1 plant per pot	30-36 in. (76-91 cm)	5-9	October to November
No	None required	Rust resistant	Not recommended	16-18 wks	24-26 wks, 1 ppp	72-102 in. (183-259 cm)	5-9	October to November
Recommended	PGRs generally not needed	Powdery mildew may be present if grown under poor air circulation and high humidity. White fly, spider mites	Unrooted: 12-14 wks Rooted: 8-10 wks	Unrooted: 14-16 wks Rooted: 10-12 wks	Unrooted: 14-16 wks Rooted: 12-14 wks	10-12 in. (25-30 cm)	4-9	June to July
Recommended	PGRs generally not needed	White fly	Unrooted: 10-14 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	18 in. (46 cm)	5-8	May to September
Yes	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)	6-8	June to September
Yes	PGRs generally not needed	White fly, spider mites	Not recommended	Rooted: 10-12 wks	Rooted: 12-14 wks	18-20 in. (46-51 cm)	5-9	May to August
Yes	PGRs generally not needed	Aphids, spider mites	Unrooted: 10-14 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	16-18 in. (41-46 cm)	Little Bells: 6-9 Mini Bells: 7-9	June to August
Yes	PGRs generally not needed	White fly, spider mites	Not recommended	Rooted: 10-12 wks	Rooted: 12-14 wks	20-24 in. (51-61 cm)	5-9	June to August
Yes	PGRs generally not needed	Spider mites	Not recommended	Unrooted: 19-22 wks Rooted: 12-14 wks	Unrooted: 21-23 wks Rooted: 14-16 wks	20-24 in. (51-61 cm)	6-9	July to August
Recommended	PGRs generally not needed	Pythium can be a problem if overwatered. White fly, spider mites	Not recommended	Unrooted: 14-16 wks Rooted: 10-12 wks	Unrooted: 14-16 wks Rooted: 10-12 wks	16-18 in. (41-46 cm)	4-9	CrazyBlue: July to August Little Lace: July to September
Yes, in cases where there are two or less shoots.	Configure at 600 ppm to increase branching.	Powdery Mildew when pressure is high.	Not recommended	Rooted: 10-12 wks	Rooted: 12-14 wks, 3 ppp	22-26 in. (56-66 cm)	4-9	June to August
Yes, in cases where there are two or less shoots.	Configure at 600 ppm to increase branching.	Powdery Mildew when pressure is high.	Not recommended	Rooted: 10-12 wks	Rooted: 12-14 wks	16-18 in. (41-46 cm)	4-9	June to August
Yes	Generally not needed	Whitefly, thrips	Rooted: 6-8 wks	Rooted: 8-10 wks	Rooted: 12-14 wks	12-14 in. (30-36 cm)	7-9	March to September
Once for smaller pot sizes, twice for larger containers.	PGRs generally not needed	White fly, spider mites	Unrooted: 12-14 wks Rooted: 8-10 wks	Unrooted: 14-16 wks Rooted: 10-12 wks	Unrooted: 16-18 wks Rooted: 12-14 wks	16-18 in. (41-46 cm)	7-10	March to September

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PAGE		CROP	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT CANDLES	WATERING	FERTILIZATION
89		**SALVIA** *Salvia greggii*	Suncrest, Suncrest Landscape	5.8-6.2	Nights: 45 to 70°F (7 to 21°C) Days: 55 to 80°F (13 to 27°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
93		**SALVIA** *Salvia hybrida*	Arctic Blaze® Series	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm.
91		**SALVIA** *Salvia hybrida*	Blue by You	5.8-6.2	Nights: 45 to 55°F (7 to 13°C) Days: 55 to 65°F (13 to 18°C)	Day length neutral	Beneficial; aids in bulking. Not required for flowering.	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 150 to 200 ppm.
95		**SALVIA** *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)	Day length neutral	Beneficial; aids in bulking. Not required for flowering.	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
97		**SALVIA** *Salvia nemorosa*	Lyrical™ Series	5.8-6.2	Nights: 45 to 55°F (7 to 13°C) Days: 55 to 65°F (13 to 18°C)	Day length neutral	Beneficial; aids in bulking. Not required for flowering.	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 150 to 200 ppm.
*		**SALVIA** *Salvia nemorosa*	Rose Marvel, Sky Blue Marvel	5.8-6.2	55 to 65°F (13 to 18°C)	Day length neutral	Beneficial for bulking but not required for flowering.	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 175 to 200 ppm N.
99		**SCABIOSA** *Scabiosa columbaria*	Flutter™ Series	5.5-6.2	55 to 65°F (13 to 18°C)	Day length neutral	No	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
110		**VERONICA** *Veronica austriaca*	Venice Blue	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	Day length neutral	Yes	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
107		**VERONICA** *Veronica hybrida*	Moody Blues® Series	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 70°F (16 to 20°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
109		**VERONICA** *Veronica longifolia*	Forever Blue	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 70°F (16 to 20°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
111		**VERONICA** *Veronica x hybrida*	Purpleicious	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	Long day obligate	Beneficial for bulking and earlier flowering.	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
113		**VIOLA** *Viola cornuta*	Halo Series	5.5-5.8	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced Pansy/Viola fertilizer at a rate of 125 to 150 ppm.

* See DarwinPerennials.com

PINCHING AFTER TRANSPLANT	PLANT GROWTH REGULATORS	PESTS AND FUNGAL DISEASES	CROP SCHEDULE & USES					
			1-QT.(10-CM)POT, 1 PLANT PER POT	1-GAL.(15-CM)POT, 1 PLANT PER POT	2 TO 3-GAL. (25 TO 30-CM) POT, 3 PLANTS PER POT	HEIGHT	USDA HARDINESS ZONES	BLOOM MONTHS
Once for smaller pot sizes, twice for larger containers.	PGRs generally not needed	White fly, spider mites	Unrooted: 12-14 wks Rooted: 8-10 wks	Unrooted: 14-16 wks Rooted: 10-12 wks	Unrooted: 16-18 wks Rooted: 12-14 wks	Suncrest: 16-24 in. (41-61 cm) Suncrest Landscape: 24-36 in. (61-91 cm)	7-11	March to October
Yes	PGRs generally not needed	Thrips	Not recommended	Unrooted: 14-16 wks Rooted: 10-12 wks	Unrooted: 16-18 wks Rooted: 12-14 wks	24 in. (61 cm)	6-11	March to September
Yes	PGRs generally not needed	White fly, spider mites, Botrytis	Unrooted: 13-15 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 17-19 wks Rooted: 12-14 wks	20-22 in. (51-56 cm)	4-9	March to September
None	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)	4-9	March to September
Yes	PGRs generally not needed	White fly, spider mites, Botrytis	Unrooted: 13-15 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 17-19 wks Rooted: 12-14 wks	22-24 in. (56-61 cm)	4-9	March to September
Generally not required	Will respond to 300 ppm Configure spray at young plant level.	Spider mites	Not recommended	10-12 wks	12-14 wks	Rose Marvel: 10-12 in. (25-30 cm) Sky Blue Marvel: 14-16 in. (36-41 cm)	4-9	March to September
Typically not necessary	Typically not necessary	Very disease resistant. Watch for root and crown rot under poor growing conditions.	Not recommended	Rooted: 10-12 wks	Rooted: 10-12 wks	12-14 in. (30-36 cm)	5-9	March to September
Yes	PGRs generally not needed	Aphids	Unrooted: Plant by week 40 (North), week 45 (South) Rooted: Stick by week 35 (North), week 40 (South)	Unrooted: Plant by week 35 (North), week 40 (South) Rooted: Stick by week 30 (North), week 35 (South)	Unrooted: Plant by week 32 (North), week 37 (South) Rooted: Stick by week 28 (North), week 32 (South)	10-12 in. (25-30 cm)	4-9	March to April
Yes	PGRs generally not needed	Aphids, white fly	Unrooted: 10-14 wks Rooted: 8-10 wks	Unrooted: 14-16 wks Rooted: 10-12 wks	Unrooted: 16-18 wks Rooted: 12-14 wks	12-14 in. (30-36 cm)	4-9	June to October
Yes	PGRs generally not needed	Aphids, white fly	No recommended	Unrooted: 14-16 wks Rooted: 10-12 wks	Unrooted: 16-18 wks Rooted: 12-14 wks	16-18 in. (41-46 cm)	5-9	June to October
Yes	PGRs generally not needed	Aphids, white fly	Not recommended	Unrooted: Plant by week 35 (North), week 40 (South) Rooted: Stick by week 30 (North), week 35 (South)	Unrooted: Plant by week 32 (North), week 37 (South) Rooted: Stick by week 28 (North), week 32 (South)	16-20 in. (41-51 cm)	5-8	June to August
Recommended	PGRs generally not needed	Watch for Thielaviopsis, Pythium, white fly, spider mites	Unrooted: 11-13 wks Rooted: 6-8 wks	Unrooted: 13-15 wks Rooted: 8-10 wks	Unrooted: 13-15 wks Rooted: 8-10 wks	8-10 in. (20-25 cm)	5-9	February to April, September to October

REGIONAL TOP PICKS

This chart highlights top varieties from Darwin Perennials that will grow best in each season and region.

FLOWERING SEASON	PACIFIC NORTHWEST	SOUTHEAST	SOUTHWEST
LATE WINTER	Dianthus Mountain Frost™	Dianthus Mountain Frost	Dianthus Mountain Frost
	Viola Halo	Viola Halo	Viola Halo
EARLY SPRING	Iberis Snowsation	Iberis Snowsation	Iberis Snowsation
	Alyssum Golden Spring	Alyssum Golden Spring	Alyssum Golden Spring
	Salvia Mirage™	Salvia Mirage	Salvia Arctic Blaze®
	Dianthus Mountain Frost	Dianthus Mountain Frost	Salvia Mirage
	Veronica Moody Blues®	Veronica Moody Blues	Dianthus Mountain Frost
	Armeria Dreameria®	Armeria Dreameria	Veronica Moody Blues
	Salvia Lyrical™	Salvia Lyrical	Armeria Dreameria
	Salvia Marvel	Salvia Marvel	Salvia Lyrical
	Viola Halo	Viola Halo	Salvia Marvel
			Viola Halo
SPRING	Salvia Lyrical	Salvia Lyrical	Salvia Lyrical
	Salvia Marvel	Salvia Marvel	Salvia Marvel
	Achillea New Vintage™	Achillea New Vintage	Achillea New Vintage
	Echinacea Sombrero®	Echinacea Sombrero	Echinacea Sombrero
	Heuchera Carnival	Heuchera Carnival	Heuchera Carnival
	Monarda Balmy™	Monarda Balmy	Monarda Balmy
	Veronica Moody Blues	Veronica Moody Blues	Veronica Moody Blues
	Penstemon Rock Candy®	Penstemon Rock Candy	Penstemon Rock Candy
	Coreopsis UpTick™	Coreopsis UpTick	Coreopsis UpTick
	Lavender SuperBlue	Lavender SuperBlue	Dianthus Mountain Frost
	Dianthus Mountain Frost	Dianthus Mountain Frost	Penstemon MissionBells Deep Rose
	Penstemon MissionBells Deep Rose	Penstemon MissionBells Deep Rose	Miscanthus Bandwidth
	Miscanthus Bandwidth	Miscanthus Bandwidth	Penstemon Quartz®
	Penstemon Quartz	Penstemon Quartz	Armeria Dreameria
	Armeria Dreameria	Armeria Dreameria	
SUMMER*	Perovskia CrazyBlue	Perovskia CrazyBlue	Perovskia CrazyBlue
	Scabiosa Flutter™	Scabiosa Flutter	Scabiosa Flutter
	Achillea New Vintage	Achillea New Vintage	Achillea New Vintage
	Erysimum Cheers™	Erysimum Cheers	Erysimum Cheers
	Heliopsis 'Sunstruck'	Heliopsis 'Sunstruck'	Heliopsis 'Sunstruck'
	Caryopteris Grand Bleu®	Caryopteris Grand Bleu	Caryopteris Grand Bleu
	Salvia Lyrical	Salvia Lyrical	Salvia Lyrical
	Salvia Marvel	Salvia Marvel	Salvia Marvel
	Lavender SuperBlue	Lavender SuperBlue	Lavender SuperBlue
	Phlox 'Cherry Cream'	Phlox 'Cherry Cream'	Phlox 'Cherry Cream'
	Armeria Dreameria	Armeria Dreameria	Armeria Dreameria
FALL*	Helianthus 'Autumn Gold'	Helianthus 'Autumn Gold'	Helianthus 'Autumn Gold'
	Salvia Mirage	Salvia Mirage	Coreopsis UpTick
	Echinacea Sombrero	Echinacea Sombrero	Echinacea Sombrero
	Coreopsis UpTick	Coreopsis UpTick	Salvia Mirage
	Miscanthus Bandwidth	Miscanthus Bandwidth	Heuchera Carnival
	Perovskia CrazyBlue	Heuchera Carnival	Digitalis Foxlight
	Heuchera Carnival	Digitalis Foxlight™	Perovskia CrazyBlue
	Digitalis Foxlight	Perovskia CrazyBlue	Dreameria Armeria
	Dreameria Armeria	Dreameria Armeria	Achillea New Vintage
	Achillea New Vintage	Achillea New Vintage	Penstemon Rock Candy
	Penstemon Rock Candy	Penstemon Rock Candy	Salvia Lyrical
	Salvia Lyrical	Salvia Lyrical	Salvia Marvel
	Salvia Marvel	Salvia Marvel	Miscanthus Bandwidth
ALL SEASONS	Veronica Moody Blues		
	Salvia Mirage		
	Coreopsis UpTick		
	Dreameria Armeria		
	Achillea New Vintage		

* Many of these varieties are included in our Summer and Fall culture trials.

CANADA	MIDWEST	GREAT LAKES	NORTHEAST
Iberis Snowsation	Iberis Snowsation	Iberis Snowsation	Iberis Snowsation
Alyssum Golden Spring	Alyssum Golden Spring	Alyssum Golden Spring	Alyssum Golden Spring
Dianthus Mountain Frost	Phlox subulata	Phlox subulata	Phlox subulata
Viola Halo	Dianthus Mountain Frost	Dianthus Mountain Frost	Dianthus Mountain Frost
	Viola Halo	Viola Halo	Viola Halo
Salvia Lyrical	Salvia Lyrical	Salvia Lyrical	Salvia Lyrical
Salvia Marvel	Salvia Marvel	Salvia Marvel	Salvia Marvel
Achillea New Vintage	Achillea New Vintage	Achillea New Vintage	Achillea New Vintage
Echinacea Sombrero	Echinacea Sombrero	Echinacea Sombrero	Echinacea Sombrero
Heuchera Carnival	Heuchera Carnival	Heuchera Carnival	Heuchera Carnival
Monarda Balmy	Monarda Balmy	Monarda Balmy	Monarda Balmy
Veronica Moody Blues	Veronica Moody Blues	Veronica Moody Blues	Veronica Moody Blues
Dianthus Mountain Frost	Penstemon Rock Candy	Penstemon Rock Candy	Penstemon Rock Candy
Penstemon MissionBells™ Deep Rose	Coreopsis UpTick	Coreopsis UpTick	Coreopsis UpTick
Viola Halo	Lavender SuperBlue	Lavender SuperBlue	Lavender SuperBlue
	Dianthus Mountain Frost	Dianthus Mountain Frost	Dianthus Mountain Frost
	Miscanthus Bandwidth	Miscanthus Bandwidth	Miscanthus Bandwidth
	Armeria Dreameria	Armeria Dreameria	Penstemon Quartz
	Penstemon Quartz	Viola Halo	Armeria Dreameria
	Viola Halo		Viola Halo
Perovskia CrazyBlue	Perovskia CrazyBlue	Perovskia CrazyBlue	Perovskia CrazyBlue
Scabiosa Flutter	Scabiosa Flutter	Scabiosa Flutter	Scabiosa Flutter
Achillea New Vintage	Achillea New Vintage	Achillea New Vintage	Achillea New Vintage
Erysimum Cheers	Penstemon MissionBells Deep Rose	Penstemon MissionBells Deep Rose	Penstemon MissionBells Deep Rose
Heliopsis 'Sunstruck'	Heliopsis 'Sunstruck'	Heliopsis 'Sunstruck'	Heliopsis 'Sunstruck'
Caryopteris Grand Bleu	Caryopteris Grand Bleu	Caryopteris Grand Bleu	Caryopteris Grand Bleu
Salvia Lyrical	Salvia Lyrical	Salvia Lyrical	Salvia Lyrical
Salvia Marvel	Salvia Marvel	Salvia Marvel	Salvia Marvel
Lavender SuperBlue	Lavender SuperBlue	Lavender SuperBlue	Lavender SuperBlue
Phlox 'Cherry Cream'	Phlox 'Cherry Cream'	Phlox 'Cherry Cream'	Phlox 'Cherry Cream'
Armeria Dreameria	Armeria Dreameria	Armeria Dreameria	Armeria Dreameria
Helianthus 'Autumn Gold'	Helianthus 'Autumn Gold'	Helianthus 'Autumn Gold'	Helianthus 'Autumn Gold'
Coreopsis UpTick	Coreopsis UpTick	Coreopsis UpTick	Coreopsis UpTick
Echinacea Sombrero	Echinacea Sombrero	Echinacea Sombrero	Echinacea Sombrero
Perovskia CrazyBlue	Miscanthus Bandwidth	Heuchera Carnival	Miscanthus Bandwidth
Heuchera Carnival	Heuchera Carnival	Perovskia CrazyBlue	Heuchera Carnival
Achillea New Vintage	Perovskia CrazyBlue	Achillea New Vintage	Perovskia CrazyBlue
Salvia Lyrical	Achillea New Vintage	Salvia Lyrical	Achillea New Vintage
Salvia Marvel	Salvia Lyrical	Salvia Marvel	Salvia Lyrical
	Salvia Marvel	Miscanthus Bandwidth	Salvia Marvel

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 the Saturated Media Extract (SME) method.

FERTILIZATION

Perennials can be fed using liquid fertilizers on a periodic or constant feed basis. Liquid fertilizer rates can be found in the Perennial Finishing Guide. Use a balanced formula that complements the pH and alkalinity of your irrigation water. Liquid fertilizing offers advantages of greater flexibility and control over fertility levels, but can be difficult to administer economically when overhead irrigation is used. In the case of overhead irrigation, controlled release fertilizers (CRF) are preferable. Incorporate CRF into the media prior to planting based on manufacturer's recommendations or top-dress after planting.

SPACING

Spring-planted perennials should be spaced to finished spacing after transplant. This allows better growing conditions and helps to avoid overcrowding and stretch. The added airflow will help reduce foliar diseases and allow for better insect control.

Fall-planted perennials can be spaced at transplant in temperate climates or placed pot-tight in climates where temperatures cause containers to freeze. In either case, proper spacing for the anticipated finished size of the plant will dramatically improve plant quality and reduce labor.

INSECTS AND DISEASES

Incoming perennial liners or cuttings should be inspected for pests and diseases. Apply appropriate treatments as needed.

After transplant, regular scouting and careful observation is critical to maintaining a healthy crop. The practice of integrated pest management (IPM) will reduce losses and pesticide costs by identifying and correcting problems before they escalate. If a pesticide treatment is necessary, please refer to the manufacturer's label regarding proper usage. It is always a good practice to test new varieties for phytotoxicity when making pesticide applications.

VERNALIZATION AND BULKING

A number of perennial species require a period of cold temperature exposure to flower. The length of time varies from just a few weeks below 50°F (10°C) to as much as 10 weeks below 40°F (4°C). Generally speaking, early Spring-flowering perennials like *Phlox subulata*, Iberis and Alyssum require a cold period to flower. Many perennials such as *Salvia nemorosa*, Monarda and *Phlox paniculata* do not require vernalization to flower, but do benefit from a cold, short day bulking period. In these cases, Summer or Fall planting increases root and crown mass and the corresponding flowering shoots on the plants. It has also been shown to hasten flowering in many species by up to four weeks.

OVERWINTERING

The keys to success when overwintering perennials are:

- Avoid standing water
- Provide adequate air circulation
- Use preventative disease treatments
- Remove dead leaf/tissue
- Utilize rodent control
- Low media EC when entering dormancy
- Avoid freeze and thaw cycles

The overwintering area, whether in a field or hoop-house, should be sloped so that rain or other water sources cannot accumulate. In climates where Winter conditions freeze and thaw, cover prior to freeze and uncover as soon as possible. Where temperatures remain below freezing, cover after first freeze and maintain the cover until late Winter or early Spring when weather moderates. Remove dead and abscising leaves from herbaceous perennials like Hosta, Monarda, Heliopsis and dormant Hemerocallis. Apply a broad spectrum fungicide prior to covering or closing hoop houses to reduce disease pressure.

Once weather conditions moderate, be sure to scout for insect and disease problems and respond accordingly. Also, check pH and EC levels in the media. Perennials that emerge from dormancy will begin to grow rapidly, and the lack of adequate nutrition will lead to reduced branching, lower leaf loss and smaller flowers.

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Payment is due in invoiced currency and in accordance with the terms specified on invoice. In the event of default in the payment of any amount when due, and in addition to all other rights and remedies available to Seller, SELLER SHALL BE ENTITLED TO COLLECT A LATE CHARGE OF 2% PER MONTH (24% PER YEAR) OR THE MAXIMUM RATE ALLOWED BY LAW, WHICHEVER IS LESS, ON ALL AMOUNTS PAST DUE FROM THE DATE DUE UNTIL THE DATE PAID. A FEE OF $25.00 WILL BE CHARGED FOR ANY RETURNED CHECK, DECLINED EFT TRANSACTION OR DECLINED BANKCARD TRANSACTION.

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

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DARWIN PERENNIALS LINER SUPPLY

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- Gulley Greenhouses
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- James Greenhouses
- Knox Nursery, Inc.
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- Oglesby Plants Int'l.
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- Pleasant View Gardens
- Plug Connection
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