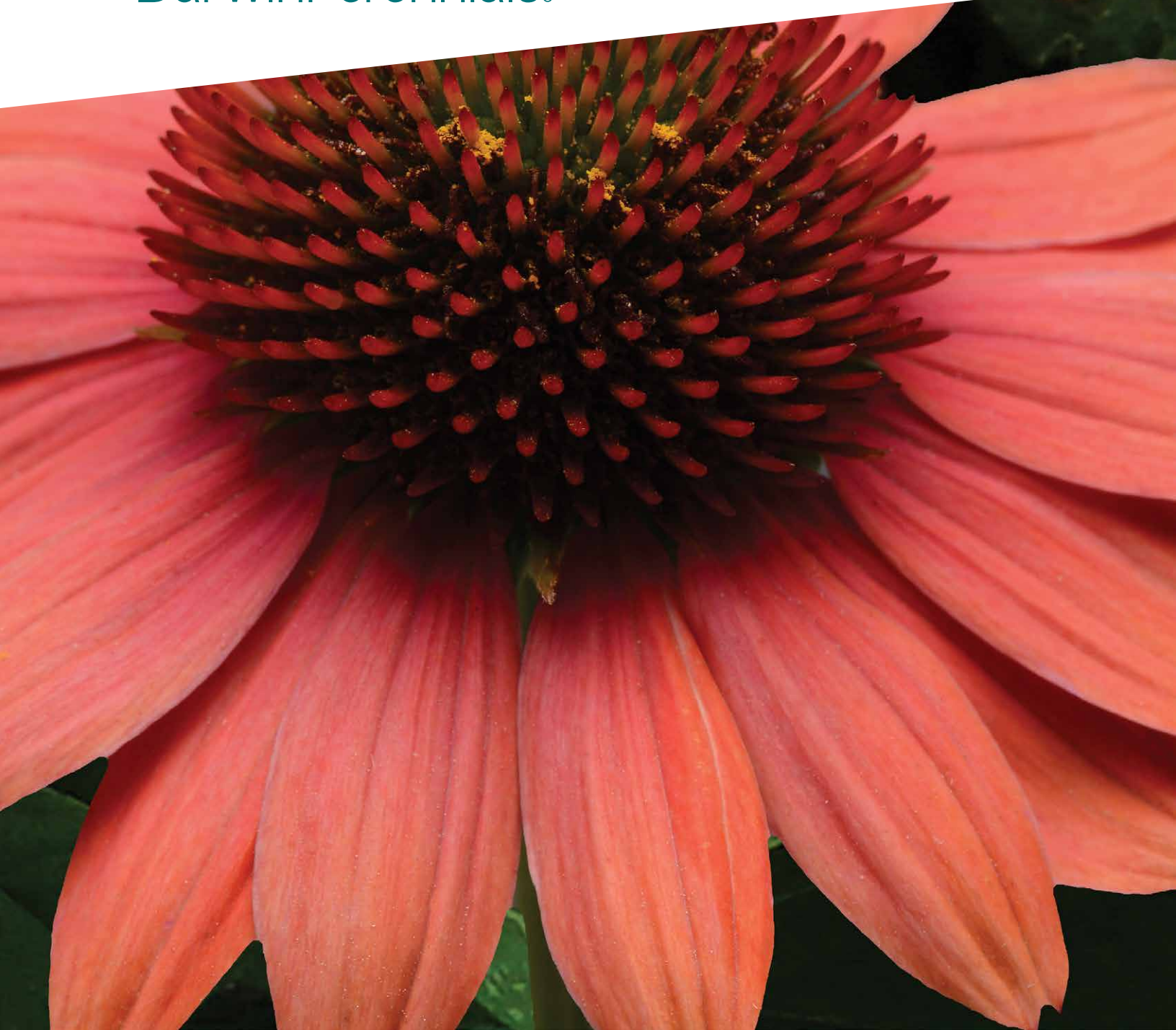


2020

DARWIN PERENNIALS®

PERENNIALS WITH STAYING POWER™

DarwinPerennials®



A DECADE OF STAYING POWER

DarwinPerennials®

Welcome to the 2020 Darwin Perennials® catalog. This year marks our 10th year of providing top-quality perennials to the market! Within that decade, we have introduced a collection of outstanding and award-winning varieties that offer proven shelf life at retail, along with longevity in gardens and landscapes. Thanks to many significant breeding breakthroughs, we plan to continue producing **Perennials With Staying Power™** for many more decades to come!

This year, we are introducing an innovative assortment of new varieties featuring benefits for the grower, retailer, consumer and landscaper alike, such as reduced input costs, extended shelf life, longer bloom time and less maintenance – all backed by our reliable supply of outstanding genetics from Darwin Colombia.

Our extensive product selection is available in multiple forms, and we continue to invest in Darwin Colombia as our main source for vegetative perennials. Tissue-culture raised varieties like **NEW Echinacea Sombrero® Summer Solstice** are sure to impress at retail and in the landscape. Plus, we have taken the grasses market by storm with varieties like the non-invasive **Miscanthus Bandwidth**.

In this catalog, we showcase our new genetics for the 2020 season with varieties like the unique and fragrant **Nepeta Blue Prelude**, season-extending **Caryopteris 'Gold Crest'** and **Sedum Prima Angelina**, featuring high-impact, vivid golden color. If you are interested in finding out how to program your perennials to demand, check out page 4.

For ordering information and more, talk to your Darwin Perennials team of experts and your Sales Representative today!

Sincerely,

Leland Toering

Sales and Marketing Manager
630 588-3127, LToering@darwinperennials.com




Echinacea Sombrero
Hot Coral

DARWIN PERENNIALS VARIETIES

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

Achillea.....	22, 25	Armeria.....	31	Helianthus.....	53	Perovskia.....	77
Agastache.....	27	Caryopteris.....	36	Heliopsis.....	53-54	Phlox.....	80
Alyssum.....	29	Coreopsis.....	38-40	Heuchera.....	18-19	Salvia.....	88-92
		Dianthus.....	13	Iberis.....	55-56	Scabiosa.....	97
		Digitalis.....	43	Lavandula.....	58, 60-61	Sedum.....	98
		Echinacea.....	14-17	Leucanthemum.....	62	Veronica.....	104, 106, 108-109
		Erysimum.....	44	Miscanthus.....	20	Viola.....	110
		Eupatorium.....	45	Monarda.....	68		
		Gaura.....	48, 50	Nepeta.....	69		
		Helenium.....	52	Penstemon.....	72, 74-75		

See inside back cover for full product index.

DARWIN PERENNIALS 2020 NEW VARIETIES

Get the first look at our exceptional new introductions to our expansive perennial lineup.

Caryopteris 'Gold Crest',
page 36

**Dianthus Mountain Frost™
Red Garnet,** page 13

**Echinacea Sombrero® –
Summer Solstice and
Tango Tangerine,**
page 15

Lavandula 'Annet',
page 58

Nepeta Blue Prelude,
page 69

Penstemon Quartz® Red,
page 75

Sedum Prima Angelina,
page 98

**Veronica Moody Blues® –
Dark Pink and
Maive Improved,**
page 108



Caryopteris 'Gold Crest', p. 36



Dianthus Mountain Frost Red Garnet, p. 13



Lavandula 'Annet', p. 58



Echinacea Sombrero Summer Solstice, p. 15



Echinacea Sombrero Tango Tangerine, p. 15



Sedum Prima Angelina, p. 98



Nepeta Blue Prelude, p. 69



Penstemon Quartz Red, p. 75



Veronica Moody Blues Dark Pink, p. 108



Veronica Moody Blues Maive Improved, p. 108

DARWIN PERENNIALS TEAM

AN EXPERIENCED TEAM WITH STAYING POWER.

Together, your Darwin team has **NEARLY 290 YEARS** of industry experience. This team understands the business, and has the know-how and expertise to help you grow and sell successfully.



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16 Years Experience

DARWIN FARM – COLOMBIA

DarwinPerennials®



Darwin Colombia is focused on providing a reliable supply of outstanding genetics from our unrooted cutting production farm outside of Bogotá. Here are some of our new, breakthrough features at the farm:

Addition of the AutoStix® labor-saving transplant technology system

Compatible with over 500 of our vegetative perennial offerings.

Uses biodegradable clips, designed to enhance and guide the development of the root system – available in 34- and 51-strip options.

Automates the process of sticking cuttings, transplanting up to 10,000 cuttings per hour with a uniform, high-quality result.

Tried and tested to save time, labor and costs for greenhouse and nursery growers.

Achievement of the MPS-A certification with an enhanced focus on sustainability

Ensures our operations are environmentally friendly and sustainable.

Promotes earth-friendly, integrated practices, such as pest management through biological controls and efficient water usage.

90% of our Darwin Colombia water is sourced from rain collection.

New greenhouses and improved infrastructure in our packing and cold room facility

We continue to invest for long-term, quality growth in perennials.

New facilities allow us to be more reliable and consistent, and drive efficiencies at the farm.

Darwin Colombia is poised for the future thanks to our continued investments and extensive product offering, including the best perennial genetics on the market.



GROWER RESOURCES & FINISHING TRIALS

TOOLS FOR GROWING & SHIPPING BEST-QUALITY PERENNIALS

Darwin Perennials offers the most innovative solutions for your growing challenges through new and improved perennial genetics. We are able to provide the best products on the market thanks to our extensive trialing and culture research at our facility in West Grove, PA. The results from these culture trials are available for many of our varieties at darwinperennials.com/Culture/ProductionGuides – so you can take full advantage of all that our top-performing perennials have to offer.

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

- Introduced nine outstanding varieties to our trials this year.
- Includes 60+ varieties of Darwin Perennials plants.
- Provides the culture data you need to bring fresh products to retail with multiple ship dates throughout the Spring, Summer and Fall

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:

Caryopteris 'Gold Crest'
 Digitalis Arctic Fox Rose
 Salvia 'Blue by You'
 Iberis 'Summer Snowdrift'
 Phlox Ka-Pow® Series
 Helonium Salud™ Series
 Coreopsis 'Golden Stardust'
 Coreopsis 'Electric Sunshine'
 Veronica 'Forever Blue'

HIGH-IMPACT LAVENDER

Darwin Perennials Lavender program features statement items that deliver excellent performance, large blooms and outstanding, vivid color – for high impact in the landscape and containers.

One of our top-performing Lavenders is **award-winning SuperBlue** – featuring rich, blue blooms with excellent Winter hardiness. The **Anouk Series** is another premium Lavender that includes six head-turning varieties with high resistance to foliar diseases and excellent weather tolerance for long-lasting appeal.

With **superior performance and a beautiful color assortment**, these varieties can make for great décor items on the porch, patio or landscape.

DarwinPerennials.®



Lavandula SuperBlue, p. 58



Lavandula 'Anouk', p. 60

YOUR LINER SOURCES

ORDER DARWIN PERENNIALS LINERS THROUGH YOUR FAVORITE SUPPLIER



DARWIN PERENNIALS LINER SUPPLY

Easily source your perennial needs from these reliable North American suppliers licensed to carry Darwin Perennials varieties.

LICENSED SUPPLIERS

Battlefield Farms, Inc.
(Heritage GH)
Rapidan, VA

Creek Hill Nursery
Leola, PA

De Goede Bulb & Farm
Mossyrock, WA

DGI Propagators
Hudsonville, MI

Emerald Coast Growers
Pensacola, FL

GET Group, Inc.
Woodstock, IL

Green Leaf Plants
Smoketown, PA

Gro' n Sell, Inc.
Chalfont, PA

Gulley Greenhouse, Inc.
Fort Collins, CO

Headstart Nursery
Gilroy, CA

James Greenhouses
Colbert, GA

**Jardins Paquette
Gardens**
Sutton, QC

Knox Nursery, Inc.
Winter Garden, FL

**North Creek Nurseries,
Inc.**
Landenberg, PA

Oglesby Plants Int'l, Inc.
Altha, FL

Pacific Plug & Liner
Watsonville, CA

Plug Connection
Vista, CA

**Raker-Roberta's Young
Plants**
Litchfield, MI

Skagit Horticulture LLC
Mt. Vernon, WA

**Stonehouse Nursery,
LLC**
Berrien Springs, MI

Swift Greenhouses
Gilman, IA

Takao Nursery
Fresno, CA

Walters Gardens
Zeeland, MI

PHOTOGRAPHY

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Note: This company is a separate entity and therefore no legal link exists between Darwin Perennials and Visions B.V. If you are interested in acquiring some of these images, please go to visionspictures.com.

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 'Electric Sunshine', page 39
Colorado State University Flower Trial 2018
"Outstanding Plants"

2018 "Plants of Distinction" Award Winner from the
University of Georgia

Coreopsis 'Super Star', page 38
University of Georgia 2018 Award Winner in the categories
of: "Industry Top Picks", "People's Choice" and
"Best of the Best"

Echinacea Sombrero® Tres Amigos, page 15
University of Georgia 2018 "Classic City Award" and
"People's Choice" Award Winner

Iberis 'Summer Snowdrift', page 55
Colorado State University Flower Trial 2018
"Outstanding Plants"

Miscanthus Bandwidth, page 20
Dallas Arboretum "FlameProof Award 2017-2018"

Penstemon Little Bells, page 74
Dallas Arboretum "FlameProof Award 2017-2018"

Salvia Arctic Blaze® Fuchsia, page 91
Dallas Arboretum "FlameProof Award 2017-2018"

Salvia Mirage™ Neon Rose, page 88
Dallas Arboretum "FlameProof Award 2017-2018"

Veronica 'Forever Blue', page 106
University of Georgia Trial Gardens 2018 "Plants of
Distinction"



Coreopsis 'Electric Sunshine', p. 39

Iberis 'Summer Snowdrift', p. 55



Echinacea Sombrero Tres Amigos, p. 15

Coreopsis 'Super Star', p. 38



Miscanthus Bandwidth, p. 20

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:

- Buddleia 'Grand Cascade'**, page 33
- Coreopsis Sizzle & Spice® 'Hot Paprika'**, page 41
- Leucanthemum 'Cream Puff'**, page 63
- Monarda 'Electric Neon Pink'**, page 68
- Nepeta 'Purrsian Blue'**, page 70
- NEW Penstemon 'Onyx and Pearls'**, page 73
- Perovskia 'Blue Jean Baby'**, page 76
- Phlox 'Fashionably Early Princess'**, page 81
- Salvia 'Bumbleberry'**, page 93
- Sedum 'Little Miss Sunshine'**, page 97
- Veronica 'Blue Skywalker'**, page 104



Buddleia 'Grand Cascade', p. 33



Coreopsis Sizzle & Spice 'Hot Paprika', p. 41



Leucanthemum 'Cream Puff', p. 63



Monarda 'Electric Neon Pink', p. 68



Penstemon 'Onyx and Pearls', p. 73



Nepeta 'Purrsian Blue', p. 70



Perovskia 'Blue Jean Baby', p. 76



Phlox 'Fashionably Early Princess', p. 81



Salvia 'Bumbleberry', p. 93



Sedum 'Little Miss Sunshine', p. 97



Veronica 'Blue Skywalker', p. 104



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 23

Centaurea 'Amethyst in Snow', page 35

Leucanthemum Freak!®, page 64

Lychnis Petite Jenny, page 65

Polemonium Brise d'Anjou, page 85

Rudbeckia 'Viette's Little Suzy', page 87



Achillea Ritzy Rose, p. 23



Achillea Ritzy Ruby, p. 23



Centaurea 'Amethyst in Snow', p. 35



Leucanthemum Freak!, P. 64



Lychnis Petite Jenny, p. 65



Polemonium Brise d'Anjou, p. 85



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

**MUST HAVE**
Perennials®



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:

NEW Achillea Milly Rock™ Series – Red and Rose, page 23

NEW Eupatorium Euphoria™ Ruby, page 45

Gaillardia Gallo™ Dark Bicolor and Red, page 47

Leucanthemum Ooh La™ LaGrande and 'LaSpider', page 63

Salvia Sensation™ Compact Deep Blue and Medium Deep Rose, page 94



Achillea Milly Rock Red, p. 23



Achillea Milly Rock Rose, p. 23



Eupatorium Euphoria Ruby, p. 45



Gaillardia Gallo Dark Bicolor, p. 47



Leucanthemum Ooh La 'LaSpider', p. 63



Salvia Sensation Compact Deep Blue, p. 94

Florensis



HERBS

SAVOR A WIDE VARIETY OF FLAVORS WITH THESE AROMATIC AND POPULAR CULINARY HERBS!

ARTEMISIA/FRENCH TARRAGON,

TOP SELLER page 30

MENTHA/MINT, page 66

'After Eight'
Apple
Chocolate
Citrata Orange
'Kentucky Colonel'
TOP SELLER Mojito
Peppermint
Peppermint Upright
Pineapple Variegated
Spearmint
Strawberry

OCIMUM/BASIL, page 70

'Kasar'

ORIGANUM/OREGANO, page 71

'Aureum'
'Compactum'
TOP SELLER Greek
'Hot and Spicy'
Italian
Variegated

ROSMARINUS/ROSEMARY, page 86

TOP SELLER 'Arp'

'Barbecue'
'Gorizia'
'Huntington Carpet'
'Madeline Hill'
Officinalis
'Prostratus'
'Salem'
'Spice Island'
'Tuscan Blue'

SALVIA/SAGE, page 95

'Aurea'
'Berggarten'
Garden Sage
'Icterina'
'Purpurascens'
'Tricolor'

STEVIA, page 101

Sweet Leaf

THYMUS/THYME, page 102-103

'Doone Valley'
TOP SELLER English
French
Golden Lemon
Lemon
Orange
Silver Edged
'Silver King'
'Spicy Orange'
'Variegatus'

herb·A·licious

Plants with a Purpose

These herb combos come packed with ornamental and culinary potential. To learn more about the Herb-A-Licious program, visit darwinperennials.com.

Pictured: **Back Patio Sips™**

Uses: Herbal teas, DIY cocktails/mocktails
Components: Sage Scarlet Pineapple, Basil 'Kasar',
Stevia Sweet Leaf, Mint Mojito, Thyme Lemon



2020 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)



DARWIN PERENNIALS

MOUNTAIN FROST™

Dianthus Mountain Frost Pink PomPom

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.
- Tidy, mounding habit is great for landscape borders.
- Ideal for 2.5-qt. and 1-gal. pot sizes.

Pink Carpet Height: 6 to 8 in. (15 to 20 cm) A burst of bright pink color and strong, green foliage. 'KonD1010K2' PP30,246

Pink PomPom Height: 6 to 8 in. (15 to 20 cm) Double rose-pink flowers. 'KonD1014K3' PP30,190

Pink Twinkle Height: 6 to 8 in. (15 to 20 cm) Bright, bicolor pink flowers with silvery-green foliage. 'KonD1060K3' PP30,105

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

Rose Bouquet Height: 10 to 12 in. (25 to 30 cm) Extra-large, deep rose flowers with deep green foliage. 'KonD1044K2' PP30,274

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

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



NEW

Dianthus Mountain Frost Red Garnet



Dianthus Mountain Frost Pink Carpet



Dianthus Mountain Frost Pink Twinkle



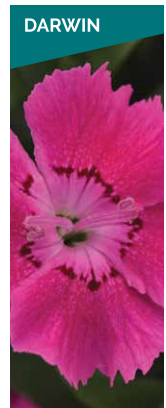
Dianthus Mountain Frost Silver Strike



Dianthus Mountain Frost White Twinkle



Dianthus Mountain Frost Pink PomPom



Dianthus Mountain Frost Rose Bouquet

DARWIN PERENNIALS

SOMBREIRO®

Echinacea Sombrero Series



THE SERIES THAT WEARS MANY HATS,
SOMBREIRO SPICES UP LANDSCAPES WITH
ITS VIBRANT COLORS AND UNIFORMITY!





Echinacea Sombbrero Summer Solstice



Echinacea Sombbrero Tango Tangerine



Echinacea Sombbrero Blanco

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

Sombbrero'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 Sombbrero in the Spring and sell it the same year.
- Ideal for 2.5-qt. pot size.

TOP SELLER Adobe Orange

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

Baja Burgundy 'Balsomabaur'

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 Sombbrero habit and hardiness.

'Balsomold' PP30,115; 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' PP30,116; US7,982,110

TOP SELLER Salsa Red

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

Sangrita A vibrant scarlet-red color with burgundy-red flower stems that enhance the beauty of the plant. 'Balsomanita' PP30,138; US7,982,110

NEW Summer Solstice Bright yellow flowers feature a white ring around the center cone for added interest. 'Balsomstolst' PPAF; US7,982,110

NEW Tango Tangerine Features a beautiful coral/salmon color with a height that matches the series. 'Balsomotan' PPAF; US7,982,110

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



Echinacea Sombbrero Adobe Orange



Echinacea Sombbrero Baja Burgundy



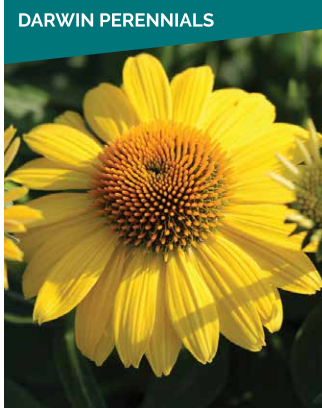
Echinacea Sombbrero Flamenco Orange



Echinacea Sombbrero Granada Gold



Echinacea Sombbrero Hot Coral



Echinacea Sombbrero Lemon Yellow Improved



Echinacea Sombbrero Salsa Red



Echinacea Sombbrero Sangrita



Echinacea Sombbrero Tres Amigos

DARWIN PERENNIALS

DOUBLE SCOOP™

Echinacea Double Scoop Bubble Gum



SKIP RIGHT TO DESSERT WITH DOUBLE SCOOP, TOPPED WITH AN ABUNDANCE OF BRILLIANT, NON-FADING BLOOMS.



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



Echinacea Double Scoop Mandarin



Echinacea Double Scoop Bubble Gum



Echinacea Double Scoop Raspberry



Echinacea Double Scoop Orangeberry



Echinacea Double Scoop Cranberry



Echinacea Double Scoop Mandarin



Echinacea Double Scoop Lemon Cream

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 garden enjoyment.
- First-rate branching for more flowers and superior show at retail.
- More compact than the competition.

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

TOP SELLER Cranberry

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

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

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

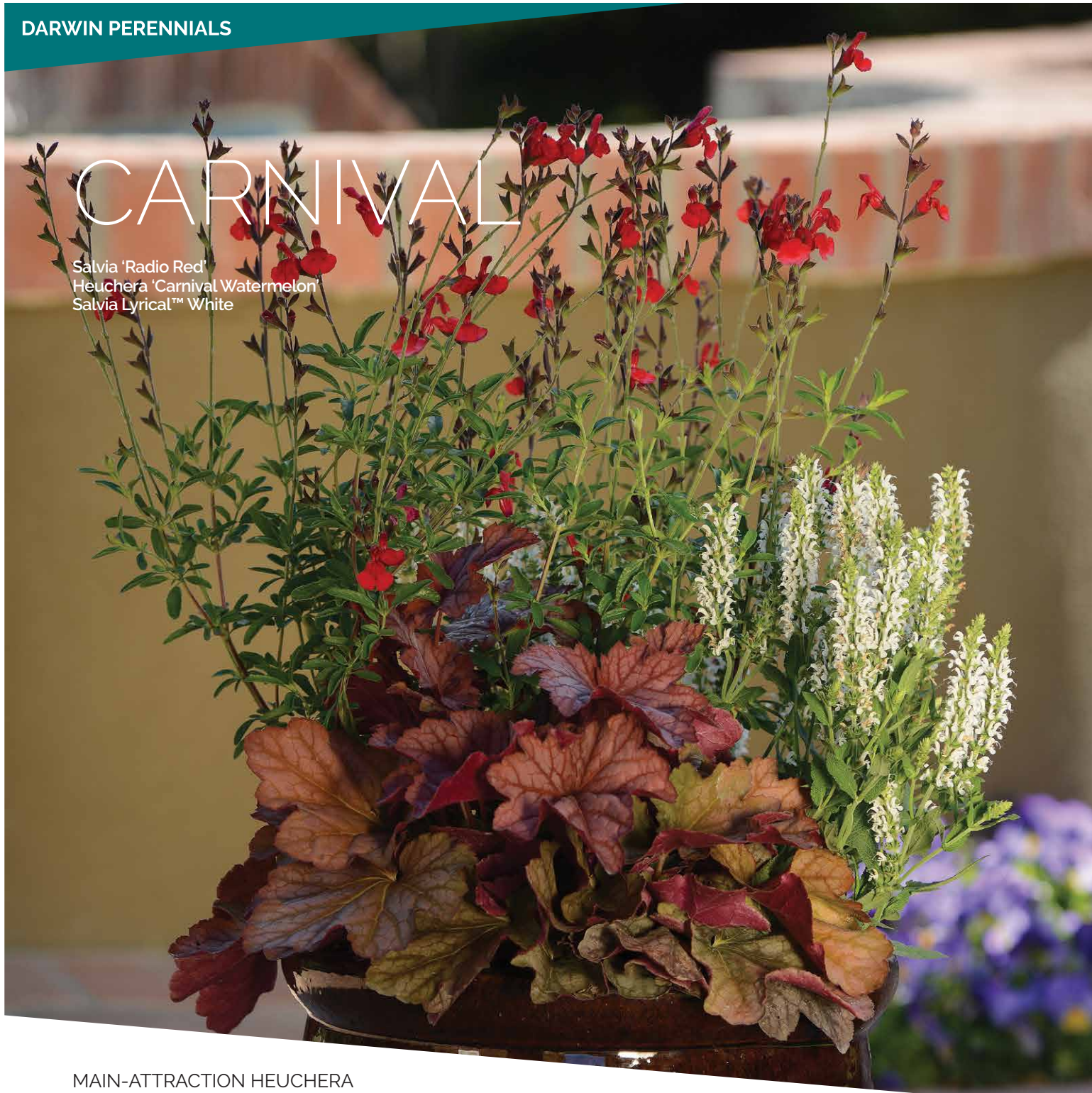
TOP SELLER Orangeberry

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

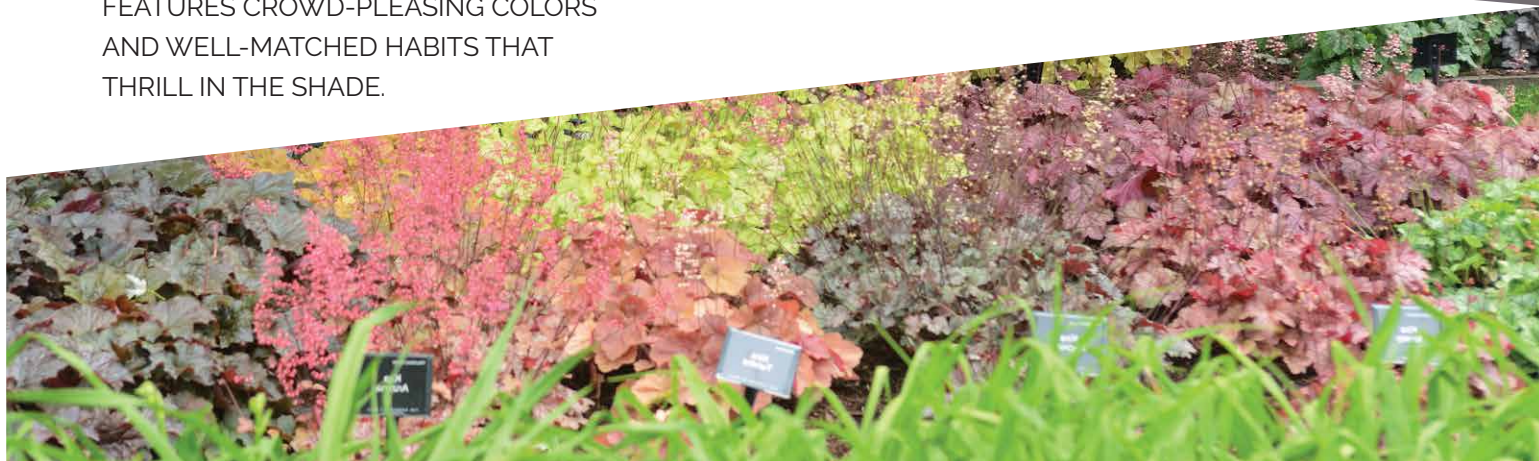
Raspberry 'Balsceras' PP23,117; US7,982,110

CARNIVAL

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

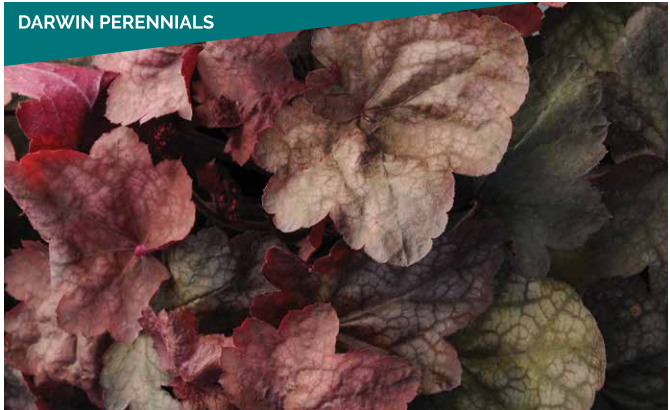


MAIN-ATTRACTION HEUCHERA
FEATURES CROWD-PLEASING COLORS
AND WELL-MATCHED HABITS THAT
THRILL IN THE SHADE.

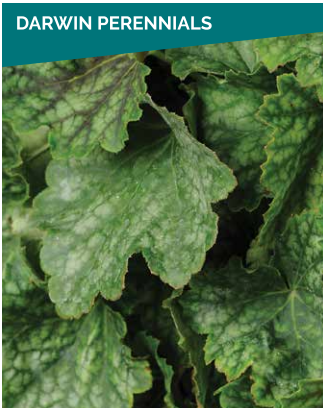




Heuchera 'Carnival Black Olive'



Heuchera 'Carnival Candy Apple'



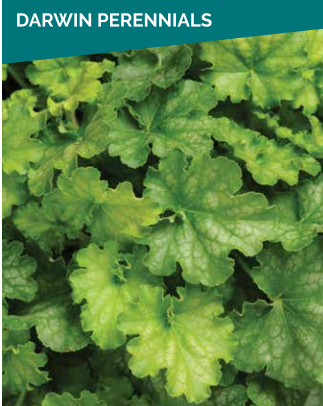
Heuchera 'Carnival Cocomint'



Heuchera 'Carnival Coffee Bean'



Heuchera 'Carnival Fall Festival'



Heuchera 'Carnival Limeade'



Heuchera 'Carnival Peach Parfait'



Heuchera 'Carnival Plum Crazy'



Heuchera 'Carnival Rose Granita'



Heuchera 'Carnival Watermelon'

HEUCHERA 
(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 Rose Granita': Colorado State University Flower Trial 2016 "Top Performer Perennials" Winner

- 'Carnival Black Olive'
- 'Carnival Candy Apple'
- 'Carnival Cocomint' PP24,927
- 'Carnival Coffee Bean' PP24,943
- 'Carnival Fall Festival'
- 'Carnival Limeade' PP24,899
- 'Carnival Peach Parfait' PP24,928

TOP SELLER 'Carnival Plum Crazy' PP24,771

TOP SELLER 'Carnival Rose Granita'

TOP SELLER 'Carnival Watermelon' PP24,803

DARWIN PERENNIALS



Miscanthus Bandwidth

DARWIN PERENNIALS



Miscanthus My Fair Maiden



Panicum Ruby Ribbons

MISCANTHUS (JAPANESE SILVER GRASS, MAIDEN GRASS)

Miscanthus sinensis

BANDWIDTH

DARWIN PERENNIALS

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

Bloom Months: October to November

USDA Hardiness Zones: 5a to 9b

Available as a liner only
'NCMS2B' CPBRAFF; PP29,460

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

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

"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*

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' CPBRAFF; 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

'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!



DARWIN PERENNIALS

NEW VINTAGE™

Achillea New Vintage Violet

ACHILLEA 
(YARROW)
Achillea millefolium

NEW VINTAGE™ SERIES

DARWIN PERENNIALS

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

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

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

Red 'Balvinred' PP25,618

Rose 'Balvinrose' PP25,712

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

White 'Balvinwhite' PP25,711



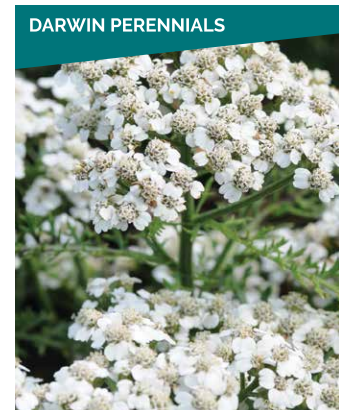
Achillea New Vintage Red



Achillea New Vintage Rose



Achillea New Vintage Violet



Achillea New Vintage White



Achillea 'Moonshine'



Achillea Little Moonshine



Achillea Ritzy Rose



Achillea Ritzy Ruby

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.

ACHILLEA (YARROW)

Achillea millefolium

LITTLE MOONSHINE

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

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

'PAPRIKA'

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

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

RITZY SERIES

MUST HAVE PERENNIALS®
Height: 10 to 14 in. (25 to 36 cm)
Bloom Months: May to August
USDA Hardiness Zones: 4a to 8b

Compact, long-flowering Achillea.

Rose 'ACBZ0003' PP29,407
Ruby 'ACBZ0004' PP29,408



Achillea Milly Rock Rose & Red



Achillea Milly Rock Red

MILLY ROCK™ SERIES

NEW FOR 2020
 FLORENSIS, B.V.

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: April to September
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. Ideal for 2.5-qt. and 1-gal. pot sizes.

Red 'FLORACHRE1' PPAF
Rose 'FLORACHRO1' PPAF

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



Achillea Milly Rock Rose



Achillea 'Saucy Seduction'



Achillea 'Strawberry Seduction'



Achillea 'Sunny Seduction'



Achillea Tutti Frutti 'Apricot Delight'



Achillea Tutti Frutti 'Pink Grapefruit'

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

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 ptarmica

'PETER COTTONTAIL'

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.

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 'Pomegranate'



Achillea Tutti Frutti 'Wonderful Wampee'



Achillea 'Peter Cottontail'

DARWIN PERENNIALS



Achillea Song Siren 'Layla'

ACHILLEA ●
(YARROW)
Achillea millefolium

SONG SIREN™ 'LAYLA'

DARWIN PERENNIALS

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

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

DARWIN PERENNIALS



Achillea Moon Dust

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 'Sassy Summer Lemon'



Achillea 'Sassy Summer Sangria'



Achillea 'Sassy Summer Silver'



Achillea 'Sassy Summer Sunset'

ACHILLEA ●
(YARROW)
Achillea

SASSY SUMMER SERIES

WALTERS GARDENS

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

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

'Sassy Summer Lemon' Bright sunny yellow flowers. PPAF
'Sassy Summer Sangria' PPAF
NEW 'Sassy Summer Silver' Bright yellow flowers contrast with intense silvery foliage. PPAF
'Sassy Summer Sunset' PPAF
'Sassy Summer Taffy' PPAF

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.



Achillea 'Sassy Summer Taffy'



Agastache 'Purple Haze'



Agastache 'Blue Fortune'

DARWIN PERENNIALS

LITTLE
ADDER

AGASTACHE (ANISE HYSSOP)
Agastache rugosa

'LITTLE ADDER'

DARWIN PERENNIALS

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

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

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



Agastache 'Little Adder'



Ajuga 'Metallica Crispa'



Ajuga 'Bronze Beauty'



Ajuga 'Burgundy Glow'



Ajuga 'Catlin's Giant'



Ajuga 'Mahogany'



Ajuga 'Silver Queen'



Ajuga Chocolate Chip

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.

'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

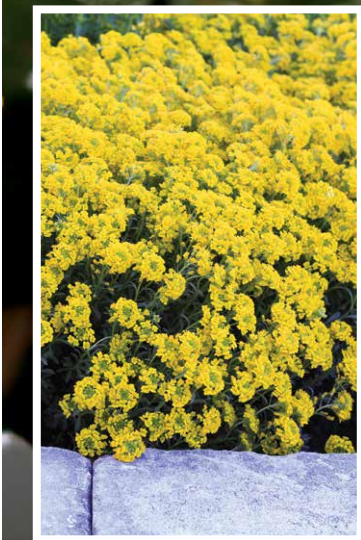
CHOCOLATE CHIP

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.

DARWIN PERENNIALS

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

CPBR5491; PP25,710

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

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



Amsonia 'Blue Ice'



Artemisia 'Powis Castle'



Artemisia French Tarragon



Artemisia 'Silver Mound'



Artemisia 'Silver Brocade'



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).



DARWIN PERENNIALS

DREAMERIA®

Armeria Dreameria 'Dreamland'

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.

PP29,381

'Dream Weaver' A deep rose-pink color. PPAF

'Dreamland' A dark salmon bloom. PPAF

'Sweet Dreams' Attractive lavender-mauve flowers. PP29,612

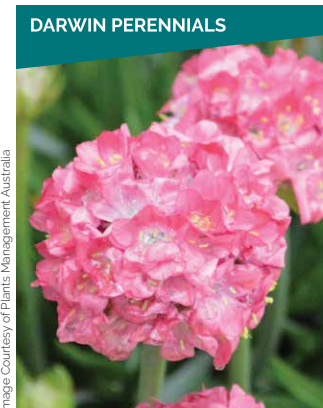
DREAMERIA is a registered trademark of Plants Management Australia. Image courtesy of Plants Management Australia www.pma.com.au



Armeria Dreameria 'Daydream'



Armeria Dreameria 'Dream Weaver'



Armeria Dreameria 'Dreamland'



Armeria Dreameria 'Sweet Dreams'



Buddleia Humdinger 'Lavender Cupcake'



Buddleia Humdinger 'Little Angel'



Buddleia Humdinger 'Little Nugget'



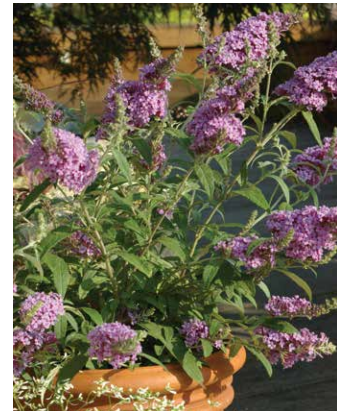
Buddleia Humdinger 'Magenta Munchkin'



Buddleia Humdinger 'Orchid Annie'



Buddleia Buzz 'Hot Raspberry'



Buddleia Buzz Lavender

ARMERIA 
(THRIFT, SEA PINKS)
Armeria maritima

'NIFTY THRIFT'

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 and 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.

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.

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

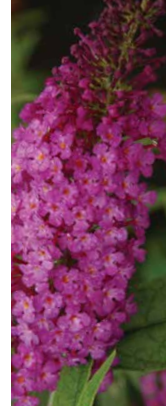
Long-blooming series is suitable for gallon pots and smaller garden spaces.

'Hot Raspberry' PPAF
Lavender 'TOBUDVIOLE' PP22,063
Midnight 'TOBUDMIDNI' PPAF
Purple 'TOBUDPIPUR' PP22,064
Sky Blue 'TOBUD0615' PP23,461
Velvet 'TOBUD0703' PP23,462

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



Buddleia Buzz Midnight



Buddleia Buzz Purple



Buddleia Buzz Sky Blue



Buddleia Buzz Velvet



Buddleia Monarch 'Blue Knight'



Buddleia 'Grand Cascade'



Buddleia 'Lavender Cascade'



Buddleia 'Pink Cascade'



Buddleia Monarch 'Crown Jewels'



Buddleia Monarch 'Glass Slippers'



Buddleia Monarch 'Dark Dynasty'



Buddleia Monarch 'Queen of Hearts'



Buddleia Monarch 'Prince Charming'

BUDDLEIA ● (BUTTERFLY BUSH)
Buddleia davidii

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.

BUDDLEIA ● (BUTTERFLY BUSH)
Buddleia hybrida

'GRAND CASCADE'

WALTERS GARDENS

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

Bloom Months: September to October

USDA Hardiness Zones: 5a to 10b

PPAF

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

'LAVENDER CASCADE'

WALTERS GARDENS

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

Bloom Months: May to September

USDA Hardiness Zones: 5a to 10a

PPAF

8 to 10-in. (20 to 25-cm), soft lavender-purple flower panicles cascade down the habit like a waterfall. Butterflies, bees and hummingbirds will flock to these honey-scented blossoms.

'PINK CASCADE'

WALTERS GARDENS

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

Bloom Months: September to October

USDA Hardiness Zones: 5a to 10b

PPAF

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



Campanula 'Delft Teacups'



Campanula 'Violet Teacups'



Campanula 'Church Bells'



Campanula 'Angel Bells'

CAMPANULA ●
(CARPATHIAN BELLFLOWER)

Campanula carpatica

'DELFT TEACUPS'

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'

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 ●
(CLUSTERED BELLFLOWER)

Campanula glomerata

'CHURCH BELLS'

NEW FOR 2020
WALTERS GARDENS

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

This lavender-blue Campanula features an upright habit. Attracts pollinators; makes a great cut flower.

'ANGEL BELLS'

NEW FOR 2020
WALTERS GARDENS

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

Upright perennial features creamy-white flowers atop medium green foliage. Perfect for containers, the front of borders or cut flowers. Attractive to bees and hummingbirds, yet not appealing to deer.

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
White 'Allgentiw' PP24.686



Campanula Genti Blue



Campanula Genti White



Campanula 'Blue Rivulet'



Campanula Blue Waterfall



Centaurea 'Amethyst Dream'



Centaurea 'Amethyst in Snow'



Campanula 'Dickson's Gold'



Campanula 'Birch Hybrid'

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 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.

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.

CENTAUREA ●
(CORNFLOWER)
Centaurea montana

'AMETHYST DREAM'

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

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

'AMETHYST IN SNOW'

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

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

CARYOPTERIS ●
(BLUEBEARD)
Caryopteris clandonensis

'DARK KNIGHT'

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

Purple flowers complement dark green foliage.

CARYOPTERIS (BLUEBEARD)
Caryopteris hybrida

'GOLD CREST'

NEW FOR 2020
DARWIN PERENNIALS

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

- Shows beautiful golden foliage in Spring and Summer, accented by blue flowers in late Summer and Fall.
- Features a mounded habit and broad leaves.
- Will not fade in intense sunlight.
- Ideal for 2.5-qt. pot size.



Caryopteris 'Gold Crest'

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.



Caryopteris Grand Bleu



Ceratostigma plumbaginoides



Coreopsis 'Limerock Dream'



Coreopsis 'American Dream'



Chrysogonum 'Pierre'



Coreopsis 'Limerock Ruby'



Coreopsis Solanna Golden Sphere

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 ●●●
(TICKSEED)

Coreopsis auriculata

'NANA'

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

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

COREOPSIS ●●●
(TICKSEED)

Coreopsis rosea

'AMERICAN DREAM'

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

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

'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 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 hybrida

SOLANNA™ GOLDEN SPHERE

DANZIGER "DAN" FLOWER FARMS

Height: 8 in. (20 cm)
Bloom Months: May to September
USDA Hardiness Zones: 5a to 9b
'DCORE016' PP25.241

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

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

SUPER STAR



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

Coreopsis 'Super Star'

COREOPSIS (TICKSEED)

Coreopsis hybrida

'SUPER STAR'

DARWIN PERENNIALS

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

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

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



Coreopsis 'Golden Stardust'



Coreopsis 'Electric Sunshine'



Coreopsis Sunny Day

DARWIN PERENNIALS

'GOLDEN STARDUST'

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 resistant.
- Excellent heat tolerance.

'ELECTRIC SUNSHINE'

DARWIN PERENNIALS

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

Beautiful Coreopsis is a real stunner in the garden.

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

COREOPSIS ●
(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 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 Crème Caramel

'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.

'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

- 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.

DARWIN PERENNIALS



Coreopsis 'Sylvester'



Coreopsis 'Crème Brulee'



Coreopsis 'Zagreb'



Coreopsis Sizzle & Spice 'Crazy Cayenne'



Coreopsis Sizzle & Spice 'Curry Up'



Coreopsis Sizzle & Spice 'Hot Paprika'



Coreopsis Sizzle & Spice Red Hot Vanilla



Coreopsis Sizzle & Spice 'Sassy Saffron'



Coreopsis Sizzle & Spice 'Zesty Zinger'

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

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

'Sassy Saffron' PPAF

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

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

COREOPSIS (TICKSEED)

Coreopsis x hybrida

'JETHRO TULL'

ITSAUL PLANTS, INC.

Height: 15 in. (38 cm)

Bloom Months: May to August

USDA Hardiness Zones: 4a to 9b

PP18,789

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

'TEQUILA SUNRISE'

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

Bloom Months: June to October

USDA Hardiness Zones: 6a to 10b

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



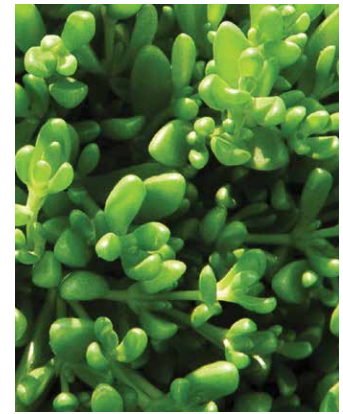
Delosperma Red Mountain Flame



Delosperma cooperi



Delosperma Fire Spinner



Delosperma nubigenum



Delosperma 'Jewel of Desert Garnet'



Delosperma 'Jewel of Desert Peridot'



Delosperma 'Jewel of Desert Ruby'



Delosperma 'Jewel of Desert Topaz'

DELOSPERMA ●
(ICE PLANT)
Delosperma

RED MOUNTAIN® FLAME

PLANT SELECT

Height: 2 to 3 in. (5 to 8 cm)
Bloom Months: June to August
USDA Hardiness Zones: 6a to 9b
'PWWG02S'

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

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

DELOSPERMA ●
(ICE PLANT)
Delosperma cooperi

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

Rose-pink flowers on mats of succulent leaves.

DELOSPERMA ●
(ICE PLANT)
Delosperma hybrid

FIRE SPINNER®

PLANT SELECT

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

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

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

JEWEL OF DESERT SERIES

CONCEPT PLANTS, B.V.

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

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

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



Delosperma
Wheels of Wonder
Fire Wonder



Delosperma
Wheels of Wonder
Golden Wonder



Delosperma
Wheels of Wonder
Hot Pink Wonder



Delosperma
Wheels of Wonder
Orange Wonder



Delosperma
Wheels of Wonder
Violet Wonder



Delosperma
Wheels of Wonder
White Wonder



Erysimum 'Bowles Mauve'



Digitalis Foxlight Plum Gold



Digitalis Foxlight Rose Ivory



Digitalis Foxlight Ruby Glow

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

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

- 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.

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DARWIN PERENNIALS

DIGITALIS ●
(FOXGLOVE)
Digitalis hybrida

FOXLIGHT™ SERIES

DARWIN PERENNIALS

Height: 22 to 24 in. (56 to 61 cm)
Bloom Months: May 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** 'Takfopigo' CPBR5341; PP26.586
- Rose Ivory** 'Takforoiiv' CPBR5342; PP26.554
- Ruby Glow** Platarium 2016 Silver Medal Winner 'Takforugl' PP25.640

DARWIN PERENNIALS

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.

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
 PP29,380

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

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



Erysimum 'Bowles Me Away'

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' PP29,657

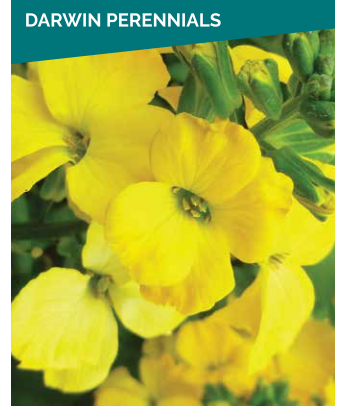
Lemon Yellow 'Balcherlemy'
 PP26,623

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' PP29,379



Erysimum Cheers Florange



Erysimum Cheers Lemon Yellow



Erysimum Cheers Mighty Mauve



Erysimum Cheers Sun-kissed Amethyst

DARWIN PERENNIALS



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 head in Fall.
- Tolerates seasonally wet to rather dry sites.

NEW



Eupatorium Euphoria Ruby

EUPATORIUM (JOE-PYE WEED)

Eupatorium purpureum

EUPHORIA™ RUBY

NEW FOR 2020

FLORENSIS, B.V.

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

Bloom Months: Summer to Fall

USDA Hardiness Zones: 5a to 9a

'FLOREUPREI' 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. One of the first compact Eupatorium for the modern garden landscape. Very attractive to pollinators and butterflies. Ideal for 2.5-qt. and 1-gal. pot sizes.



Euphorbia Walberton's Ruby Glow



Euphorbia Blackbird



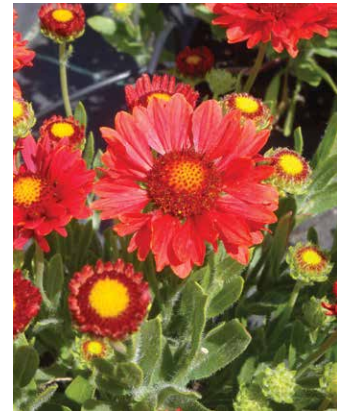
Euphorbia 'Bonfire'



Euphorbia 'Ascot Rainbow'



Euphorbia Tiny Tim



Gaillardia 'Celebration'

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.

EUPHORBIA ●●●
(SPURGE)
Euphorbia amygdaloides

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
'WaleuphLo' 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 on a compact, bushy habit contrast with dark purple foliage. Foliage is dark green when planted in shadier areas.

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 x martinii

'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.

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.

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
PP26,969

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



Gaillardia Gallo Bright Red



Gaillardia Gallo Dark Bicolor



Gaillardia Gallo Fire



Gaillardia Gallo Red



Gaillardia Gallo Yellow

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

Compact series with a uniform flower canopy features long-blooming for stunning Summer borders. 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)
Galium odoratum

Height: 6 to 12 in. (15 to 30 cm)

Bloom Months: April

USDA Hardiness Zones: 3a to 9b

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

GAURA 
(WAND FLOWER)
Gaura lindheimeri

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.



Galium odoratum



Gaura Passionate Blush

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.



Gaura 'Little Janie'

'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.



Gaura 'Whiskers Deep Rose'



Gaura Belleza Compact Light Pink



Gaura Gaudi Pink



Gaura Gaudi Red



Gaura Gaudi Rose



Gaura Belleza Dark Pink



Gaura Belleza White

BELLEZA® SERIES

SELECTA ONE®

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

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

Compact Light Pink 'KLEGL06261' CPBR3667

Dark Pink 'KLEAU04263' CPBR2860

White White is the most compact, well-branched white Gaura on the market. 'KLEGL14844'

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

GAUDI™ SERIES

FLORENSIS, B.V.

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

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

Pink 'Florgaucompi'

Red 'Florgaure' PP26,518

Rose 'Florgaucompro'

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

DARWIN PERENNIALS

BALLERINA™

Gaura Ballerina Rose



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.

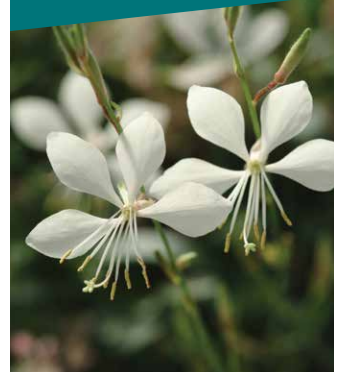
Rose 'Baltinrose' PP14,635
White 'Baltincite' PP20,326

DARWIN PERENNIALS



Gaura Ballerina Rose

DARWIN PERENNIALS



Gaura Ballerina White



Gaura Walberton's Pink Fountain



Gaura Walberton's Snow Fountain



Geum 'Totally Tangerine'



Geum Cocktails 'Alabama Slammer'



Geum Cocktails 'Mai Tai'



Geum Cocktails 'Tequila Sunrise'



Gaura 'Siskiyou Pink'



Gaura 'Whirling Butterflies'



Hedera English Ivy



Hedera 'Thorndale'



Helenium Mardi Gras

'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.

GEUM (AVENS)

Geum chilense 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 resistance.

'Alabama Slammer' PP23,750

'Mai Tai' PP22,433

'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, and forms upright clumps with sturdy stems that sway in the Summer breeze. Massed plantings form tight, shrubby bushes of impressive size in two years.

DARWIN PERENNIALS

SALUD™

Helenium Salud Yellow



HELENIUM (HELEN'S FLOWER)
Helenium autumnale

SALUD™ SERIES

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.

TOP SELLER Embers 'Balsaluemb'

PPAF

Golden 'Balsaluglo' PPAF

Yellow 'Balsalulow' PPAF

DARWIN PERENNIALS



Helenium Salud Embers

DARWIN PERENNIALS



Helenium Salud Golden

DARWIN PERENNIALS



Helenium Salud Yellow

DARWIN PERENNIALS



Helianthus 'Autumn Gold'

HELIANTHUS (WILLOWLEAF SUNFLOWER)

Helianthus salicifolius

'AUTUMN GOLD'

DARWIN PERENNIALS

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

Bloom Months: September to November

USDA Hardiness Zones: 5a to 10a
PP30.117

Excellent Fall-flowering companion to garden mums.

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

DARWIN PERENNIALS



Helioopsis 'Sunstruck'

HELIOOPSIS (OX-EYE)

Helioopsis 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

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 Helioopsis and stays in flower all Summer.
- Produces full one-gallon containers with more plants per rack and lower input costs.

DARWIN PERENNIALS



Heliopsis 'Double Sunstruck'



Heliopsis 'Lorraine Sunshine'

HELIOPSIS 
(OX-EYE)

Heliopsis helianthoides

'DOUBLE SUNSTRUCK'

DARWIN PERENNIALS

Height: 14 to 16 in. (36 to 41 cm)
Bloom Months: June to August
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.

'LORRAINE SUNSHINE'

MUST HAVE PERENNIALS®

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

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

HERBS

See page 11 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

RENE VAN GAALEN, B.V.

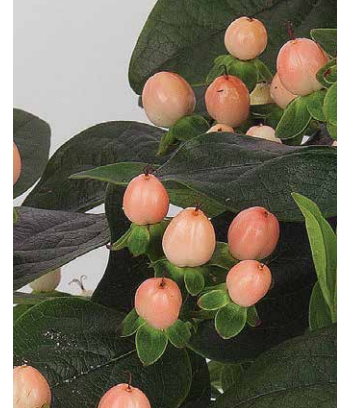
Height: 28 to 32 in. (71 to 81 cm)
Bloom Months: Late Spring to Summer
USDA Hardiness Zones: 6a to 9b

A series known for striking, ornamental berries. Plants are graced with bright yellow flowers 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' PP28,118
Night 'Allmadne' PP28,120
Pistache 'Allpista' PP27,972
Primo 'Allprimo' PP28,011



Hypericum Miracle Grandeur



Hypericum Miracle Horizon



Hypericum Miracle Night



Hypericum Miracle Pistache



Hypericum Miracle Primo



Hypericum calycinum

DARWIN PERENNIALS



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 'Summer Snowdrift'

IBERIS ●
(CANDYTUFT)
Iberis hybrid

'SUMMER SNOWDRIFT'

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.

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

PP29,637

TOP SELLER The largest flowers
of any compact Iberis!

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



Iberis 'Snowsation'



Iberis 'Alexander's White'

Iberis 'Purity'



Lamiastrum 'Herman'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'

'ALEXANDER'S WHITE'

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

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

'PURITY'

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

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

LAMIASTRUM 
(YELLOW ARCHANGEL)
Lamiastrum galeobdolon

'HERMAN'S PRIDE'

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

Trailing habit of green and silver leaves with yellow flowers.

'VARIEGATUM'

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

Silver-spotted foliage with yellow flowers in Spring.

LAMIUM 
(SPOTTED DEADNETTLE)
Lamium maculatum

'ANNE GREENAWAY'

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

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

'BEACON SILVER'

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

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

'ORCHID FROST'

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

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

'PINK PEWTER'

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

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

'PURPLE DRAGON'

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

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

'RED NANCY'

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

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

'SHELL PINK'

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

Soft pink flowers – excellent for shaded borders or containers.

'WHITE NANCY'

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

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

LAVANDULA ●
(ENGLISH LAVENDER)
Lavandula angustifolia

'ANNET'

NEW FOR 2020
DARWIN PERENNIALS

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

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

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



Lavandula 'Annet'

SUPERBLUE

DARWIN PERENNIALS

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: April to September
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



Lavandula SuperBlue



Lavandula Big Time Blue



Lavandula 'Hidcote'



Lavandula 'Blue Cushion'



Lavandula 'Munstead'



Lavandula Platinum Blonde



Lavandula 'Thumbelina Leigh'



Lavandula 'Vera'



Lavandula dentata



Lavandula 'Grosso'



Lavandula 'Provence'



Lavandula pinnata



Lavandula 'Goodwin Creek Grey'

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
'Momparter' 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.

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.

LAVANDULA (LAVENDER)

Lavandula x gingsinii

'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.

DARWIN PERENNIALS



Lavandula 'Anouk'

DARWIN PERENNIALS



Lavandula Anouk Supreme

DARWIN PERENNIALS



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 July

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

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

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

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

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

White Anouk Bright white, non-burning flags on blue flowers.

'Anouk Deluxe 10173' CPBRA; PP28,301

DARWIN PERENNIALS



Lavandula Double Anouk

DARWIN PERENNIALS



Lavandula 'Silver Anouk'

DARWIN PERENNIALS



Lavandula White Anouk



Lavandula Bright Luxurious



Lavandula Luxurious



Lavandula 'Otto Quast'



Lavandula 'Dilly Dilly'



Lavandula Phenomenal

BRIGHT LUXURIOUS

DARWIN PERENNIALS

Height: 14 to 18 in. (36 to 46 cm)
Bloom Months: March to July
USDA Hardiness Zones: 6a to 9b
 'Anouk Deluxe 1956' CPBR5617;
 PP26,496

- 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-colored flags than Luxurious.

'OTTO QUAST'

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

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

LAVANDULA (LAVENDER)

Lavandula x intermedia

'DILLY DILLY'

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

LUXURIOUS

DARWIN PERENNIALS

Height: 14 to 18 in. (36 to 46 cm)
Bloom Months: March to July
USDA Hardiness Zones: 6a to 9b
 'Anouk Deluxe 109' CPBR5615;
 PP26,494

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

Compact growth habit with flower spikes high above the foliage.

PHENOMENAL™

B & S PLANTS, LLC

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

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

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

LEUCANTHEMUM 
(SHASTA DAISY)

Leucanthemum x superbum

'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.



Leucanthemum 'Santé'

'WHITE MAGIC'

DARWIN PERENNIALS

Height: 20 to 24 in. (51 to 61 cm)

Bloom Months: May to August

USDA Hardiness Zones: 5b to 9b

PP29,737

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

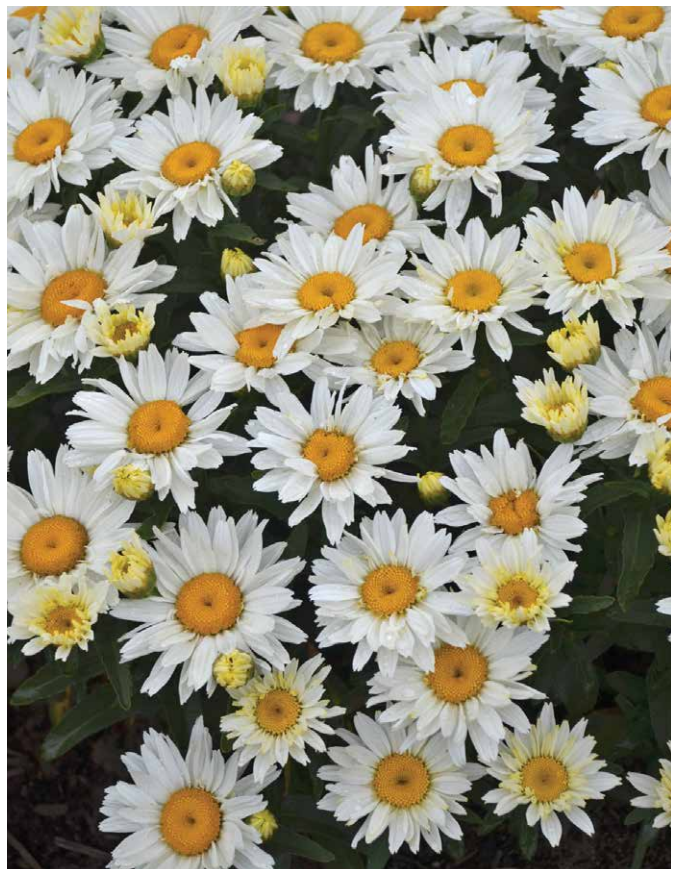
- Bred and selected for an extended flowering window.
- No deadheading is required for reblooming.



Leucanthemum 'White Magic'



Leucanthemum Ooh La LaGrande



Leucanthemum 'Cream Puff'



Leucanthemum Ooh La 'LaCrosse'



Leucanthemum Ooh La 'LaSpider'



Leucanthemum 'Snowcap'



Leucanthemum 'Becky'



Leucanthemum Spellbook Lumos

'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.

'CREAM PUFF'

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.

SPELLBOOK® LUMOS

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

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

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

OOH LA™ SERIES

FLORENSIS, B.V.

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

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

'LaCrosse' Unique, trumpet-shaped, white petals.
LaGrande Extra-large, white daisy flowers. 'Florleulag' PP29,736
'LaSpider' Height: 12 to 14 in. (30 to 36 cm)
 Makes a fun, frilly statement in beds and containers. Attractive, semi-double flowers and fringed flower petals.

'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.



Leucanthemum Freak!

LEUCANTHEMUM ●
(SHASTA DAISY)

Leucanthemum x superbum

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.

REALFLOR® COLLECTION

PLANTHAVEN, INC.

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

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

- NEW 'Real Charmer'** Cream-to-lemon blooms with contrasting deep golden centers, carried on very strong stems. PP25.664
- 'Real Dream'** Attractive, yellow flowers. PP25.664
- 'Real Galaxy'** Attractive, fringed, semi-double flowers. PP23.873
- 'Real Glory'** Attractive, crested flowers. PP25.733
- NEW 'Real Neat'** Multiple rows of perfectly fluted, horizontal petals and solid gold centers. PP26.185
- NEW 'Real Sunbeam'** Colorfast, deep yellow, single bloom petals contrasting with deep golden centers, carried on very strong stems. PP27.717

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



Leucanthemum 'Spoonful of Sugar'



Leucanthemum 'Whoops A Daisy'

'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.

'WHOOOPS A DAISY'

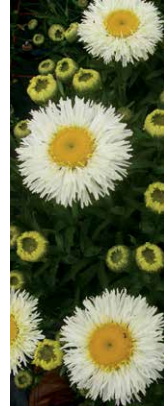
WALTERS GARDENS

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

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



Leucanthemum Realflor 'Real Charmer'



Leucanthemum Realflor 'Real Charmer'



Leucanthemum Realflor 'Real Neat'



Leucanthemum Realflor 'Real Sunbeam'



Lithodora 'Grace Ward'



Lithodora 'Heavenly Blue'



Lithodora 'White Star'



Lychnis Petite Jenny



Lysimachia 'Goldilocks'



Lysimachia 'Alexander'



Mazus reptans

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



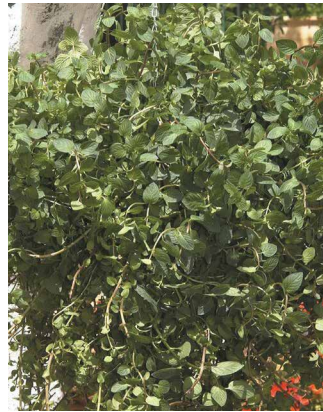
Mentha Pineapple Variegated



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

'AFTER EIGHT'

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

Green foliage with an excellent chocolate mint flavor.

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.

PEPPERMINT UPRIGHT

Height: 16 in. (40 cm)
Bloom Months: June to August
USDA Hardiness Zones: 3a to 7b

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

STRAWBERRY

Height: 24 in. (60 cm)
Bloom Months: June to August
USDA Hardiness Zones: 3a to 7b

Nice strawberry scented mint. Pink flower.

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 Sugar Buzz 'Grape Gumball'



Monarda Sugar Buzz 'Lilac Lollipop'



Monarda Sugar Buzz 'Pink Frosting'



Monarda Sugar Buzz 'Rockin' Raspberry'



Monarda 'Jacob Cline'



Monarda 'Marshall's Delight'

MONARDA (BEE BALM, BERGAMOT)
Monarda didyma

'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.

'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 resistance 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.

PP29,549

'Bubblegum Blast' Hot pink flowers. PPAF

TOP SELLER '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.

PP29,548

'Rockin' Raspberry' Deep raspberry-purple flowers. PPAF

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

DARWIN PERENNIALS



Monarda Balmy Rose

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 to North America, with heat and drought tolerance.

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

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

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.

MUEHLENBECKIA 
 (MAIDENHAIR VINE)
Muehlenbeckia axillaris

'NANA'

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

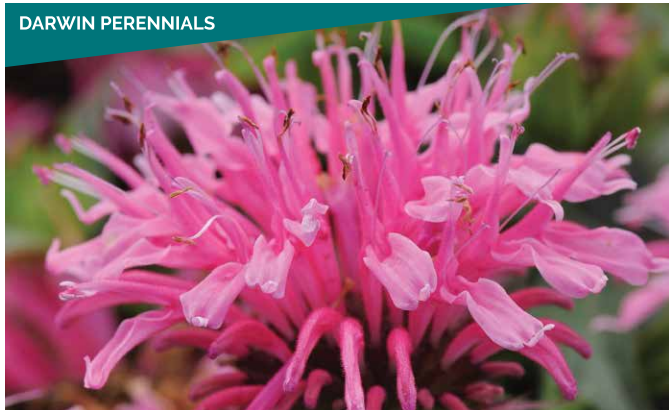
Bright green, rounded leaves on burgundy-green stems with tiny, yellow-green flowers.

DARWIN PERENNIALS



Monarda Balmy Lilac

DARWIN PERENNIALS

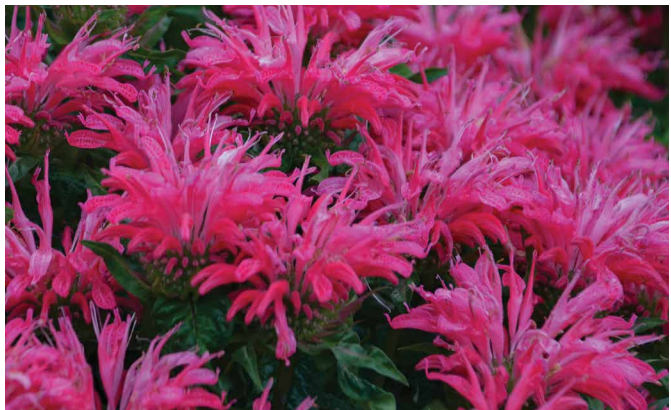


Monarda Balmy Pink

DARWIN PERENNIALS



Monarda Balmy Purple



Monarda 'Electric Neon Pink'

DARWIN PERENNIALS

NEW



Nepeta Blue Prelude

NEPETA 
(JAPANESE CAT MINT)
Nepeta hybrid

BLUE PRELUDE

NEW FOR 2020
DARWIN PERENNIALS

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

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

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

DARWIN PERENNIALS



Nepeta Junior Walker



Nepeta 'Blue Wonder'

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 And Plants.
- Lavender-blue flowers with gray-green foliage.
- Uniform flower canopy.

'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.



Nepeta 'Kitten Around'



Nepeta 'Purrsian Blue'



Nepeta 'Walker's Low'



Nepeta 'Six Hills Giant'



Ocimum 'Kasar'



Oenothera 'Siskiyou'



Oenothera 'Shimmer'

NEPETA (CATMINT)

Nepeta x faassenii

'KITTEN AROUND'

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.

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.

'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. (61 cm) wide.

NEPETA (CATMINT)

Nepeta mussinii

'SIX HILLS GIANT'

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

Bloom Months: May to October

USDA Hardiness Zones: 4a to 8b

A robust grower with large, blue flowers.

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 (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



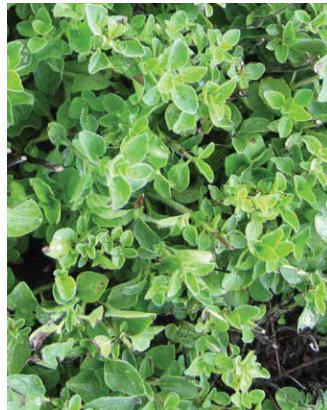
Origanum 'Compactum'



Origanum 'Kent Beauty'



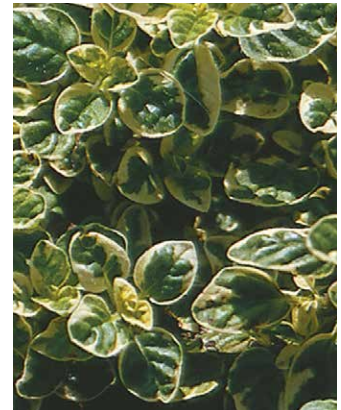
Origanum 'Aureum'



Origanum Greek



Origanum 'Hot and Spicy'



Origanum Variegated



Origanum Italian

ORIGANUM ●
(OREGANO)
Origanum laevigatum

'GENTLE BREEZE'

RENE VAN GAALLEN, B.V.
Height: 16 to 18 in. (41 to 46 cm)
Bloom Months: Spring to late Summer
USDA Hardiness Zones: 5a to 9b
'ALL120506' PP29,589

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 and 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

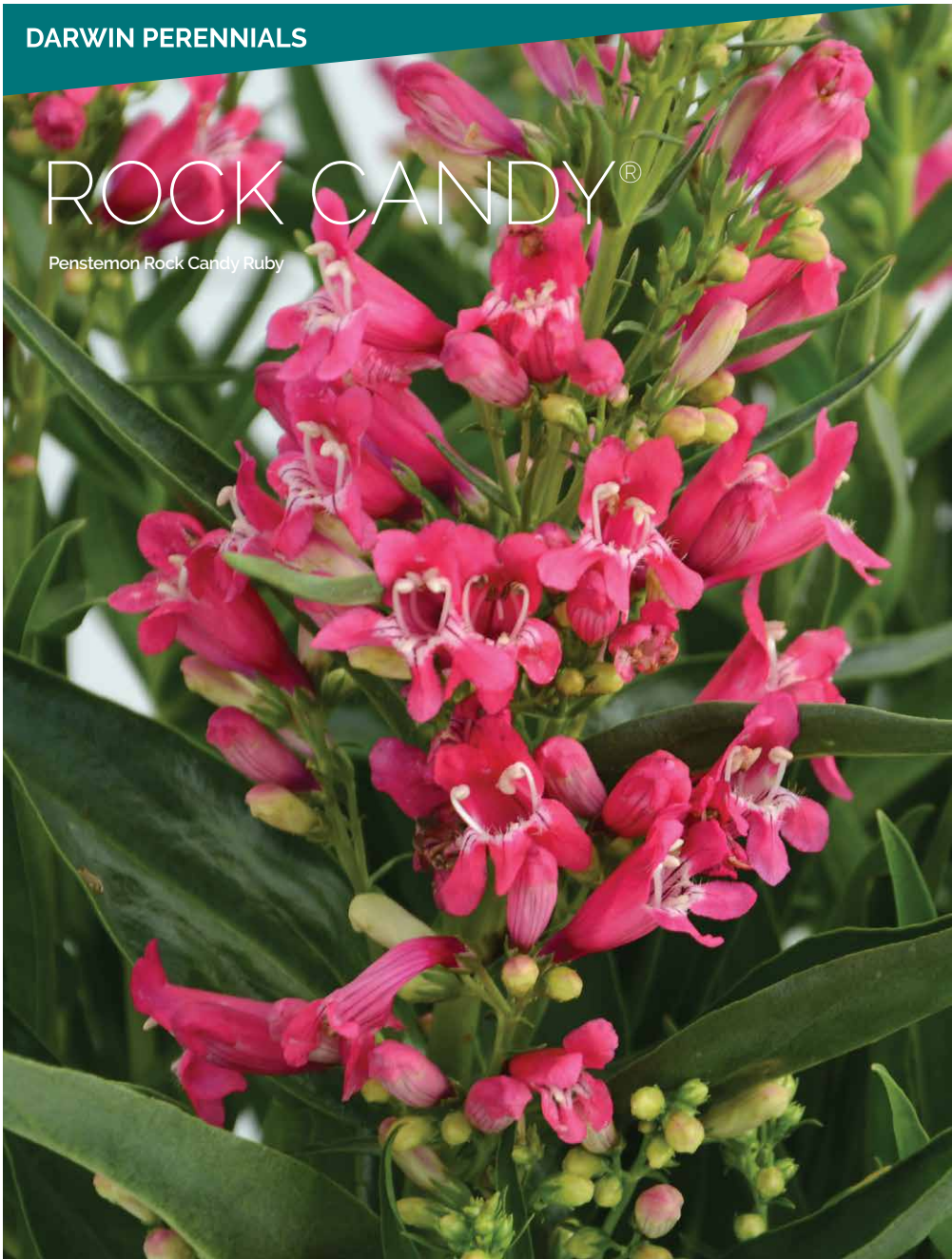
Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: None
USDA Hardiness Zones: 5a to 9b

Deliciously scented culinary herb.

DARWIN PERENNIALS

ROCK CANDY®

Penstemon Rock Candy Ruby



PENSTEMON (BEARD TONGUE)
Penstemon barbatus

ROCK CANDY® SERIES

DARWIN PERENNIALS

Height: 12 in. (30 cm)

Bloom Months: June to September

USDA Hardiness Zones: 5b 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 'Novapentig' PP27,787

Pink 'Novapenpin' PP26,701

Ruby 'Novapenrub' PP27,820

DARWIN PERENNIALS



Penstemon Rock Candy Blue

DARWIN PERENNIALS



Penstemon Rock Candy Light Pink

DARWIN PERENNIALS



Penstemon Rock Candy Pink

DARWIN PERENNIALS



Penstemon Rock Candy Ruby



Penstemon Polaris Magenta



Penstemon Polaris Purple



Penstemon 'Onyx and Pearls'



Penstemon 'Blackbeard'



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
PP30.052

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.

'ONYX AND PEARLS'

NEW FOR 2020
WALTERS GARDENS
Height: 42 in. (107 cm)
Bloom Months: Summer
USDA Hardiness Zones: 3a to 8b
PPAF

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

PENSTEMON ●
(BEARD TONGUE)
Penstemon hartwegii

POLARIS™ SERIES

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

'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, without the unsightly seed heads.



Penstemon 'Cherry Sparks'

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 throats.
- Dark green foliage forms a nice basal mat.

MINI-BELLS™ SERIES

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



Penstemon Little Bells



Penstemon Mini-Bells Red



Penstemon Mini-Bells Lavender Bicolor

DARWIN PERENNIALS



Penstemon MissionBells Deep Rose

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' PP28,852

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

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

DARWIN PERENNIALS



Penstemon Quartz Amethyst

DARWIN PERENNIALS



Penstemon Quartz Red

DARWIN PERENNIALS



Penstemon Quartz Rose

QUARTZ® SERIES

DARWIN PERENNIALS

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

Reblooms throughout the season for high-impact color.

- Sturdy, upright habit.
- Good basal branching.

Amethyst 'Novapename' PP27,821
NEW Red Vivid orange/red addition to the series is very heat tolerant and long flowering.
'Balquered' PPAF
Rose 'Novapenos' PP27,919



Perovskia 'Blue Jean Baby'



Perovskia 'Rocketman'

PENSTEMON ●
(BEARD TONGUE)
Penstemon x mexicali

RED ROCKS®

PLANT SELECT

Height: 30 in. (76 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 9b
'P0085'

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.

PIKE'S PEAK PURPLE®

PLANT SELECT

Height: 30 in. (76 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 9b
'P0075'

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.

PEROVSKIA ●
(RUSSIAN SAGE)
Perovskia atriplicifolia

'BLUE JEAN BABY'

WALTERS GARDENS

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

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

'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 Perovskia apart. Its aromatic, gray-green, non-dissected leaves line the silvery stems, which are topped with large, fluffy-textured, lavender-blue flowers.



Penstemon Red Rocks



Penstemon Pike's Peak Purple

DARWIN PERENNIALS



Perovskia 'CrazyBlue'

'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

TOP SELLER 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.

DARWIN PERENNIALS



Perovskia Little Lace

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'

PEROVSKIA ●
(RUSSIAN SAGE)
Perovskia atriplicifolia

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

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

PEROVSKIA ●
(RUSSIAN SAGE)
Perovskia atriplicifolia

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

Features the largest flowers of any Russian Sage – larger flowers for more color! Truly dwarf variety stays small in subsequent years, and dense branching prevents flopping.



Phlox 'Pink Minuet'



Perovskia Lacey Blue



Perovskia atriplicifolia



Phlox 'Blue Moon'

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 ●
(HYBRID PHLOX)
Phlox hybrida

'AMETHYST PEARL'

WALTERS GARDENS

Height: 18 in. (46 cm)
Bloom Months: Summer
USDA Hardiness Zones: 3a to 8b
PP28487

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

'PINK MINUET'

WALTERS GARDENS

Height: 8 to 10 in. (20 to 25 cm)
Bloom Months: 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.



Phlox 'May Breeze'



Phlox 'Rocky Road Periwinkle'



Phlox 'Bedazzled Lavender'



Phlox 'Rocky Road Violet Blue'



Phlox 'Bedazzled Orchid'



Phlox 'Bedazzled Pink'



Phlox 'Rocky Road Magenta'



Phlox 'Rocky Road Pink'

BEDAZZLED SERIES

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

ROCKY ROAD SERIES

WALTERS GARDENS

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

The perfect Spring groundcover for dry rock gardens.

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

NEW '**Rocky Road Periwinkle**' Lavender-blue variety. PPAF

'**Rocky Road Pink**' PPAF

NEW '**Rocky Road Violet Blue**' Violet-blue variety. PPAF

PAPARAZZI® COLLECTION

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

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

Angelina 'PPPHL07301' PP23,702

Jagger 'PHL090201' PP26,854

Levine 'PHL090401' PP26,852

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



Phlox Paparazzi Angelina



Phlox Paparazzi Jagger



Phlox Paparazzi Levine

PHLOX 
(GARDEN PHLOX)
Phlox paniculata

KA-POW® SERIES

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!

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

Lavender 'Balkapolav' PPAF

TOP SELLER **Pink** 'Balkapopink' PPAF

Purple 'Balkapopur' PPAF

White Bicolor 'Balkapowibi' PPAF

'CHERRY CREAM'

DARWIN PERENNIALS

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

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

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

DARWIN PERENNIALS

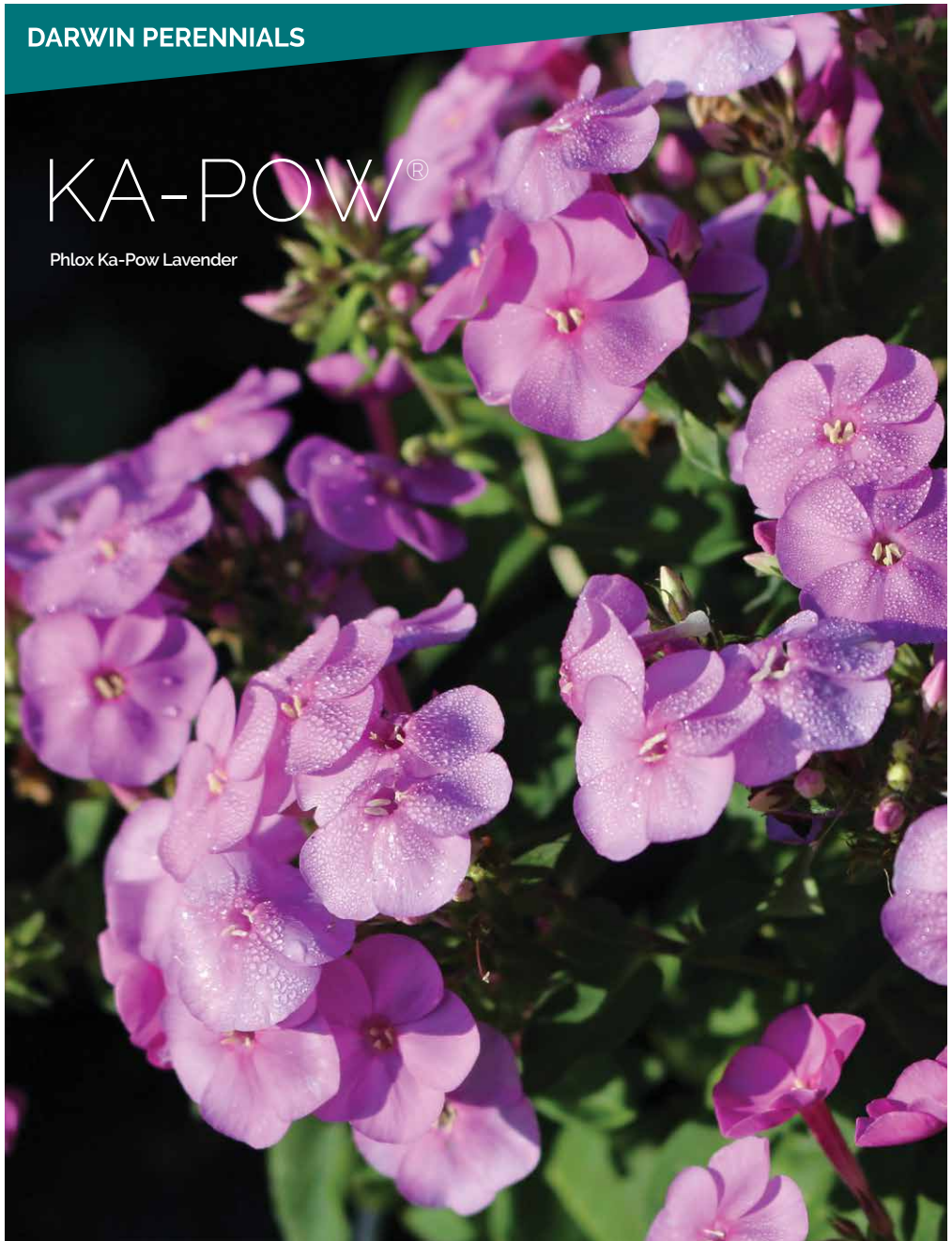


Phlox 'Cherry Cream'

DARWIN PERENNIALS

KA-POW®

Phlox Ka-Pow Lavender



DARWIN PERENNIALS



Phlox Ka-Pow Pink

DARWIN PERENNIALS



Phlox Ka-Pow Purple

DARWIN PERENNIALS



Phlox Ka-Pow White Bicolor



Phlox 'Fashionably Early Crystal'



Phlox 'Fashionably Early Flamingo'



Phlox 'Fashionably Early Lavender Ice'



Phlox 'Fashionably Early Princess'

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. PP29,911

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

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

GARDEN GIRLS™ COLLECTION

WALTERS GARDENS

Height: Varies by Variety
Bloom Months: July to August
USDA Hardiness Zones: 3a to 8b

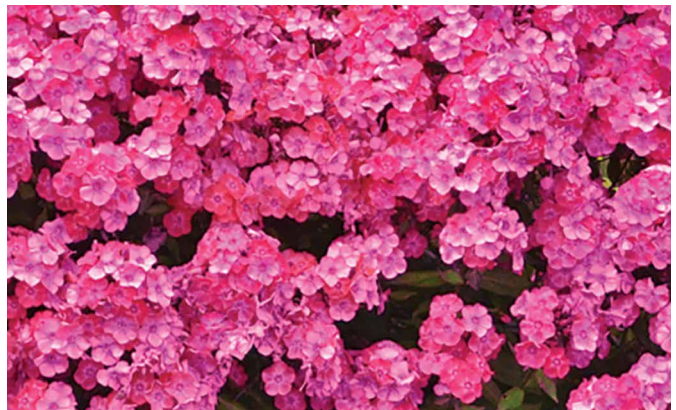
Tall garden Phlox collection topped with large panicles of vibrant-colored flowers. These varieties thrive in the heat and attract pollinators for a big show in the garden and containers.

NEW **'Cover Girl'** Height: 38 to 42 in. (97 to 107 cm) Upright variety with lavender-violet flowers and medium green foliage. PPAF

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



Phlox Garden Girls 'Cover Girl'



Phlox Garden Girls 'Glamour Girl'



Phlox 'Bright Eyes'



Phlox 'Laura'



Phlox 'Nicky'



Phlox 'Norah Leigh'



Phlox 'Starfire'



Phlox 'Red Riding Hood'



Phlox Younique Bicolor



Phlox Younique Cerise



Phlox Younique Old Blue



Phlox Younique Old Pink

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.

'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, creamy-white leaves with thin, green centers.

'RED RIDING HOOD'

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
Cerise 'Verscerise' PP26,102
Old Blue 'Versoldblue' PP26,070
Old Pink 'Versoldpink' PP26,139
'Orange'
Red



Phlox Younique 'Orange'



Phlox Younique Red



Phlox 'Eye Candy'



Phlox 'Eye Shadow'



Phlox 'Candy Stripe'



Phlox 'Coral Eyes'



Phlox 'Crimson Beauty'



Phlox 'Drummond's Pink'

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 a coral-red eye and green, needle-like leaves.

'CRIMSON BEAUTY'

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

Rosy-red blooms in early Spring.

'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, pink blooms.

'EYE CANDY'

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'

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 'Emerald Cushion Blue'



Phlox 'Emerald Pink'



Phlox Fabulous Blue Violet



Phlox Fabulous Rose



Phlox Fabulous White



Phlox 'Fort Hill'



Phlox 'Oakington Blue Eyes'



Phlox 'Purple Beauty'

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 'Florpfabv' PP29,410
Rose 'Florpfaro' PP29,409
White 'Florpfawh'

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

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

'SNOWFLAKE'

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

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

'WHITE DELIGHT'

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

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



Phlox 'Red Wings'



Phlox 'Scarlet Flame'



Phlox 'Snowflake'



Phlox 'White Delight'



Physostegia 'Autumn Carnival'

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
'NICAUCA' PP29,859

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 'Kaleidoscope'

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.



Physostegia 'Miss Manners'



Polemonium Bressingham Purple

POLEMONIUM ●●●
(JACOB'S LADDER)

Polemonium yezeense

'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.

'KALEIDOSCOPE'

NEW FOR 2020

WALTER BLOM PLANTS, B.V.

Height: 24 to 26 in. (61 to 66 cm)
Bloom Months: April to June
USDA Hardiness Zones: 5a to 9a

Flowers in late Spring to early Summer and offers great flower and foliage combinations. Emerges with cream-flushed, deep pink-red foliage and matures to bronze-green with creamy-yellow variegation, maintaining a pink flush with purple-blue flowers.



Polemonium Brise d'Anjou



Polemonium 'Touch of Class'

Prunella 'Summer Daze'

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'



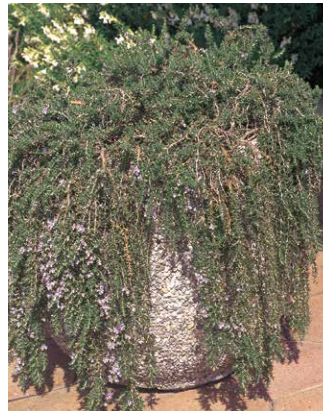
Rosmarinus 'Huntington Carpet'



Rosmarinus 'Madeline Hill'



Rosmarinus officinalis



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

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; reputedly 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 a 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

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 ●
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
'SER-WISH' PP27,057

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

'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 atop 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.

DARWIN PERENNIALS

MIRAGE™

Salvia Mirage Soft Pink

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
Cherry Red Colorado State University Flower Trial "Best of..." Award Winner 'Balmircher' PP28,527
Cream 'Balmircemi'
Deep Purple 'Balmirdepur' PP28,538

TOP SELLER **Hot Pink** 'Balmirhopi'

Neon Rose 'Balmirnose'

Pink 'Balmirpink'

Salmon A deep salmon bloom with a dark calyx. 'Balmirsal' PPAF

Soft Pink 'Balmirsopin'

Violet 'Balmirvio' PP29,724

White Crisp, clear white blooms. 'Balmirwite'



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 Salmon



Salvia Mirage Violet



Salvia Mirage White

RADIO RED



Salvia 'Radio Red'

'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

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.

BLUE BY YOU



Salvia 'Blue by You'

SALVIA ●
(SAGE)
Salvia hybrida

'BLUE BY YOU'

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.

DARWIN PERENNIALS



Salvia Arctic Blaze Fuchsia

DARWIN PERENNIALS



Salvia Arctic Blaze Purple

DARWIN PERENNIALS



Salvia Arctic Blaze Red

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

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.

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
 'SAL1010-1' PP25,183

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



Salvia 'Santa Barbara'

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
CPBR5343; PP27,018

The largest flowers of any *S. nemorosa*!

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

Plantarium 2016 Gold Medal Winner; HTA National Plant Show "Best In Show"



Salvia 'Blue Marvel'

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.

Blues 'Balyriclu' CPBR4639; PP22,919
Rose 'Balyricose' CPBR4868; PP24,274
Silvertone 'Balyricsil' CPBR4869; PP23,310
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



Salvia Lyrical Blues



Salvia Lyrical Rose



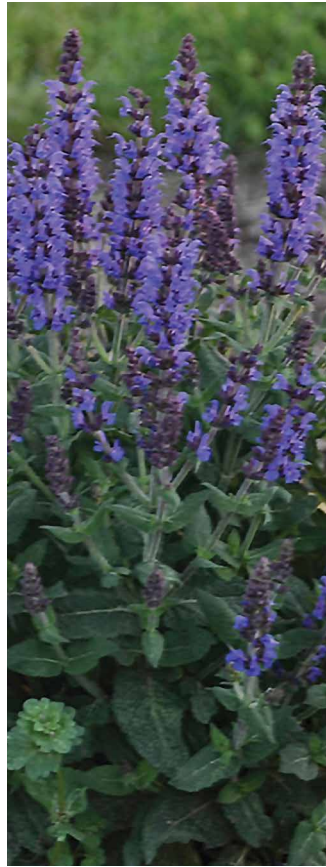
Salvia Lyrical Silvertone



Salvia Lyrical White



Salvia 'Bumbleberry'



Salvia 'Bumbleblue'



Salvia 'Bumblesky'



Salvia 'Bumblesnow'



Salvia 'Caradonna'

'BLUE HILL'

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

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

'BUMBLEBERRY'

WALTERS GARDENS
Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: 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
PP30,084

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

'BUMBLESKY'

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

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

'BUMBLESNOW'

WALTERS GARDENS
Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: 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.

'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 ●
(SAGE)

Salvia nemorosa

SENSATION™ COMPACT SERIES

FLORENSIS, B.V.

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

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

Deep Blue 'Florsaldblue' PP21,297

Sky Blue 'Florsalsbu'

White 'Florsalcwh'

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



Salvia Sensation Compact Deep Blue



Salvia Sensation Compact Sky Blue



Salvia Sensation Compact White

SENSATION™ MEDIUM SERIES

FLORENSIS, B.V.

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

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

Deep Blue 'Florsaldeep'

Deep Rose 'Florsaldro'

White 'Florsalcwh'

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



Salvia Sensation Medium Deep Blue



Salvia Sensation Medium Deep Rose



Salvia Sensation Medium White



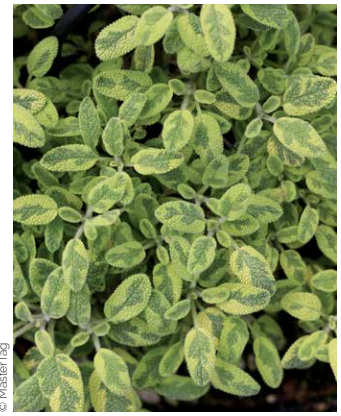
Salvia 'Aurea'



Salvia 'Berggarten'



Salvia Garden Sage



Salvia 'Icterina'



Salvia 'Purpurascens'



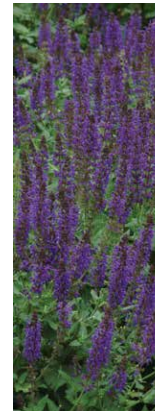
Salvia 'Tricolor'



Salvia 'Purple Rain'



Salvia 'East Friesland'



Salvia May Night



Salvia 'Snow Hill'

SALVIA ●
(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: 20 to 24 in. (51 to 61 cm)
Bloom Months: None
USDA Hardiness Zones: 5a to 8b

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

GARDEN SAGE

Height: 32 in. (81 cm)
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.



Salvia Fashionista 'Ballerina Pink'



Salvia Fashionista 'Evening Attire'



Salvia Fashionista 'Lilac Lipstick'



Salvia Fashionista 'Midnight Model'

SALVIA 
(SAGE)

Salvia pratensis

FASHIONISTA® SERIES

WALTERS GARDENS

Height: 18 to 24 in. (46 to 61 cm)

Bloom Months: May to August

USDA Hardiness Zones: 3a to 8b

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

'Ballerina Pink' Soft pink flowers are held by dark mauve-pink calyxes. PP29.957

NEW 'Evening Attire' Drought-tolerant, blue variety. PPAF

NEW 'Lilac Lipstick' Lavender-violet variety. PPAF

'Midnight Model' Striking violet-blue flowers are produced in a round, dense clump. PP29.498

NEW 'Moulin Rouge' Rose-pink variety. PPAF

'Pretty in Pink' Vibrant lavender-pink flowers are held on darker pink calyxes. Produces brightly colored flowers for a long bloom period. PP29.550

'Sweet Petite' PPAF

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



Salvia Fashionista 'Moulin Rouge'



Salvia Fashionista 'Pretty in Pink'



Salvia Fashionista 'Sweet Petite'



Scabiosa Flutter Deep Blue



Scabiosa Flutter Pure White



Scabiosa Flutter Rose Pink

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

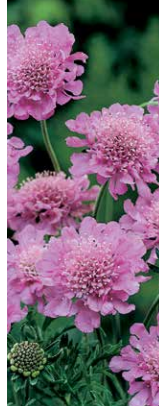
Compact habit and shorter peduncles for easier shipping and showing!

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



Scabiosa 'Butterfly Blue'



Scabiosa 'Pink Mist'



Santolina 'Nana'



Sedum 'Major'

'BUTTERFLY BLUE'

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

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

'PINK MIST'

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

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

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

'LITTLE MISS SUNSHINE'

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'

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 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 'Little Miss Sunshine'



Sedum 'Steel the Show'

SEDUM ●
(STONECROP)
Sedum rupestre

PRIMA ANGELINA

NEW FOR 2020
DARWIN PERENNIALS

Height: 3 to 6 in. (8 to 15 cm)
Bloom Months: July to August
USDA Hardiness Zones: 4a to 9b
'Gold Form' CPBRAFF; PPAF

Sport of Angelina, this variety offers bright color that holds throughout the season.

- Sedum Prima Angelina has a denser, more compact habit and more vivid golden color than Angelina.
- Low-growing and fast-spreading, with fleshy, needle-like foliage.
- Ideal for 1 to 2.5-qt. pot sizes.



Sedum Prima Angelina

'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 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 kamschatcicum

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.

SEDUM ●
(STONECROP)

Sedum kamschatcicum variegatum

'VARIEGATUM'

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

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

'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.



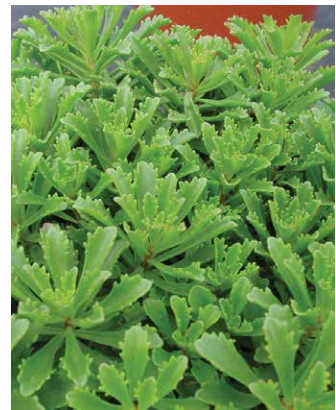
Sedum 'Angelina'



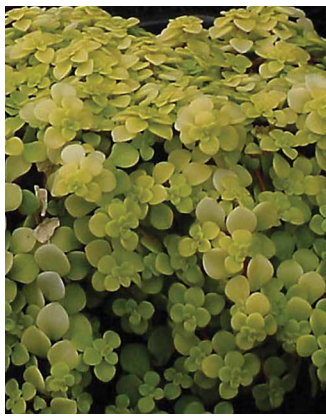
Sedum 'Coral Carpet'



Sedum 'Variegatum'



Sedum 'Weihenstephaner Gold'



Sedum 'Ogon'



Sedum pachyclados



Sedum 'Blue Spruce'



Sedum 'Chocolate Ball'



Sedum sexangulare



Sedum sieboldii



Sedum 'Autumn Fire'



Sedum 'Autumn Joy'



Sedum 'Pink Bomb'



Sedum 'Dragons Blood'



Sedum 'Fuldaglut'



Sedum 'John Creech'



Sedum 'Tricolor'

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 ●
(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 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 ●
(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.

SEDUM ●
(STONECROP)
Sedum spectabile

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.

SEDUM ●
(STONECROP)
Sedum spectabile

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

'DRAGONS BLOOD'

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

Green leaves with red margins and deep red blooms in Summer. Foliage turns bright red in Fall.

SEDUM ●
(STONECROP)
Sedum spurium

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 ●
(STONECROP)
Sedum spurium

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

Dense groundcover; striking green foliage and pink-purple blooms.

SEDUM ●
(STONECROP)
Sedum spurium

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 'Matrona'



Sedum 'Coral Reef'



Sedum 'Lemon Ball'



Sedum 'Vera Jameson'



Sempervivum 'Carmen'



Sempervivum 'Commander Hay'



Sempervivum 'Kalinda'



Sempervivum 'Red Beauty'



Sempervivum 'Royal Ruby'



Sempervivum 'Ruby Heart'



Sempervivum 'Silverine'

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 tetractinum

'CORAL REEF'

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

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

SEDUM (STONECROP)

Sedum x hybrida

'LEMON BALL'

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

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

'VERA JAMESON'

Height: 10 to 16 in. (25 to 41 cm)
Bloom Months: August to September
USDA Hardiness Zones: 3a to 9b

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

SEMPERVIVUM (HENS & CHICKS)

Sempervivum

'CARMEN'

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

Emerald green, succulent leaves with bright red tips.

'COMMANDER HAY'

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

Clumps of red and green rosettes.

'KALINDA'

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

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

'RED BEAUTY'

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

Dense rosettes are red in Summer and turn burgundy in cold weather. Color may vary from season to season. Produces clusters of light pink flowers in mid-Summer.

'ROYAL RUBY'

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

Forms dense mats of dark wine-red foliage.

'RUBY HEART'

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

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

'SILVERINE'

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

Muted green foliage with red overtones.



Sempervivum 'Cobweb'



Sempervivum 'Sunset'



Silene 'Clifford Moor'



Solidago Little Lemon



Solidago 'Fireworks'



Stachys 'Helene Von Stein'



Stachys 'Silver Carpet'



Stevia Sweet Leaf



Stachys 'Hummelo'



Teucrium chamaedrys

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

Variiegated leaves and 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
'Dansolitem' PP17,297

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

SOLIDAGO ●
(GOLDENROD)
Solidago rugosa

'FIREWORKS'

Height: 36 to 48 in. (91 to 122 cm)
Bloom Months: July to September
USDA Hardiness Zones: 5a to 9b

Golden-yellow flowers with wild, multi-branched panicles.

STACHYS ●
(LAMB'S EAR)
Stachys byzantina

'HELENE VON STEIN'

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

Clump-forming habit with big, broad leaves and velvety-soft, greenish-silver foliage. Great for edging, border gardens and containers.

'SILVER CARPET'

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

Drought-tolerant, low-growing and spreading variety with soft and fuzzy, oval, gray-white leaves.

STACHYS ●
(LAMB'S EAR)
Stachys monnieri

'HUMMELO'

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

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

STEVIA ●
(STEVIA)
Stevia rebaudiana

SWEET LEAF

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

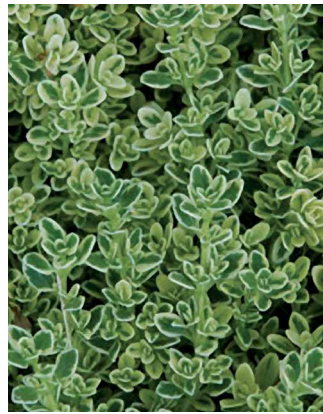
Evergreen sub-shrub with deep green leaves and rosy-purple flowers.



Thymus 'Albiflorus'



Thymus 'Coccineus' Creeping Thyme



Thymus Highland Cream



Thymus 'Pseudolanuginosus' Woolly Thyme



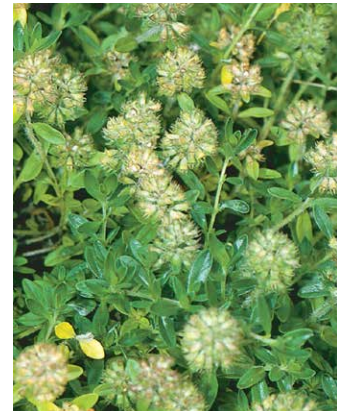
Thymus 'Elfin'



Thymus 'Magic Carpet'



Thymus 'Pink Chintz'



Thymus English

THYMUS (THYME)

Thymus praecox

'ALBIFLORUS'

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

Low-growing perennial with small, elliptical, green leaves and fuchsia-red blooms in Summer.

HIGHLAND CREAM

Height: 2 to 4 in. (5 to 10 cm)
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

Woolly creeper with gray foliage and white flowers; good for dry locations.

THYMUS (THYME)

Thymus serpyllum

'ELFIN'

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'

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'

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

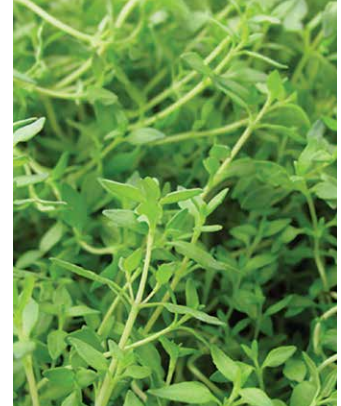
Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: None
USDA Hardiness Zones: 4a to 9b

TOP SELLER Popular culinary variety has rounded leaves, purple-pink flowers and a semi-creeping habit.

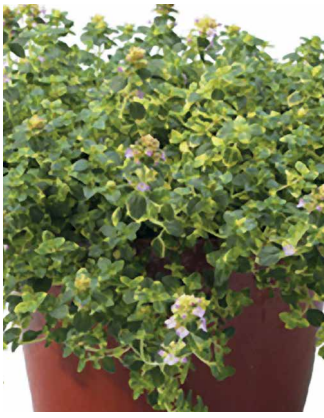
FRENCH

Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: None
USDA Hardiness Zones: 4a to 9b

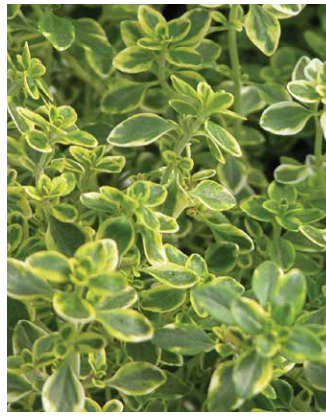
Purple to white flowers with narrow, fragrant, green leaves.



Thymus French



Thymus 'Doone Valley' Creeping Thyme



Thymus Golden Lemon



Thymus Lemon



Thymus Orange



Thymus Silver Edged



Thymus 'Silver King'



Thymus 'Spicy Orange'



Thymus 'Variegatus'



Verbena 'Lollipop'

THYMUS ●
(THYME)
Thymus x citriodorus

'DOONE VALLEY' CREEPING THYME

Height: 1 to 2 in. (3 to 5 cm)
Bloom Months: June to July
USDA Hardiness Zones: 5a to 5b

Also known as Creeping Lemon Thyme. Purple flowers with lemon-scented, green and golden variegated foliage. Excellent for planting between stepping stones and rock gardens.

GOLDEN LEMON

Height: 4 in. (10 cm)
Bloom Months: None
USDA Hardiness Zones: 6a to 9b

Pungently lemon-scented leaves are golden and variegated when grown in bright light.

LEMON

Height: 8 in. (20 cm)
Bloom Months: None
USDA Hardiness Zones: 5a to 9b

Lemon-scented, green leaves and lavender-pink flowers.

ORANGE

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

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'

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'

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'

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.



Verbena 'Homestead Purple'

DARWIN PERENNIALS



Veronica Venice Blue



Veronica 'Lavender Lightsaber'

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 (SPIKE SPEEDWELL)

Veronica

'LAVENDER LIGHTSABER'

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'

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 (SPEEDWELL)

Veronica longifolia

'BLUE SKYWALKER'

WALTERS GARDENS

Height: 28 to 30 in. (71 to 76 cm)
Bloom Months: Summer
USDA Hardiness Zones: 4a to 9b
 PP29,406

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



Veronica 'Mona Lisa Smile'



Veronica 'Blue Skywalker'



Veronica First Bride

FIRST BRIDE

NEW FOR 2020
 RENE VAN GAALEN, B.V.
Height: 16 to 22 in. (41 to 56 cm)
Bloom Months: April to August
USDA Hardiness Zones: 4a to 9b
 'Allvbride' PP29,854

Sturdy stems sport clean, white flowers on contrasting, dark green foliage. Frost-tolerant and disease-resistant Veronica can be used as garden cut flowers, while also flourishing in landscapes and gardens.

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 with short, thick spikes of deep blue flowers; vernalization not required.



Veronica First Glory



Veronica First Love

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, long-flowering addition to the First collection; 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

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



Veronica First Kiss



Veronica First Match

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, well-branched plants with short spikes of brilliant pink flowers; 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, long-flowering addition to the First collection; vernalization not required.



Veronica First Lady

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' PP29,059

Nice, soft blue, long-flowering addition to the First collection; vernalization not required.



Veronica First Memory

VERONICA 
(SPEEDWELL)
Veronica longifolia

FOREVER BLUE

'FOREVER BLUE'

DARWIN PERENNIALS

Height: 16 to 18 in. (41 to 46 cm)
Bloom Months: June to October
USDA Hardiness Zones: 5a to 9a
CPBR5323; 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 'Forever Blue'



Veronica 'Perfectly Picasso'



Veronica 'Royal Rembrandt'



Veronica 'Very Van Gogh'

'PERFECTLY PICASSO'

WALTERS GARDENS

Height: 22 to 26 in. (56 to 66 cm)
Bloom Months: Summer
USDA Hardiness Zones: 4a to 9b
 PP29,720

Paintbrush-like spikes produce white buds that open to medium pink flowers, creating a bicolor look. Attractive flowers cover the top half of the plant, showing off its healthy, medium green leaves on a beautifully rounded habit.

'ROYAL REMBRANDT'

WALTERS GARDENS

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

VERONICA (SPEEDWELL)

Veronica peduncularis

'GEORGIA BLUE'

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

Dense, gray-green, low-growing foliage has taller flowering stems covered with intense blue flowers.

'WATERPERRY BLUE'

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

Spreading habit with light blue flowers and purple Winter foliage.

'WHITEWATER'

CHICAGOLAND GROWS, INC.
Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4a to 8b
 PP22,783

Sport of 'Waterperry Blue' that produces bright white flowers on burgundy-green foliage.

VERONICA (CREEPING SPEEDWELL)

Veronica repens

'SUNSHINE'

Height: 1 to 4 in. (3 to 10 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 8b

Groundcover type, creeping with white blooms on gold foliage.

VERONICA (SPEEDWELL)

Veronica spicata

'GILES VAN HEES'

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

Dwarf form with dark green foliage and short, bright pink flower spikes.

'RED FOX'

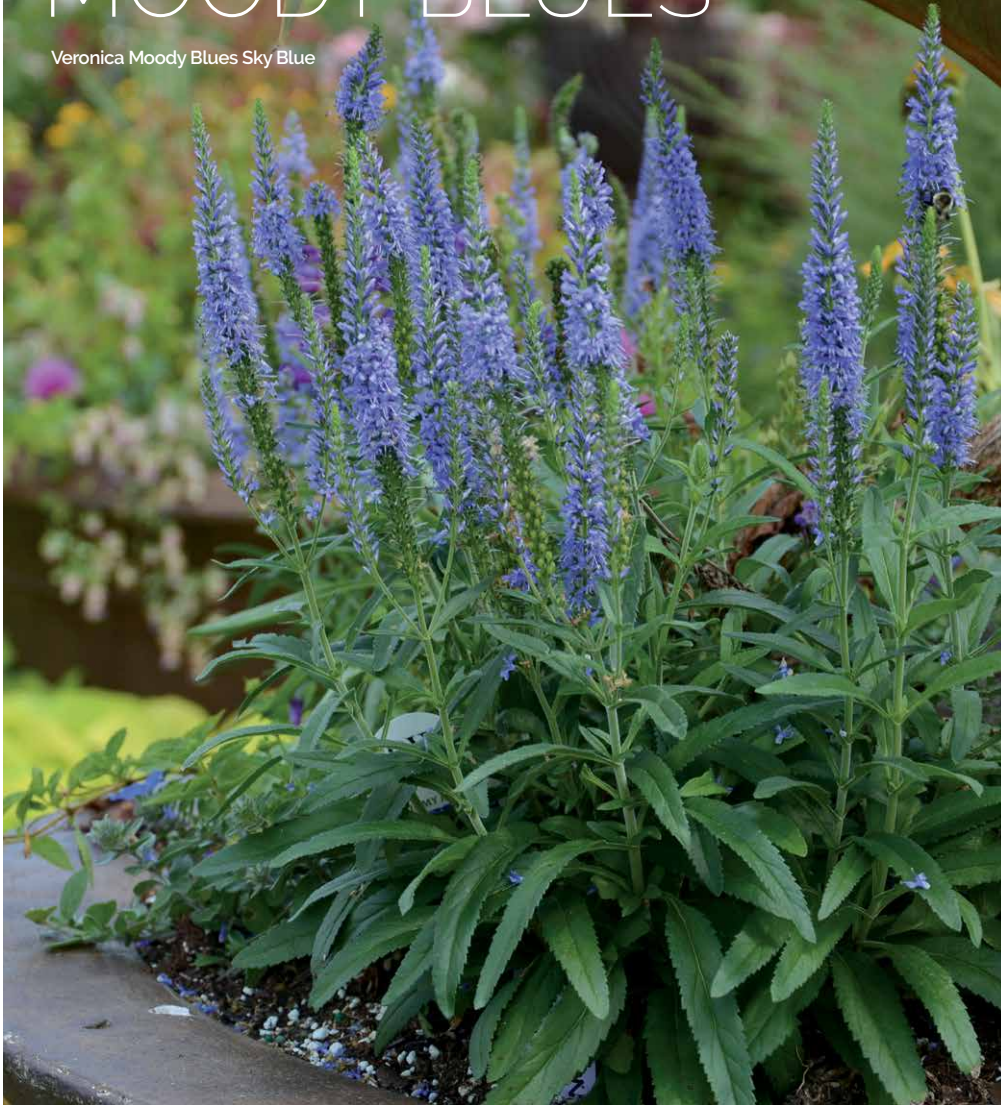
Height: 12 in. (30 cm)
Bloom Months: June to September
USDA Hardiness Zones: 3a to 8b

Produces rose-red spikes in Summer.

DARWIN PERENNIALS

MOODY BLUES®

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: 4b to 9b

Compact series of first-year-flowering Veronica.

- Excellent 1-gallon and 2.5-quart 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

NEW Dark Pink A long-flowering, deep pink addition to the series.

'Balmoodink' PPAF

NEW Mauve Improved

Performance improvement over original Mauve that is longer flowering, with more flowers and a better habit. Disease resistant.

'Balmoomaui' PPAF

Pink 'Novaverpin' PP25,748

Sky Blue 'Novaversky' PP27,835

White 'Novaverwhi'

DARWIN PERENNIALS



Veronica Moody Blues Dark Pink

DARWIN PERENNIALS



Veronica Moody Blues Mauve Improved

DARWIN



Veronica Moody Blues Dark Blue

DARWIN



Veronica Moody Blues Pink

DARWIN



Veronica Moody Blues Sky Blue

DARWIN



Veronica Moody Blues White

DARWIN PERENNIALS



Veronica 'Purpleicious'

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.



Veronica Royal Candles



Veronica 'Sunny Border Blue'

VERONICA (SPEEDWELL)

Veronica spicata

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.

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.



Vinca 'Bowles Cunningham'



Vinca 'Illumination'

DARWIN PERENNIALS

HALO

Viola Halo Series



VIOLA (VIOLET)
Viola cornuta

HALO SERIES

DARWIN PERENNIALS

Height: 8 to 10 in. (20 to 25 cm)
Bloom Months: February 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.

'Halo Golden Yellow' An excellent rich, golden-yellow color addition to the series. PPAF

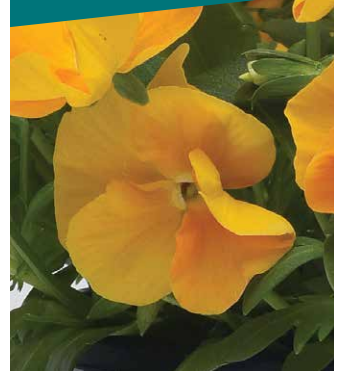
'Halo Lemon Frost' Extra-large, two-toned flowers captivate customers for early sales. PP26,383

'Halo Lilac' CPBR4837; PP24,542

'Halo Sky Blue' CPBR4838; PP24,541

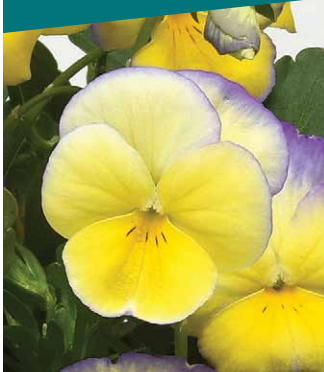
'Halo Violet' CPBR4839; PP24,428

DARWIN PERENNIALS



Viola 'Halo Golden Yellow'

DARWIN PERENNIALS



Viola 'Halo Lemon Frost'

DARWIN PERENNIALS



Viola 'Halo Lilac'

DARWIN PERENNIALS



Viola 'Halo Sky Blue'

DARWIN PERENNIALS



Viola 'Halo Violet'



Viola Celestial Blue Moon



Viola Celestial Northern Lights



Viola Celestial Starry Night



Viola Celestial Twilight



Viola 'Etain'



Viola 'Rebecca Cawthorne'

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.

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.



Waldsteinia ternata

'ETAINE'

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.

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	Alyssum 'Golden Spring'	Alyssum 'Golden Spring'	Alyssum 'Golden Spring'	
	Armeria Dreameria®	Armeria Dreameria	Armeria Dreameria	
	Dianthus Mountain Frost	Dianthus Mountain Frost	Dianthus Mountain Frost	
	Iberis 'Snowsation'	Iberis 'Snowsation'	Iberis 'Snowsation'	
	Lavender 'Anouk'	Lavender 'Anouk'	Lavender 'Anouk'	
	Salvia Lyrical™	Salvia Lyrical	Salvia Arctic Blaze®	
	Salvia Marvel	Salvia Marvel	Salvia Lyrical	
	Salvia Mirage™	Salvia Mirage	Salvia Marvel	
	Veronica Moody Blues®	Veronica Moody Blues	Salvia Mirage	
	Viola Halo	Viola Halo	Veronica Moody Blues	
SPRING	Achillea New Vintage™	Achillea New Vintage	Achillea New Vintage	
	Armeria Dreameria	Armeria Dreameria	Armeria Dreameria	
	Coreopsis 'Golden Stardust'	Coreopsis 'Golden Stardust'	Coreopsis 'Golden Stardust'	
	Coreopsis 'Super Star'	Coreopsis 'Super Star'	Coreopsis 'Super Star'	
	Coreopsis UpTick™	Coreopsis UpTick	Coreopsis UpTick	
	Dianthus Mountain Frost	Dianthus Mountain Frost	Dianthus Mountain Frost	
	Echinacea Sombbrero®	Echinacea Sombbrero	Echinacea Sombbrero	
	Heuchera Carnival	Heuchera Carnival	Heuchera Carnival	
	Iberis 'Summer Snowdrift'	Iberis 'Summer Snowdrift'	Iberis 'Summer Snowdrift'	
	Lavender SuperBlue	Lavender SuperBlue	Lavender SuperBlue	
	Miscanthus Bandwidth	Miscanthus Bandwidth	Miscanthus Bandwidth	
	Monarda Balmy™	Monarda Balmy	Monarda Balmy	
	Penstemon MissionBells™ Deep Rose	Penstemon MissionBells Deep Rose	Penstemon MissionBells Deep Rose	
	Penstemon Quartz®	Penstemon Quartz	Penstemon Quartz	
	Penstemon Rock Candy®	Penstemon Rock Candy	Penstemon Rock Candy	
	Salvia Lyrical	Salvia Lyrical	Salvia Lyrical	
	Salvia Marvel	Salvia Marvel	Salvia Marvel	
Veronica Moody Blues	Veronica Moody Blues	Veronica Moody Blues		
SUMMER*	Achillea New Vintage	Achillea New Vintage	Achillea New Vintage	
	Armeria Dreameria	Armeria Dreameria	Armeria Dreameria	
	Caryopteris Grand Bleu®	Caryopteris Grand Bleu	Caryopteris Grand Bleu	
	Erysimum Cheers™	Erysimum Cheers	Erysimum Cheers	
	Heliopsis 'Sunstruck'	Heliopsis 'Sunstruck'	Heliopsis 'Sunstruck'	
	Iberis 'Summer Snowdrift'	Iberis 'Summer Snowdrift'	Iberis 'Summer Snowdrift'	
	Lavender SuperBlue	Lavender SuperBlue	Lavender SuperBlue	
	Perovskia 'CrazyBlue'	Perovskia 'CrazyBlue'	Perovskia 'CrazyBlue'	
	Phlox 'Cherry Cream'	Phlox 'Cherry Cream'	Phlox 'Cherry Cream'	
	Phlox Ka-Pow®	Phlox Ka-Pow	Phlox Ka-Pow	
	Salvia Lyrical	Salvia Lyrical	Salvia Lyrical	
	Salvia Marvel	Salvia Marvel	Salvia Marvel	
	Scabiosa Flutter™	Scabiosa Flutter	Scabiosa Flutter	
FALL*	Achillea New Vintage	Achillea New Vintage	Achillea New Vintage	
	Coreopsis UpTick	Coreopsis UpTick	Coreopsis UpTick	
	Digitalis Foxtlight™	Digitalis Foxtlight	Digitalis Foxtlight	
	Dreameria Armeria	Dreameria Armeria	Dreameria Armeria	
	Echinacea Sombbrero	Echinacea Sombbrero	Echinacea Sombbrero	
	Helenium Salud™	Helenium Salud	Helenium Salud	
	Helianthus 'Autumn Gold'	Helianthus 'Autumn Gold'	Helianthus 'Autumn Gold'	
	Heuchera Carnival	Heuchera Carnival	Heuchera Carnival	
	Miscanthus Bandwidth	Miscanthus Bandwidth	Miscanthus Bandwidth	
	Penstemon Rock Candy	Penstemon Rock Candy	Penstemon Rock Candy	
	Perovskia 'CrazyBlue'	Perovskia 'CrazyBlue'	Perovskia 'CrazyBlue'	
	Salvia Lyrical	Salvia Lyrical	Salvia Lyrical	
	Salvia Marvel	Salvia Marvel	Salvia Marvel	
	Salvia Mirage	Salvia Mirage	Salvia Mirage	

* Many of these varieties are included in our Summer and Fall culture trials.

	CANADA	MIDWEST	GREAT LAKES	NORTHEAST
	Alyssum 'Golden Spring'	Alyssum 'Golden Spring'	Alyssum 'Golden Spring'	Alyssum 'Golden Spring'
	Dianthus Mountain Frost	Dianthus Mountain Frost	Dianthus Mountain Frost	Dianthus Mountain Frost
	Iberis 'Snowsation'	Iberis 'Snowsation'	Iberis 'Snowsation'	Iberis 'Snowsation'
	Lavender 'Anouk'	Lavender 'Anouk'	Lavender 'Anouk'	Lavender 'Anouk'
	Viola Halo	Phlox subulata	Phlox subulata	Phlox subulata
		Viola Halo	Viola Halo	Viola Halo
	Achillea New Vintage	Achillea New Vintage	Achillea New Vintage	Achillea New Vintage
	Coreopsis 'Golden Stardust'	Armeria Dreameria	Armeria Dreameria	Armeria Dreameria
	Coreopsis 'Super Star'	Coreopsis 'Golden Stardust'	Coreopsis 'Golden Stardust'	Coreopsis 'Golden Stardust'
	Dianthus Mountain Frost	Coreopsis 'Super Star'	Coreopsis 'Super Star'	Coreopsis 'Super Star'
	Echinacea Sombrero	Coreopsis UpTick	Coreopsis UpTick	Coreopsis UpTick
	Heuchera Carnival	Dianthus Mountain Frost	Dianthus Mountain Frost	Dianthus Mountain Frost
	Iberis 'Summer Snowdrift'	Echinacea Sombrero	Echinacea Sombrero	Echinacea Sombrero
	Monarda Balmy	Heuchera Carnival	Heuchera Carnival	Heuchera Carnival
	Penstemon MissionBells Deep Rose	Iberis 'Summer Snowdrift'	Iberis 'Summer Snowdrift'	Iberis 'Summer Snowdrift'
	Lavender SuperBlue	Lavender SuperBlue	Lavender SuperBlue	Lavender SuperBlue
	Salvia Lyrical	Miscanthus Bandwidth	Miscanthus Bandwidth	Miscanthus Bandwidth
	Salvia Marvel	Monarda Balmy	Monarda Balmy	Monarda Balmy
	Veronica Moody Blues	Penstemon Quartz	Penstemon Rock Candy	Penstemon Quartz
	Viola Halo	Penstemon Rock Candy	Salvia Lyrical	Penstemon Rock Candy
		Salvia Lyrical	Salvia Marvel	Salvia Lyrical
		Salvia Marvel	Veronica Moody Blues	Salvia Marvel
		Veronica Moody Blues	Viola Halo	Veronica Moody Blues
		Viola Halo		Viola Halo
	Achillea New Vintage	Achillea New Vintage	Achillea New Vintage	Achillea New Vintage
	Armeria Dreameria	Armeria Dreameria	Armeria Dreameria	Armeria Dreameria
	Caryopteris Grand Bleu	Caryopteris Grand Bleu	Caryopteris Grand Bleu	Caryopteris Grand Bleu
	Erysimum Cheers	Heliopsis 'Sunstruck'	Heliopsis 'Sunstruck'	Heliopsis 'Sunstruck'
	Heliopsis 'Sunstruck'	Iberis 'Summer Snowdrift'	Iberis 'Summer Snowdrift'	Iberis 'Summer Snowdrift'
	Iberis 'Summer Snowdrift'	Lavender SuperBlue	Lavender SuperBlue	Lavender SuperBlue
	Lavender SuperBlue	Penstemon MissionBells Deep Rose	Penstemon MissionBells Deep Rose	Penstemon MissionBells Deep Rose
	Perovskia 'CrazyBlue'	Perovskia 'CrazyBlue'	Perovskia 'CrazyBlue'	Perovskia 'CrazyBlue'
	Phlox 'Cherry Cream'	Phlox 'Cherry Cream'	Phlox 'Cherry Cream'	Phlox 'Cherry Cream'
	Phlox Ka-Pow	Phlox Ka-Pow	Phlox Ka-Pow	Phlox Ka-Pow
	Salvia Lyrical	Salvia Lyrical	Salvia Lyrical	Salvia Lyrical
	Salvia Marvel	Salvia Marvel	Salvia Marvel	Salvia Marvel
	Scabiosa Flutter	Scabiosa Flutter	Scabiosa Flutter	Scabiosa Flutter
	Achillea New Vintage	Achillea New Vintage	Achillea New Vintage	Achillea New Vintage
	Coreopsis UpTick	Coreopsis UpTick	Coreopsis UpTick	Coreopsis UpTick
	Echinacea Sombrero	Echinacea Sombrero	Echinacea Sombrero	Echinacea Sombrero
	Helenium Salud	Helenium Salud	Helenium Salud	Helenium Salud
	Helianthus 'Autumn Gold'	Helianthus 'Autumn Gold'	Helianthus 'Autumn Gold'	Helianthus 'Autumn Gold'
	Heuchera Carnival	Heuchera Carnival	Heuchera Carnival	Heuchera Carnival
	Perovskia 'CrazyBlue'	Miscanthus Bandwidth	Miscanthus Bandwidth	Miscanthus Bandwidth
	Salvia Lyrical	Perovskia 'CrazyBlue'	Perovskia 'CrazyBlue'	Perovskia 'CrazyBlue'
	Salvia Marvel	Salvia Lyrical	Salvia Lyrical	Salvia Lyrical
		Salvia Marvel	Salvia Marvel	Salvia Marvel

CULTURE GUIDE:
ALL YOU NEED
TO GROW
THE **FINEST**
PERENNIALS IN
THE INDUSTRY.



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





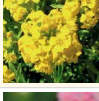







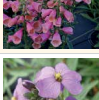

The keys to success when overwintering perennials are:

- 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.







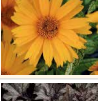
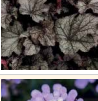

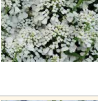





DARWIN PERENNIALS PROPAGATION GUIDE

PAGE		CROP	SERIES/VARIETY	MEDIA EC/PH	SOIL TEMPERATURE	ROOTING HORMONE	
25		ACHILLEA <i>Achillea hybrida</i>	Moon Dust	EC 1.0-1.25 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	
23		ACHILLEA <i>Achillea millefolium</i>	Milly Rock™ Series	EC 1.0-1.25 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	
22, 25		ACHILLEA <i>Achillea millefolium</i>	New Vintage™ Series, Song Siren™ Layla	EC 1.0-1.25 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	
27		AGASTACHE <i>Agastache rugosa</i>	Little Adder	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
29		ALYSSUM <i>Alyssum wulfenianum</i>	Golden Spring	EC 0.80-1.0 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
31		ARMERIA <i>Armeria pseudarmeria</i>	Dreameria® Series	EC 0.80 mmhos/pH 5.8-6.2	70-74°F (21-23°C)	2,500 ppm IBA	
36		CARYOPTERIS <i>Caryopteris hybrida</i>	Gold Crest	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000-3,000 ppm IBA	
36		CARYOPTERIS <i>Caryopteris x clandonensis</i>	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	
39		COREOPSIS <i>Coreopsis grandiflora</i>	Sunny Day	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	
38, 39,*		COREOPSIS <i>Coreopsis hybrida</i>	Electric Sunshine, Golden Stardust, Super Star, UpTick™ Series*	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	
40		COREOPSIS <i>Coreopsis verticillata</i>	Crème Caramel, Sylvester	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	
13		DIANTHUS <i>Dianthus hybrida</i>	Mountain Frost™ Collection	EC 0.80 mmhos/pH 5.8-6.2	68-70°F (20-21°C)	500 ppm IBA	
, 43		DIGITALIS <i>Digitalis hybrida</i>	Arctic Fox Rose, 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	
44		ERYSIMUM <i>Erysimum linifolium</i>	Bowles Me Away, Cheers™ Series	EC 0.80 mmhos/pH 5.8-6.2	68-70°F (20-21°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	Pinch to remove flower buds	35-42 days after sticking	Mist enough to rehydrate cuttings. Do not over-mist beyond day 2 or 3. Do not stick cuttings too deep. Tall leaves can be trimmed if necessary.
	Low to moderate	50-75 ppm N	Not necessary, remove premature flowers.	28-35 days after sticking	Do not over-mist.
	Low to moderate	50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	28-35 days after sticking	Stick cuttings the day of arrival, if possible.
	Low	50-75 ppm N	Recommended. Soft pinch. Lower nodes may become inactive.	35-42 days after sticking	This Alyssum requires light mist and soil moisture. Can be rooted under a dome or tent. Do not over-mist.
	Low	100 ppm N starting at Day 7	Not necessary.	42-45 days after sticking	Quite easy to propagate. Do not over-mist. Remove from mist after 10 to 12 days. Allow media to dry slightly between irrigations to encourage root development.
	Low to moderate	50-75 ppm N	Pinch once in the liner stage.	35-42 days after sticking	Discontinue mist as quickly as possible once rooting occurs.
	Low to moderate	50-75 ppm N	Yes, 1 pinch 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.
	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	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.

DARWIN PERENNIALS PROPAGATION GUIDE

PAGE		CROP	SERIES/VARIETY	MEDIA EC/PH	SOIL TEMPERATURE	ROOTING HORMONE	
45		EUPATORIUM <i>Eupatorium dubium</i>	Little Joe	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
45		EUPATORIUM <i>Eupatorium purpureum</i>	Euphoria™ Ruby	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
50, 49		GAURA <i>Gaura lindheimeri</i>	Ballerina™ Series, Belleza® Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	68-73°F (20-23°C)	500 ppm IBA	
48		GAURA <i>Gaura lindheimeri</i>	Little Janie, Whiskers Deep Rose	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
52		HELENIUM <i>Helenium autumnale</i>	Salud™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	
53		HELIANTHUS <i>Helianthus salicifolius</i>	Autumn Gold	EC 0.80 mmhos/pH 5.8-6.2	70-74°F (21-23°C)	500 ppm IBA	
54, 53		HELIOPSIS <i>Heliopsis helianthoides</i>	Double Sunstruck, Sunstruck	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	
19		HEUCHERA <i>Heuchera x hybrida</i>	Carnival Series	EC 0.80-1.0 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	
55		IBERIS <i>Iberis gibraltarica</i>	Lavish	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
55		IBERIS <i>Iberis hybrid</i>	Summer Snowdrift	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
56		IBERIS <i>Iberis sempervirens</i>	Snowsation	EC 0.80 mmhos/pH 5.8-6.2	68-72°F (20-22°C)	300 ppm IBA	
58		LAVANDULA <i>Lavandula angustifolia</i>	Annet, SuperBlue	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
60, 61		LAVANDULA <i>Lavandula stoechas</i>	Anouk Series, Bright Luxurious, Luxurious	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
62		LEUCANTHEMUM <i>Leucanthemum x superbum</i>	Santé	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
62		LEUCANTHEMUM <i>Leucanthemum x superbum</i>	White Magic	EC 0.80 mmhos/pH 5.8-6.4	68-74°F (20-23°C)	500 ppm IBA	








	MIST	FERTILIZATION	PINCHING	TRANSPLANTING	COMMENTS
	High for first few days, then reduce to moderate	50-100 ppm N	Recommended.	42-49 days after sticking	
	Low to moderate	50 ppm N starting at Day 7	Yes, pinch once in propagation around day 21.	42-49 days after sticking	Eupatorium are quite easy to root. Use a basal hormone tip to ensure rooting uniformity.
	Low to moderate	75-100 ppm N when roots become visible; increase to 150-200 ppm N as roots develop	Yes, 7 days before transplanting.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
	Low to moderate	50-75 ppm N when roots become visible	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
	Moderate	50-75 ppm N	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 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	50-75 ppm N when roots become visible	Recommended after roots are established. Leave active internodes.	28-35 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation. Cuttings typically arrive with flowers already induced due to cool night temperatures in Colombia. Non-induced cuttings require 6 weeks of night temperatures below 55°F (13°C) to flower.
	Low to moderate	100 ppm N starting at Day 10	Yes, pinch after 4 weeks. Can be double pinched in the liner stage for even greater branching.	42-49 days after sticking, 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 rather than mist	50-75 ppm N	Recommended.	42-56 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
	Low; prefers high humidity 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	
68		MONARDA <i>Monarda didyma</i>	Balmy™ Series	EC 1.0-1.25 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
69		NEPETA <i>Nepeta hybrid</i>	Blue Prelude	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	
69		NEPETA <i>Nepeta x faassenii</i>	Junior Walker™	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	
72		PENSTEMON <i>Penstemon barbatus</i>	Rock Candy® Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
74, 75		PENSTEMON <i>Penstemon hybrida</i>	Cherry Sparks, Quartz® Series, Little Bells	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
74		PENSTEMON <i>Penstemon hybrida</i>	Mini-Bells™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
75		PENSTEMON <i>Penstemon hybrida</i>	MissionBells™ Deep Rose	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
77		PEROVSKIA <i>Perovskia atriplicifolia</i>	CrazyBlue, Little Lace	EC 1.0-1.25 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000-1,500 ppm IBA	
80		PHLOX <i>Phlox paniculata</i>	Cherry Cream, Ka-Pow® Series	EC 0.80 mmhos/pH 5.8-6.2	68-74°F (20-23°C)	500 ppm IBA	
88		SALVIA <i>Salvia greggii</i>	Mirage™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
89		SALVIA <i>Salvia greggii</i>	Radio Red	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
91		SALVIA <i>Salvia hybrida</i>	Arctic Blaze® Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
90		SALVIA <i>Salvia hybrida</i>	Blue by You	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	

	MIST	FERTILIZATION	PINCHING	TRANSPLANTING	COMMENTS
	Moderate	50-75 ppm N	Recommended.	28-35 days after sticking	Do not oversaturate rooting media. Use long-day lighting when day length is less than 12 hours to keep plants actively growing.
	Moderate	50-75 ppm N	Recommended.	35-42 days after sticking	Roots quickly. Plan to pinch in liner tray.
	Moderate	50-75 ppm N	Recommended.	35-42 days after sticking	Roots quickly. Plan to pinch in liner tray.
	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 oversaturate rooting media. Allow media to dry moderately starting 10 days after sticking to encourage root development.
	Low to moderate	75-100 ppm N starting at Day 7	Yes, while young plants are soft and actively growing.	42-49 days after sticking	Plants grow more actively under long days. Use 13-hour extended day lighting for Winter propagation.
	Moderate	50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C).
	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.

DARWIN PERENNIALS PROPAGATION GUIDE

PAGE		CROP	SERIES/VARIETY	MEDIA EC/PH	SOIL TEMPERATURE	ROOTING HORMONE	
92		SALVIA <i>Salvia nemorosa</i>	Blue Marvel	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	
92		SALVIA <i>Salvia nemorosa</i>	Lyrical™	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	
*		SALVIA <i>Salvia nemorosa</i>	Rose Marvel ¹ , Sky Blue Marvel ¹	EC 0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA basal dip	
97		SCABIOSA <i>Scabiosa columbaria</i>	Flutter™ Series	EC 0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	
98		SEDUM <i>Sedum rupestre</i>	Prima Angelina	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
104		VERONICA <i>Veronica austriaca</i>	Venice Blue	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
108		VERONICA <i>Veronica hybrida</i>	Moody Blues® Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
106		VERONICA <i>Veronica longifolia</i>	Forever Blue	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
109		VERONICA <i>Veronica x hybrida</i>	Purpleicious	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	
110		VIOLA <i>Viola cornuta</i>	Halo Series	EC 0.80-1.0 mmhos/pH 5.5-5.8	70-72°F (21-22°C)	500-750 ppm IBA	

* See DarwinPerennials.com

	MIST	FERTILIZATION	PINCHING	TRANSPLANTING	COMMENTS
	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.
	Low to moderate	75-100 ppm N starting at Day 10	Typically not necessary. Remove premature flower buds as they appear.	42-49 days after sticking	Scabiosa cuttings are sensitive to over-misting and over-watering in propagation.
	Very low	50-75 ppm N	Typically not necessary in propagation.	35-42 days after sticking	Do not over mist. Oversaturated rooting media will slow the rooting process and contribute to stem rot. Remove from mist environment as soon as roots appear.
	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
25		ACHILLEA <i>Achillea hybrida</i>	Moon Dust	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
23		ACHILLEA <i>Achillea millefolium</i>	Milly Rock™ Series	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Long day facultative	No	2,500 to 4,500	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
22, 25		ACHILLEA <i>Achillea millefolium</i>	New Vintage™ Series, Song Siren™ Layla	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
27		AGASTACHE <i>Agastache rugosa</i>	Little Adder	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	Long day facultative	No	3,000 to 5,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
29		ALYSSUM <i>Alyssum wulfenianum</i>	Golden Spring	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	Day length neutral	Yes	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
31		ARMERIA <i>Armeria pseudarmeria</i>	Dreameria® Series	5.8-6.2	Nights: 55°F (13°C) Days: 68°F (20°C)	Day length neutral	No	3,000 to 5,000	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
36		CARYOPTERIS <i>Caryopteris hybrida</i>	Gold Crest	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
36		CARYOPTERIS <i>Caryopteris x clandonensis</i>	Grand Bleu®	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
39		COREOPSIS <i>Coreopsis grandiflora</i>	Sunny Day	5.8-6.2	Nights: 55 to 60°F (13 to 16°C) Days: 60 to 65°F (16 to 18°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry evenly between watering.	Maintain constant fertilization at 150 to 200 ppm N.
39		COREOPSIS <i>Coreopsis hybrida</i>	Electric Sunshine	5.8-6.2	Nights: 55 to 65°F (13 to 17°C) Days: 60 to 80°F (15 to 27°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
39, 38, *		COREOPSIS <i>Coreopsis hybrida</i>	Golden Stardust, Super Star, UpTick™ 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 125 to 150 ppm.
40		COREOPSIS <i>Coreopsis verticillata</i>	Crème Caramel	5.8-6.2	Days: 55 to 80°F (13 to 27°C)	Long day obligate	Beneficial to enhance bulking and plant size.	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
40		COREOPSIS <i>Coreopsis verticillata</i>	Sylvester	5.8-6.2	Days: 55 to 80°F (13 to 27°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry evenly between watering.	Maintain constant fertilization at 150 to 200 ppm N.
13		DIANTHUS <i>Dianthus hybrida</i>	Mountain Frost™ Pink Carpet, Red Garnet, Pink PomPom, Pink Twinkle	5.8-6.2	45 to 60°F (7 to 16°C)	Day length neutral	Beneficial for an increased quantity of Spring blooms.	3,000 to 5,000	Low to moderate	Use a balanced fertilizer at a rate of 125 to 150 ppm N.

* 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
	Typically not required	Typically not required	Aphids on the buds	Rooted: 6 wks	Rooted: 6-8 wks	Not recommended	10-12 in. (25-30 cm)	5-9	April to September
	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	New Vintage: 12-14 in. (30-36 cm) Song Siren: 20-22 in. (51-61 cm)	4-9	April to September
	Recommended	PGRs generally not needed	Thrips, White fly	Not recommended	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	15-18 in. (38-46 cm)	5-9	April to September
	Recommended	PGRs generally not needed	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
	One pinch, two to three weeks after transplant.	PGRs generally not needed	Thrips, Spider mites	Not recommended	Rooted: 12-14 wks	Rooted: 14 wks	28-36 in. (71-91 cm)	6-9	August to October
	None	PGRs generally not needed	Spider mites	Not recommended	Rooted: 12-14 wks	Rooted: 14 wks	48 in. (122 cm)	6-9	August to October
	Recommended	B-Nine 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	June to November
	Yes	PGRs are generally not needed	Spider mites, Thrips	Golden Stardust: Rooted: 7-8 wks Super Star and UpTick: Not recommended	Rooted: 10-12 wks	Rooted: 12-14 wks	Golden Stardust and UpTick: 12-14 in. (30-36 cm) Super Star: 14-16 in. (36-41 cm)	5-9	March to November
	Recommended	PGRs generally not needed	Powdery mildew, Aphids	Not recommended	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	18 in. (46 cm)	5-9	May to July
	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	Thrips, Carnation mottle virus	18-20 wks, including 6 wks below 50°F (10°C)	18-20 wks, including 6 wks below 50°F (10°C)	Not recommended	6-8 in. (15-20 cm)	5-9	March to October










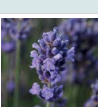
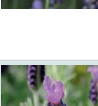


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PAGE		CROP	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT CANDLES	WATERING	FERTILIZATION
13		DIANTHUS <i>Dianthus hybrida</i>	Mountain Frost™ Rose Bouquet	5.8-6.2	45 to 60°F (7 to 16°C)	Day length neutral	Beneficial for an increased quantity of Spring blooms.	3,000 to 5,000	Low to moderate	Use a balanced fertilizer at a rate of 125 to 150 ppm N.
13		DIANTHUS <i>Dianthus hybrida</i>	Mountain Frost™ Silver Strike	5.8-6.2	45 to 60°F (7 to 16°C)	Day length neutral	Beneficial for an increased quantity of Spring blooms.	3,000 to 5,000	Low to moderate	Use a balanced fertilizer at a rate of 125 to 150 ppm N.
13		DIANTHUS <i>Dianthus hybrida</i>	Mountain Frost™ White Twinkle	5.8-6.2	45 to 60°F (7 to 16°C)	Day length neutral	Beneficial for an increased quantity of Spring blooms.	3,000 to 5,000	Low to moderate	Use a balanced fertilizer at a rate of 125 to 150 ppm N.
*		DIGITALIS <i>Digitalis hybrida</i>	Arctic Fox Rose	5.8-6.2	Nights: 55 to 60°F (13 to 16°C) Days: 60 to 65°F (16 to 18°C)	Long day facultative	No	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
43		DIGITALIS <i>Digitalis hybrida</i>	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.
17		ECHINACEA <i>Echinacea x hybrida</i>	Double Scoop™ Series	5.8-6.2	Nights: 55 to 60°F (13 to 16°C) Days: 60 to 65°F (16 to 18°C)	Long day obligate	No	3,500 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
15		ECHINACEA <i>Echinacea x hybrida</i>	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.
44		ERYSIMUM <i>Erysimum linifolium</i>	Bowles Me Away	5.8-6.2	50 to 60°F (10 to 16°C)	Day length neutral	No	3,000 to 5,000	Low to moderate	150 to 175 ppm N.
44		ERYSIMUM <i>Erysimum linifolium</i>	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.
45		EUPATORIUM <i>Eupatorium dubium</i>	Little Joe	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry moderately between watering. Prefers moist soils.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
45		EUPATORIUM <i>Eupatorium purpureum</i>	Euphoria™ Ruby	5.8-6.2	Nights: 55 to 60°F (13 to 16°C) Days: 60 to 65°F (16 to 18°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm.
50, 49		GAURA <i>Gaura lindheimeri</i>	Ballerina™ Series, Belleza® Series	5.8-6.2	Nights: 56 to 61°F (13 to 16°C) Days: 71 to 76°F (21 to 24°C)	Day length neutral	No	5,000 to 9,000	Allow media to dry slightly between watering.	Maintain constant fertilization at 175 to 225 ppm N.
48		GAURA <i>Gaura lindheimeri</i>	Little Janie, Whiskers Deep Rose	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 55 to 60°F (13 to 16°C)	Day length neutral	No	3,000 to 5,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.

* 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
	None	Not necessary	Thrips, Carnation mottle virus	18-20 wks, including 6 wks below 50°F (10°C)	18-20 wks, including 6 wks below 50°F (10°C)	Not recommended	10-12 in. (25-30 cm)	5-9	March to October
	None	Not necessary	Thrips, Carnation mottle virus	18-20 wks, including 6 wks below 50°F (10°C)	18-20 wks, including 6 wks below 50°F (10°C)	Not recommended	8-10 in. (20-25 cm)	5-9	March to October
	None	Not necessary	Thrips, Carnation mottle virus	18-20 wks, including 6 wks below 50°F (10°C)	18-20 wks, including 6 wks below 50°F (10°C)	Not recommended	5-6 in. (13-15 cm)	5-9	March to October
	Recommended for more flowers per plant. Not required.	PGRs generally not needed	Aphids, White fly, Spider mites	Not recommended	Rooted: 12-14 wks	Rooted: 14 wks	18-24 in. (46-61 cm)	5-9	April to September; Natural season flowering
	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	May 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
	One pinch, two to three weeks after transplant.	PGRs generally not needed	Aphids, White fly, Spider mites	Not recommended	Unrooted: 15-17 wks Rooted: 10-12 wks Natural flowering in early July	Unrooted: 15-17 wks Rooted: 10-12 wks Natural flowering early July	24-32 in. (61-81 cm)	5-9	July to October
	Recommended	PGRs generally not needed	Pythium, Rhizoctonia, Botrytis	Unrooted: 10-13 wks Rooted: 7-10 wks	Unrooted: 12-15 wks, 2-3 ppp Rooted: 9-12 wks, 2-3 ppp	Unrooted: 14-16 wks, 3-5 ppp Rooted: 11-13 wks, 3-5 ppp	12-18 in. (30-46 cm)	6-9	April to September
	Recommended	PGRs generally not needed	Spider mites, Aphids	Unrooted: 12-14 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	Little Janie: 16-18 in. (41-46 cm) Whiskers Deep Rose: 14-16 in. (36-41 cm)	6-9	April to September

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PAGE		CROP	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT CANDLES	WATERING	FERTILIZATION
52		HELENIUM <i>Helenium autumnale</i>	Salud™ Series	5.8-6.2	Nights: 55 to 65°F (13 to 17°C) Days: 60 to 80°F (15 to 27°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
53		HELIANTHUS <i>Helianthus salicifolius</i>	Autumn Gold	5.8-6.2	55 to 70°F (13 to 21°C)	Short day obligate	No	5,000 to 8,000	Low to moderate	Use a balanced fertilizer at a rate of 150 ppm N.
54, 53		HELIOPSIS <i>Heliopsis helianthoides</i>	Double Sunstruck, Sunstruck	5.8-6.2	Nights: 55 to 65°F (10 to 13°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 125 to 175 ppm.
19		HEUCHERA <i>Heuchera x hybrida</i>	Carnival Series	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	Day length neutral	No	1,500 to 2,500	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.
55		IBERIS <i>Iberis gibraltaria</i>	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.
55		IBERIS <i>Iberis hybrid</i>	Summer Snowdrift	5.8-6.2	Nights: 45 to 55°F (7 to 13°C) Days: 55 to 65°F (13 to 18°C)	Day length neutral	Cuttings supplied from Darwin Colombia receive enough cold to induce into flower, so growers will not need to vernalize.	3,000 to 5,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
56		IBERIS <i>Iberis sempervirens</i>	Snowsation	5.8-6.2	45 to 60°F (7 to 16°C)	Day length neutral	Yes	3,000 to 5,000	Low to moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
58		LAVANDULA <i>Lavandula angustifolia</i>	Annet	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
58		LAVANDULA <i>Lavandula angustifolia</i>	SuperBlue	5.9-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
60, 61		LAVANDULA <i>Lavandula stoechas</i>	Anouk Series, Bright Luxurious, Luxurious	5.8-6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)	Day length neutral	Beneficial for earlier flowering and more blooms.	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.
62		LEUCANTHEMUM <i>Leucanthemum x superbum</i>	Santé	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	Long day obligate	Beneficial for bulking and earlier flowering.	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
62		LEUCANTHEMUM <i>Leucanthemum x superbum</i>	White Magic	5.8-6.2	55 to 65°F (13 to 18°C)	Long day facultative	No	5,000 to 8,000	Moderate; more required when in flower.	Use a balanced fertilizer at a rate of 150 to 200 ppm N.
20		MISCANTHUS <i>Miscanthus sinensis</i>	Bandwidth	5.8-6.5	65 to 75°F (18 to 24°C)	Long day facultative	No	5,000 to 8,000	Low to moderate	Low





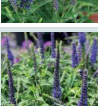

	PINCHING AFTER TRANSPLANT	PLANT GROWTH REGULATORS	PESTS AND FUNGAL DISEASES	CROP SCHEDULE & USES					
				1-QT.(10-CM)POT, 1 PLANT PER POT	1-GAL.(15-CM)POT, 1 PLANT PER POT	2 TO 3-GAL. (25 TO 30-CM) POT, 3 PLANTS PER POT	HEIGHT	USDA HARDINESS ZONES	BLOOM MONTHS
	Yes	PGRs generally not needed	Spider mites, 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	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	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
	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
	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	16-18 in. (41-46 cm)	5-9	April to September
	Once for smaller pot sizes, twice for larger containers.	PGRs generally not needed	Thielaviopsis, Pythium and Rhizoctonia can result from overwatering, Thrips, White fly, Aphids, Fungus gnats	Unrooted: 14-16 wks Rooted: 7-8 wks	Unrooted: 16-19 wks Rooted: 9-11 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	10-12 in. (25-30 cm)	5-8	April to September
	Recommended	PGRs generally not needed	Thielaviopsis, Pythium and Rhizoctonia can result from overwatering, Thrips, White fly, Aphids, Fungus gnats	7-10 wks	9-11 wks, 1-3 ppp	10-12 wks, 3-5 ppp	14-18 in. (36-46 cm)	6-9	March to July
	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 1800/800 will reduce plant height	Watch for Aphids when in bud.	Not recommended	Rooted: 8-10 wks	Rooted: 10-12 wks	20-24 in. (51-61 cm)	5-9	May to August
	No	None	Rust resistant	8-10 wks	14-16 wks	20-24 wks, 1 ppp	30-36 in. (76-91 cm)	5-9	October to November

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PAGE		CROP	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT CANDLES	WATERING	FERTILIZATION
20		MISCANTHUS <i>Miscanthus sinensis</i>	My Fair Maiden	5.8-6.5	65 to 75°F (18 to 24°C)	Short day obligate	No	5,000 to 8,000	Low to moderate	Low
68		MONARDA <i>Monarda didyma</i>	Balmy™ Series	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	Long day obligate	Beneficial for bulking and earlier flowering.	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
69		NEPETA <i>Nepeta hybrid</i>	Blue Prelude	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.
69		NEPETA <i>Nepeta x faassenii</i>	Junior Walker™	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
72		PENSTEMON <i>Penstemon barbatus</i>	Rock Candy® Series	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Long day facultative	No	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
74		PENSTEMON <i>Penstemon hybrida</i>	Cherry Sparks	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Long day facultative	No	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
74		PENSTEMON <i>Penstemon hybrida</i>	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.
75		PENSTEMON <i>Penstemon hybrida</i>	MissionBells™ Deep Rose	5.8-6.2	Nights: 45 to 70°F (7 to 21°C) Days: 55 to 80°F (13 to 27°C)	Long day obligate	No	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
75		PENSTEMON <i>Penstemon hybrida</i>	Quartz® Series	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Long day obligate	No	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
77		PEROVSKIA <i>Perovskia atriplicifolia</i>	CrazyBlue	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
77		PEROVSKIA <i>Perovskia atriplicifolia</i>	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 <i>Phlox paniculata</i>	Cherry Cream, Ka-Pow® Series	5.8-6.2	60 to 75°F (16 to 24°C)	Long day obligate	No	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 200 ppm N.
88		SALVIA <i>Salvia greggii</i>	Mirage™ Series	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Day length neutral	No	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
89		SALVIA <i>Salvia greggii</i>	Radio Red	5.8-6.2	Nights: 45 to 70°F (7 to 21°C) Days: 55 to 80°F (13 to 27°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.

	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 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
	Not necessary when pinched in liner.	Use B-Nine/ Cycocel 2,500/800 ppm to control height	Aphids, White fly, Spider mites	Not recommended	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	28-36 in. (71-91 cm)	5-9	March to September
	Recommended	PGRs generally not needed	White fly	Unrooted: 10-14 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	18 in. (46 cm)	5-8	May to September
	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)	5-8	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	July to September
	Recommended	PGRs generally not needed	Pythium can be a problem if overwatered. White fly, Spider mites	Not recommended	Unrooted: 14-16 wks Rooted: 10-12 wks	Unrooted: 14-16 wks Rooted: 10-12 wks	18-24 in. (46-61 cm)	4-9	July to September
	Yes, in cases where there are two or less shoots.	Configure at 600 ppm to increase branching.	Powdery mildew when pressure is high.	Not recommended	Rooted: 10-12 wks	Cherry Cream: Rooted: 12-14 wks, 3 ppp KaPow: Rooted: 12-14 wks	Cherry Cream: 22-26 in. (56-66 cm) KaPow: 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

DARWIN PERENNIALS FINISHING GUIDE

PAGE		CROP	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT CANDLES	WATERING	FERTILIZATION
91		SALVIA <i>Salvia hybrida</i>	Arctic Blaze® Series	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm.
90		SALVIA <i>Salvia hybrida</i>	Blue by You	5.8-6.2	Nights: 45 to 55°F (7 to 13°C) Days: 55 to 65°F (13 to 18°C)	Day length neutral	Beneficial; aids in bulking. Not required for flowering.	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 150 to 200 ppm.
92		SALVIA <i>Salvia nemorosa</i>	Blue Marvel, 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 125 to 150 ppm.
*		SALVIA <i>Salvia nemorosa</i>	Rose Marvel, Sky Blue Marvel	5.8-6.2	55 to 65°F (13 to 18°C)	Day length neutral	Beneficial; aids in bulking. Not required for flowering.	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 175 to 200 ppm N.
97		SCABIOSA <i>Scabiosa columbaria</i>	Flutter™ Series	5.5-6.2	55 to 65°F (13 to 18°C)	Day length neutral	No	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
98		SEDUM <i>Sedum rupestre</i>	Prima Angelina	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
104		VERONICA <i>Veronica austriaca</i>	Venice Blue	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	Day length neutral	Yes	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
108		VERONICA <i>Veronica hybrida</i>	Moody Blues® Series	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 70°F (16 to 20°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
106		VERONICA <i>Veronica longifolia</i>	Forever Blue	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 70°F (16 to 20°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
109		VERONICA <i>Veronica x hybrida</i>	Purpleicious	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	Long day obligate	Beneficial for bulking and earlier flowering.	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
110		VIOLA <i>Viola cornuta</i>	Halo Series	5.5-5.8	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced Pansy/Viola fertilizer at a rate of 125 to 150 ppm.

* 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
	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
	Blue Marvel: None Lyrical: 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	Blue Marvel: 10-12 in. (25-30 cm) Lyrical: 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: 10-12 in. (25-30 cm) Sky Blue: 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
	One pinch, two to three weeks after transplant.	PGRs generally not needed	Generally pest and disease free.	Unrooted: 10-12 weeks Rooted: 6 weeks	Unrooted: 12-14 weeks Rooted: 8-10 weeks	Unrooted: 15-17 wks Rooted: 10-12 wks	3-6 in. (8-15 cm)	4-9	July to August
	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	May to October
	Yes	PGRs generally not needed	Aphids, White fly	Not recommended	Unrooted: 14-16 wks Rooted: 10-12 wks	Unrooted: 16-18 wks Rooted: 12-14 wks	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 October

LANDSCAPE LONGEVITY

Darwin Perennials varieties are **bred, trialed** and **selected** for their long-lasting landscape success. These **Perennials with Staying Power™** feature robust color and superior garden performance – so you can offer perennials with **selling power!**

DarwinPerennials.®



Echinacea Sombbrero Flamenco Orange, p. 15



Dianthus Mountain Frost Pink PomPom, p. 13



Heuchera 'Carnival Rose Granita', p. 19



Perovskia 'CrazyBlue', p. 77



Lavandula SuperBlue, p. 58



Salvia Lyrical Blues, p. 92



Veronica Moody Blues Sky Blue, p. 108

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

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Echinacea Sombrero® Series — Flamenco Orange, page 15

Heuchera Carnival Series, page 19

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

INDEMNITY

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

PRICES

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

PAYMENT

Payment is due in invoiced currency and in accordance with the terms specified on invoice. In the event of default in the payment of any amount when due, and in addition to all other rights and remedies available to Seller, SELLER SHALL BE ENTITLED TO COLLECT A LATE CHARGE OF 2% PER MONTH (24% PER YEAR) OR THE MAXIMUM RATE ALLOWED BY LAW, WHICHEVER IS LESS, ON ALL AMOUNTS PAST DUE FROM THE DATE DUE UNTIL THE DATE PAID. A FEE OF \$25.00 WILL BE CHARGED FOR ANY RETURNED CHECK, DECLINED EFT TRANSACTION OR DECLINED BANKCARD TRANSACTION.

If paying by Pre-Authorized Debit (PAD), or EFT, please note you have waived your right to receive pre-notification of the amount of the PAD and agreed that you do not require advance notice of the amount of PADs before the debit is processed. You have certain recourse rights if any debit does not comply with these terms. For example, you have the right to receive a reimbursement for any PAD that is not authorized or is not consistent with this PAD agreement. To obtain more information on your recourse rights, contact your financial institution.

FREIGHT & HANDLING CHARGES, INSPECTION, DAMAGED GOODS

The freight and handling charge on Purchaser's invoice covers shipment of the merchandise to Purchaser's destination, and replacement or credit for damaged merchandise if the steps listed here are followed. PURCHASER WILL NOT REFUSE OR RETURN GOODS, OR THE RIGHT TO FILE A CLAIM IS LOST AND PURCHASER WILL STILL BE LIABLE FOR THE MATERIAL AND THE FREIGHT. When Purchaser receives shipment: 1) Count all cartons. 2) Inspect all cartons for external damage. 3) Check for open or resealed cartons. 4) Note any damages, shortages, open or resealed cartons on the delivery receipt; the carrier's representative must also sign the receipt. 5) Open all boxes immediately and inspect for damage such as scorched, frozen or broken plants; material shortages; etc. NOTIFY SELLER

IMMEDIATELY IF A SHIPMENT IS DAMAGED. Call your sales representative to report the damage and receive details on what is needed to file a claim.

CANCELLATION POLICY

Cancellations for unrooted cuttings must be received at least thirty (30) days prior to scheduled ship date. Cancellations for liners must be received prior to stick or sow date.

NOTICE & RETURN

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

DELAYS, SHORTAGES & SUBSTITUTIONS

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

PLANT PROTECTION

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

TRADEMARKS

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SALES LIMITATIONS

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

ALL SHIPMENTS MUST BE SHIPPED IN COMPLIANCE WITH THE FOREIGN CORRUPT PRACTICES ACT AND THE UK BRIBERY ACT.

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PROVEN PERFORMANCE

Darwin Perennials is a leading perennial breeder and producer of unrooted cuttings at the forefront of the perennial supply chain.

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



THE BEST PRODUCTS FOR CONTINUED SUCCESS

You can trust in Darwin Perennials varieties thanks to years of evaluation and rigorous testing – in gardens and container trials – at secure trial sites, leading perennial growers, universities and botanic gardens throughout North America.

DarwinPerennials.

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