

# DARWIN PERENNIALS®

# 2027



Baï Seed®



# NEW VARIETIES 2027





12

1. Lavender Butterfly Garden™ Poppin' Pink ..... 75
2. Grass Panicum Dream Catcher®  
Lightning Bolt® ..... 54
3. Hemerocallis DayScape™ Golden Yellow ..... 58-59
4. Saxifraga Marto™ White ..... 124
5. Hemerocallis DayScape™ Berries and Cream... 58-59
6. Helianthemum SunBurst™ Pink ..... 56
7. Heuchera Everglow Midnight ..... 66
8. Schizachyrium Free Spirit® Blue Arrow® ..... 55
9. Lavender Butterfly Garden™ Plum Perfect..... 75
10. Sedum Lemon Sparkle ..... 128
11. Hemerocallis DayScape™ Coral Blaze ..... 58-59
12. Echinacea Sombrero Poco™ Hot Pink Improved ... 46

# DARWIN PERENNIALS VARIETIES

Achillea.....	18, 20
Agastache.....	22-23
Alyssum.....	26
Armeria.....	27
Artemisia.....	26
Brunnera.....	29
Buddleia.....	30
Caryopteris.....	33
Centaurea.....	34
Coreopsis.....	35-37
Delosperma.....	38
Delphinium.....	40
Dianthus.....	42
Digitalis.....	41
Echinacea.....	43-47
Erysimum.....	48-49
Eupatorium.....	49
Gaura.....	51
Gaillardia.....	52
Geranium.....	52
Grasses.....	53-55
Helenium.....	57
Helianthemum.....	56
Helianthus.....	57
Heliopsis.....	57
Hemerocallis.....	58-59
Herb Rosmarinus.....	62
Herb Salvia.....	63
Heuchera.....	65-66
Iberis.....	67-68
Kniphofia.....	70
Lavandula.....	71-72, 74-77
Leucanthemum.....	78-79
Lysimachia.....	81
Monarda.....	82-84
Nepeta.....	86-87, 89-90
Oenothera.....	91
Penstemon.....	92-96
Perovskia.....	98
Phlox.....	99-101, 105-107
Polemonium.....	112
Rudbeckia.....	111
Salvia.....	113-116, 118, 121-123
Saxifraga.....	124
Scabiosa.....	125
Sedum.....	128-129
Stachys.....	133
Verbena.....	135
Veronica.....	136-138
Viola.....	142

## ICONS

-  Attracts Pollinators
-  Deer Resistant
-  Cut Flower
-  Award Winner

## HELLO, GROWERS!

There are so many reasons to be excited about 2027 at Darwin Perennials!

For starters, we're making a bold move further into the ornamental grass category and taking our very first step into daylilies — a milestone moment for our assortment. These launches are especially meaningful to me personally, as much of my career was spent on the landscape side of the industry.

With new categories come new opportunities. Our **NEW grasses and daylilies** are both available as **bare root**, which is a new product form to Darwin. This opens doors for our product development team for future intros.

At Darwin Colombia, we continue to focus on producing the highest-quality unrooted perennial inputs. We are increasing our emphasis on best practices in harvesting, scouting and sanitation, and adjusting as more effective practices come to our attention.

**For a look behind the scenes of the life of an unrooted perennial cutting, check this out!**



Darwin also offers unique and high-performing varieties from tissue culture. Some recent favorites include Rudbeckia Suntacular, Echinacea Sombrero® Fuchsia Fandango and Geranium Purple Glow. These varieties all shine just as brightly on a retail bench as they do in the landscape year after year.

Finally, don't forget that your input and feedback greatly influence our breeding direction, production methods and customer support structure, so let us know what you think.

Thank you for your business and support.



Sincerely,

**Mike Annes**

Sales & Marketing Manager  
 MAnnes@darwinperennials.com  
 (630) 588-3495



3



4



1



2



## Better Blooming. Better Performance. Better Availability.

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

### 1. Echinacea Sombbrero® – Pages 44-45

Sombbrero – the latest addition to our Better Versions family – is better than older coneflower varieties, thanks to better habit, stronger winter hardiness and more flowers per plant!

### 2. Salvia 'Blue by You' – Page 118

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

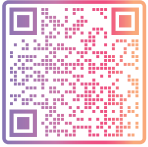
### 3. Lavender 'SuperBlue' – Page 72

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

### 4. Nepeta Junior Walker™ – Page 89

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

# SPRING SHOWCASE



Your Spring retail program can benefit from early-blooming perennials. Scan the QR code for ordering and production tips or to download our scheduling guide!



Earliest Spring

**Alyssum**  
**'Golden Spring'**  
page 26



Magenta Glow

Early Spring

**Erysimum**  
**Brightside™ Series**  
page 48

EARLIEST SPRING

EARLY SPRING



Hot Rose

Early Spring

**Phlox**  
**Spring Splash™**  
**Series**  
page 101

Earliest Spring

**Saxifraga**  
**Marto™**  
**Series**  
page 124



Early Spring

**Iberis**  
**'Snowsation'**  
page 68



Lilac



Mid Spring

**Lavender Anouk Series**  
page 74

Royal



Mid Spring

**Dianthus Mountain Frost™ Series**  
page 42

Pink Carpet



NEW Pink

Mid Spring

**NEW Helianthemum SunBurst™ Series**  
page 56



MID SPRING

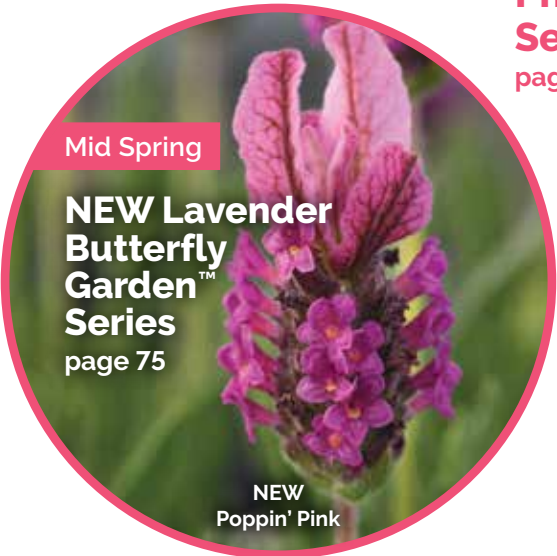
LATE SPRING/EARLY SUMMER



Dark Pink

Mid Spring

**Phlox Candy Cloud™ Series**  
page 100



Mid Spring

**NEW Lavender Butterfly Garden™ Series**  
page 75

NEW Poppin' Pink



Late Spring/Early Summer

**Geranium Purple Glow**  
page 52

# POLLINATOR POWER

Attracting hummingbirds, bees and butterflies is every gardener's dream!

Create a pollinator-focused retail display by including these varieties:

Agastache.....	22-25
Buddleia.....	30-32
Digitalis.....	41
Echinacea.....	43-47
Gaura.....	50-51
Hemerocallis.....	58-59
Heuchera.....	65-66
Monarda.....	82-85
Nepeta.....	86-90
Penstemon.....	92-96
Perovskia.....	97-98
Phlox.....	99-110
Salvia.....	113-123
Veronica.....	136-140



Echinacea  
Sombbrero® Rosada  
pages 44-45



**NEW**  
Hemerocallis  
DayScape™ Scarlet Burst  
pages 58-59



Agastache  
Summerlong™ Coral  
page 23



Digitalis  
Arctic Fox™ Rose  
page 41

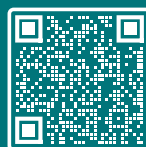


Penstemon  
Mountain Treats™  
Rose, page 94

## Pollinator News

- Many of your favorite fruits, nuts and vegetables rely on pollinators!
- Trends show homeowners embracing low-maintenance, pollinator-friendly lawns.
- Townhouse and apartment residents are seeking information on container gardening expressly for attracting pollinators.

Look for the hummingbird icon to find pollinator-attracting perennials.



View all of these varieties online and watch videos of hummingbirds in flight!



# CUT FLOWERS

## Six reasons perennials make ideal flowers:

1. Perennials return each year, reducing your planting time and costs.
2. Most perennials increase root strength and produce more sturdy stems each year.
3. Perennials offer extended bloom seasons.
4. Once established, perennials are more drought tolerant than annuals.
5. Perennial varieties display unique, visually interesting flower forms.
6. There is a high market demand for perennial cut flowers!



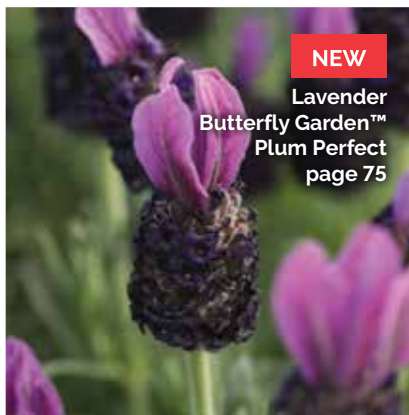
**NEW**

Hemerocallis  
DayScape™  
Golden Yellow  
pages 58-59



**NEW**

Hemerocallis  
DayScape™  
Coral Frill  
pages 58-59



**NEW**

Lavender  
Butterfly Garden™  
Plum Perfect  
page 75

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

Achillea.....	18-21
Delphinium.....	40
Digitalis.....	41
Echinacea.....	43-47
Heliopsis.....	57
Hemerocallis.....	58-59
Kniphofia.....	70
Lavandula.....	71-77
Leucanthemum.....	78-80
Monarda.....	82-85
Penstemon.....	92-96
Perovskia.....	97-98
Phlox.....	99-110
Rudbeckia.....	110-111
Salvia.....	113-123
Sedum.....	126-131
Veronica.....	136-140



To find cut flowers throughout the catalog, look for this icon!

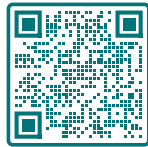
# We're here to help you **GROW!**



“

I love helping customers review and revamp their perennial programs. Our videos are perfect for this because growers can watch them whenever it's convenient!

**Darren Barshaw, Product Representative**  
DBarshaw@darwinperennials.com



Tune in to the Darwin Perennials' **YouTube channel** for grower tips and behind-the-scenes tours!

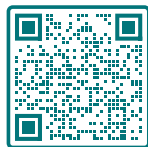
”



“

I have always been passionate about growing, especially young plants. Now, I have the joy of using my growing and travel experiences to help create useful resources for growers, such as our First-Year-Flowering Tool.

**Christopher Fifo, Product Representative**  
CFifo@darwinperennials.com



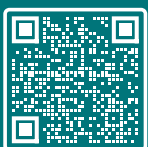
Customize your growing schedule at  
**FirstYearFloweringTool.com.**



”

## Which one would you ship?

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



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



# SMARTER PLANTS

## *Plants With a Purpose*

Plants can do so much besides add beauty to a garden. Plants stabilize soil to prevent erosion, provide flowers for arrangements and attract and feed vital pollinators. By choosing plants thoughtfully, a garden can be visually appealing while supporting our environment.

Here are a few varieties to help your customers plant with a purpose.

Genus	Pollinator	Deer Resistant	Drought	Wet Soil	Shade	Erosion / Groundcover	Long Bloom	4-Season Interest	Cut Flower	Suggested Variety
Agastache	X	X	X				X			Summerlong™ Series
Brunnera		X			X					Frost King
Coreopsis	X		X				X		X	UpTick™ Series
Delosperma			X			X				Ocean Sunset™ Series
Echinacea	X		X				X	X	X	Sombrero® Series
Eupatorium	X	X		X				X	X	'Little Joe'
Gaillardia	X		X				X		X	Guapa Series
Geranium	X	X	X		X	X				Purple Glow
Grass Miscanthus		X	X	X		X		X		Bandwidth
Grass Panicum		X	X			X		X		NEW Dream Catcher® Series
Grass Schizachyrium		X	X			X		X		NEW Free Spirit® Series
Hemerocallis			X				X		X	NEW Dayscape™ Series
Heuchera		X			X	X		X	X	Carnival Series
Lavandula	X	X	X						X	NEW Butterfly Garden™ Series
Monarda	X	X		X					X	BeeMine™ Series
Nepeta	X	X	X				X		X	Junior Walker™
Penstemon	X	X							X	Rock Candy® Series
Perovskia	X	X	X					X	X	'CrazyBlue'
Rudbeckia	X	X	X				X	X	X	Suntacular
Salvia	X	X	X				X		X	'Blue by You'
Sedum	X	X	X			X			X	NEW Lemon Sparkle
Veronica	X	X					X		X	Skyward™ Series

# The life of a cutting starts at **Darwin Colombia**

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



“

The unrooted and callused cuttings we receive from Darwin Colombia are nothing short of exceptional. Uniformity in cutting size, timing and order fulfillment give us what we need to be successful in our production. In the high-stakes world of greenhouse production, your finish is only as good as your starting material, and Darwin consistently sets the bar for high-quality inputs.

**Tom Costamagna, Director of Horticulture**  
Young's Plant Farm

”



See for yourself!  
**Take the tour now.**

# Genesis™ Callused Cuttings = Better Propagation Success



**Lavandula Primavera**  
Callused cutting vs. unrooted cutting  
at 2 weeks



**Buddleia Chrysalis™ Cranberry**  
Callused cutting vs. unrooted cutting  
at 2 weeks

**The benefits of Genesis callused cuttings include:**

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

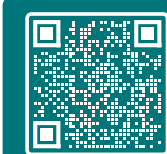
“ Before we tried Darwin's callused cuttings, our lavender cutting loss was close to 40%, but now it's less than 10%. And prop time in the greenhouse is about 50% faster, so we can plant 2 to 3 weeks earlier! It's a big advantage.

**Mat McKellips, Head Grower and Ana Gonzalez, Production Manager**  
The Pinery

”

**Darwin Perennials has a number of classes available as Genesis callused cuttings, including:**

Achillea.....	18-21
Armeria.....	27
Artemisia.....	28
Erysimum.....	48-49
Euphorbia.....	50
Gaillardia.....	52
Helianthemum.....	56
Heliopsis.....	57
Iberis.....	67-69
Lavandula.....	71-77
Lithodora.....	81
Perovskia.....	97-98
Phlox.....	99-110
Rosmarinus (Herbs).....	62
Salvia.....	113-123
Saxifraga.....	124
Veronica.....	136-140
Viola.....	141-142



Scan to see the most current list of products available as Genesis.

# DARWIN PERENNIALS TEAM



**Karl Batschke**

General Manager  
KBatschke@darwinperennials.com



**Cristina Brusco**

Darwin Colombia  
General Manager  
CBrusco@darwinperennials.com



**Mike Annes**

Sales & Marketing Manager  
MAnnes@darwinperennials.com



**Lisa Kelderhouse**

Darwin Operations Manager  
LKelderhouse@darwinperennials.com



**Taylor France**

Operations Specialist  
TFrance@darwinperennials.com



**Nora Petry**

Operations Specialist  
NPetry@darwinperennials.com



**Logan Valk**

Tissue Culture  
Business Manager  
LValk@darwinperennials.com



**Sarah Greenwood**

Global Product Manager  
SGreenwood@darwinperennials.com



**Sara Mellard**

Product Development  
Project Manager  
SMellard@darwinperennials.com



**Jennifer Tinerella**

Trials Coordinator  
JTinerella@ballhort.com



**Kerri Martin**

Perennial Trial Coordinator  
KMartin@darwinperennials.com



**Tracey Laflamme**

Business Analyst  
TLaflamme@darwinperennials.com



**Rachel Welz**

Marketing Coordinator  
RWelz@darwinperennials.com



**Darren Barshaw**

Product Representative  
DBarshaw@darwinperennials.com



**Christopher Fifo**

Product Representative  
CFifo@darwinperennials.com

# TEAM FAVORITES



1. "**Kniphofia Glowstick** offers a grass-like texture with vibrant yellow flowers appearing mid-Summer and blooming deep into Fall. Glowstick shines brightest when most of the perennial garden is winding down for the season, adding bright color and soft texture to the otherwise-fading landscape."

**Karl Batschke**

2. "**Rosmarinus Blue Cascade** can do it all! This gorgeous, aromatic rosemary plant cascades beautifully from hanging baskets and container arrangements. It makes an excellent spiller in mixed combinations, softens the aesthetic of a retaining wall in the landscape and even adds fresh flavor to your dinner!"

**Mike Annes**

3. "**Echinacea Double Scoop™ Watermelon Deluxe** has a WOW factor that's unbeatable! Gorgeous, deep-pink flowers start out with beautifully contrasting, darker-center cones that develop into fully double pompom flowers that completely cover the plant! Their high-impact color shines at retail and in the garden."

**Sarah Greenwood**

4. "Low-maintenance **Brunnera Frost King** delivers huge silver leaves with showy green venation that brighten shady areas. It's very deer resistant and holds up in the garden all season."

**Darren Barshaw**

5. "**Helianthemum SunBurst™** adds a fresh twist to an old-school genus by displaying larger flowers – and more of them – in early-Spring landscapes. Plants form a dense mat of beautiful, silvery-green foliage that holds up well in Summer landscapes. SunBurst is the best of both seasons!"

**Christopher Fifo**

TRUSTED BREEDER PARTNER

# WALTERS GARDENS



NEW

Heliopsis 'Sundial'  
page 57

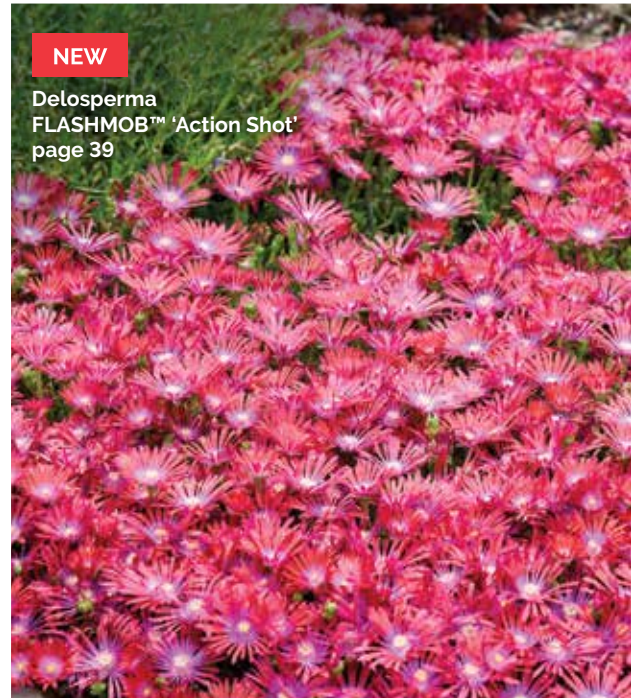
## Always Expanding on the Finest Genetics

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

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

### The selection includes several fantastic varieties, such as:

<b>NEW</b> Delosperma FLASHMOB™ series .....	39
<b>NEW</b> Heliopsis 'Sundial' .....	57
<b>NEW</b> Sedum 'Wineberry Delight' .....	130
<b>NEW</b> Veronica 'Jedi Gem' .....	139



NEW

Delosperma  
FLASHMOB™ 'Action Shot'  
page 39



NEW

Sedum  
'Wineberry Delight'  
page 130



NEW

Veronica  
'Jedi Gem'  
page 139



Achillea  
Tutti Frutti 'Pink Grapefruit'  
page 19

TRUSTED BREEDER PARTNER

# MUST HAVE PERENNIALS®



## Tried & Trusted™

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

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

Achillea Tutti Frutti series.....	19
Buddleia Butterfly Gold .....	32
Centaurea 'Amethyst Dream' .....	35
Delosperma 'Mountain Dew' .....	39
Euphorbia 'Bonfire' .....	50
Lavandula 'Blue Cushion'.....	73
Rudbeckia 'Viette's Little Suzy'.....	110



Rudbeckia  
'Viette's Little Suzy'  
page 110



Euphorbia  
'Bonfire'  
page 50



Buddleia  
Butterfly Gold  
page 32

TRUSTED BREEDER PARTNER

# FLORENSIS



Achillea  
Milly Rock™ Rose  
page 20

## Global Partners

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

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

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

Achillea Milly Rock™ series.....	20
Eupatorium Euphoria™ Ruby.....	49
Gaillardia Guapa series.....	52
Salvia Sensation® Compact series.....	117
Salvia Sensation® Medium Deep Rose.....	117
Saxifraga Marto™ series.....	124
Veronica Venice Blue.....	138



NEW

Saxifraga  
Marto™ White  
page 124



Gaillardia  
Guapa Flamenco Bicolor  
page 52



Eupatorium  
Euphoria™ Ruby  
page 49

# A-Z Listing



Grow your best season ever with more than 600 popular varieties!



ACHILLEA   
(YARROW)  
*Achillea millefolium*

DARWIN PERENNIALS

NEW VINTAGE™  
SERIES 

 [FirstYearFloweringTool.com](http://FirstYearFloweringTool.com)  
for easy scheduling

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

- Masses of flowers mature to attractive lighter shades.
- Great for late-Spring, 2.5-qt and 1-gal. programs.

**Red** 'Balvinred' PP25,618

**Rose** 'Balvinrose' PP25,712

 **Terracotta** Masses of bold, terracotta-orange flowers on lacy foliage age to a complementary champagne-yellow color. Deer resistant. 'Balvinterra'

**TOP SELLER** Violet

'Balviolet' PP25,750

 **White** 'Balvinwhite' PP25,711



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



Red

Terracotta



Rose



Terracotta



Violet



White



Achillea 'Saucy Seduction'



Achillea 'Strawberry Seduction'



Achillea 'Sunny Seduction'



Achillea Tutti Frutti 'Apricot Delight'



Achillea Tutti Frutti 'Pink Grapefruit'



Achillea Tutti Frutti 'Pomegranate'

**ACHILLEA**   
(YARROW)  
*Achillea millefolium*

MUST HAVE PERENNIALS 

**LITTLE MOONSHINE** 

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

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

MUST HAVE PERENNIALS 

**SEDUCTION SERIES** 

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

Excellent flowering uniformity with remarkably dense columnar habit.

**Saucy** PP20,782  
**Strawberry** PP18,401  
**Sunny** PP20,808

MUST HAVE PERENNIALS 

**TUTTI FRUTTI SERIES** 

**'PAPRIKA'** 

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

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

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

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

**'Apricot Delight'** PP18,738  
**'Pink Grapefruit'** PP20,741  
**'Pomegranate'** PP20,763

ACHILLEA   
(YARROW)  
*Achillea millefolium*

FLORENSIS, B.V. 

MILLY ROCK™  
SERIES 

 [FirstYearFloweringTool.com](http://FirstYearFloweringTool.com)  
for easy scheduling

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

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

**Red** 'FLORACHRE1' PP31,757

**TOP SELLER** **Rose**  
'FLORACHRO1' PP31,620

**Yellow** 'FLORACHYE0' PP33,259

**Yellow Terracotta**  
'FLORACHYE2' PP35,113

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

Compact plant looks great in containers.

# ACHILLEA MILLY ROCK™



Mixed perennial combo featuring Achillea Milly Rock series



Red



**TOP SELLER**

Rose



Yellow



Yellow Terracotta



Achillea 'Sassy Summer Lemon'



Achillea 'Sassy Summer Sangria'



Achillea 'Sassy Summer Sunset'



Achillea 'Sassy Summer Taffy'



Achillea 'Peter Cottontail'



Achillea 'King Edward'

**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 x lewisii*

**'KING EDWARD'** ✂️

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

Pale primrose-yellow flowers over woolly foliage.

**ACHILLEA** ●  
(YARROW)  
*Achillea*

WALTERS GARDENS 

**SASSY SUMMER SERIES** ✂️

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

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

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

**ACHILLEA** ●  
(YARROW)  
*Achillea ptarmica*

WALTERS GARDENS 

**'PETER COTTONTAIL'** ✂️

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

Low, mounding habit with singular, white flower clusters.



Peach



Coral, Lilac, Lemon

**Summerlong**  
AGASTACHE™



Mixed container featuring  
Agastache Summerlong Peach;  
Calibrachoa Conga™ Sunset  
Kiss; Coleus ChargedUp™  
Electric Lime®; ColorGrass®  
Carex Red Rooster



Mixed container featuring  
Agastache Summerlong Coral, Lemon, Lilac;  
Achillea New Vintage Violet; Echinacea Sombrero  
Fuchsia Fandango, Mandarin Mambo



Lilac, Magenta



Agastache Summerlong Coral



Agastache Summerlong Lemon



Agastache Summerlong Lilac



Agastache Summerlong Magenta



Agastache Summerlong Peach

**AGASTACHE** ●  
(MEXICAN GIANT  
HYSSOP)

*Agastache mexicana*

DARWIN PERENNIALS

SUMMERLONG™  
SERIES




 [FirstYearFloweringTool.com](https://www.FirstYearFloweringTool.com)  
for easy scheduling


**Height:** 16 to 22 in. (41 to 56 cm)  
**Bloom Months:** April to September  
**USDA Hardiness Zones:** 7a to 10b

Ideal for pollinator programs  
and Fall programs.

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

 **Coral** Features delightful salmon-pink flowers. 'Balsumlor' PP36,952

 **Lemon** Shines with yellow flowers. 'Balsumlem' PP36,951

 **Lilac** Features pink-lilac flowers. 'Balsumlilac'

**Magenta** Boasts purple-pink flowers. 'Balsummag'

**Peach** Sparkles with peach-colored flowers. 'Balsumleac' PP36,935

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

*Agastache rugosa*

DARWIN PERENNIALS

'LITTLE ADDER'



 [FirstYearFloweringTool.com](https://www.FirstYearFloweringTool.com)  
for easy scheduling

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

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' and 'Blue Fortune,' with better branching.
- Great show at retail and in the garden for better sell-through and repeat sales.



Agastache 'Little Adder'



Agastache 'Pinky Pie'



Agastache 'Guava Lava'



Agastache 'Mango Tango'



Agastache 'Blue Fortune'

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

WALTERS GARDENS   
**'PINKY PIE'** 

**Height:** 18 to 20 in. (46 to 51 cm)  
**Bloom Months:** July to September  
**USDA Hardiness Zones:** 5a to 9b  
PP36,814


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

WALTERS GARDENS   
**'GUAVA LAVA'** 

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

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


**AGASTACHE** ●  
(ANISE HYSSOP)  
*Agastache aurantiaca*

WALTERS GARDENS   
**'MANGO TANGO'** 

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

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

**AGASTACHE** ●  
(MEXICAN HYSSOP)  
*Agastache hybrid*

**'BLUE FORTUNE'** 

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



Tall spikes of soft blue flowers with fragrant foliage.

**'PURPLE HAZE'** 

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

Cool violet-blue flowers last into Fall.

**AGASTACHE** ●  
(ANISE HYSSOP,  
HUMMINGBIRD MINT)  
*Agastache rugosa*

WALTERS GARDENS   
**'BLUE BAYOU'** 

**Height:** 16 to 18 in. (41 to 46 cm)  
**Bloom Months:** July to September  
**USDA Hardiness Zones:** 5a to 9b  
PP35,759

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



Agastache 'Purple Haze'



Agastache 'Blue Bayou'



Agastache 'Peachie Keen'



Agastache 'Rosie Posie'



Ajuga 'Bronze Beauty'



Ajuga 'Catlin's Giant'



Ajuga Chocolate Chip



Ajuga 'Burgundy Glow'

**AGASTACHE** (ANISE HYSSOP)  
*Agastache rupestris*

WALTERS GARDENS **'PEACHIE KEEN'**

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

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



Ajuga 'Mahogany'

WALTERS GARDENS **'ROSIE POSIE'**

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

**TOP SELLER**

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

**AJUGA** (BUGLEWEED)  
*Ajuga reptans*

PLANTHAVEN INT'L, INC. **BLACK SCALLOP**

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

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

**'BRONZE BEAUTY'**

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

Deep bronze foliage topped by blue flower spikes.

**'BURGUNDY GLOW'**

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

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

**'CATLIN'S GIANT'**

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

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

**'MAHOGANY'**

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

Dark burgundy to black foliage with bright blue flowers.

**AJUGA** (BUGLEWEED)  
*Ajuga x tenorii*

**CHOCOLATE CHIP**

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

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

## ALYSSUM

*Alyssum wulfenianum*

### DARWIN PERENNIALS

#### 'GOLDEN SPRING'

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

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

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



Alyssum 'Golden Spring'

## ARTEMISIA (RUSSIAN WORMWOOD)

*Artemisia gmelinii*

### DARWIN PERENNIALS

#### SUNFERN™ OLYMPIA



**Height:** 16 to 18 in. (41 to 46 cm)  
**Bloom Months:** Non-flowering  
**USDA Hardiness Zones:** 4a to 9a  
'Balfernlym' PP33,775

SunFern Olympia has a fern-like texture that thrives in full sun – the perfect accent plant.

- This unique herbaceous perennial works well as a companion plant in containers and in the landscape.
- Plants are non-invasive and won't spread.
- Low maintenance and drought tolerant.
- Features dark green leaves with red stems.



Artemisia SunFern Olympia

# ARMERIA DREAMERIA®

ARMERIA 🟡  
(THRIFT, SEA PINKS)  
*Armeria pseudarmeria*

DARWIN PERENNIALS

DREAMERIA®  
SERIES



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

- Dreameria moves the genus from strictly early-Spring and late-Fall, cool-season perennial to season-long flowering.
- Features large flowers on sturdy stems for an excellent color presentation.
- Callused cuttings greatly enhance the grower's ability to grow this crop.
- Heat tolerant.
- Tidy habit is perfect for landscape and patio containers.

**TOP SELLER 'Daydream'**

Shows bright pink flowers from Spring until Fall. PP29,381

🏆 **'Dream Clouds'** Beautiful, pure-white variety provides nice accent color in Dreameria combos. PP33,597

🏆 **'Dreamland'** A dark salmon bloom. PP30,601

**'Hypnotic Dreams'** Large, unique, ruby red flowers stand atop sturdy stems. PP36,461

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

🏆 **'Vivid Dreams'** Attractive, deep purple flowers. PP35,236

DREAMERIA is a registered trademark of Plants Management Australia.

Image Courtesy of Plants Management Australia



'Dream Clouds'

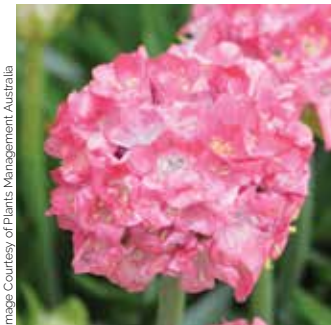


**TOP SELLER**

'Daydream'



'Dream Clouds'



'Dreamland'



'Hypnotic Dreams'



'Sweet Dreams'



'Vivid Dreams'

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



Aster 'Grape Crush'



Amsonia 'Blue Ice'



Artemisia 'Powis Castle'



Artemisia 'Silver Mound'



Artemisia 'Silver Brocade'

**AMSONIA** ●●  
(BLUE STAR)  
*Amsonia x hybrida*

**'BLUE ICE'** ✂

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

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

**ARTEMISIA** ●  
(WORMWOOD)  
*Artemisia arborescens*

**'POWIS CASTLE'** ✂

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

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

**ARTEMISIA** ●  
(WORMWOOD)  
*Artemisia schmidtiana*

**'SILVER MOUND'** ✂

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

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


**ARTEMISIA** ●  
(WORMWOOD)  
*Artemisia stelleriana*

**'SILVER BROCADE'** ✂

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

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

**ASTER** ●  
(NEW ENGLAND ASTER)  
*Aster novae-angliae*

WALTERS GARDENS  **'GRAPE CRUSH'** ✂

**Height:** 26 to 30 in. (66 to 76 cm)  
**Bloom Months:** August to November  
**USDA Hardiness Zones:** 3a to 8b  
PP33.612

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

**'PURPLE DOME'** ✂

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

Solid masses of purple flowers with yellow centers.

**ASTER** ●  
*Aster x frikartii*

**'MOENCH'** ✂

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

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



Aster 'Purple Dome'



Aster 'Moench'

# BRUNNERA COLLECTION



**BRUNNERA** ●  
(GREAT FORGET-ME-NOT)  
*Brunnera macrophylla*

DARWIN PERENNIALS

**BRUNNERA  
COLLECTION**



Available as tissue  
culture-raised liners

**Height:** Varies by variety

**Bloom Months:** April to May

**USDA Hardiness Zones:** 4a to 9a

- Deer resistant.
- Produces less Summer browning compared to the competition.
- Displays bright blue flowers in Spring.
- Brightens up the shade while providing a nice texture in the landscape.

🏆 **Frost King** Height: 14 to 16 in. (36 to 41 cm) King-size leaves display strong, green venation. 'Balfroskin' PPAF

**Frost Magic** Height: 12 to 15 in. (30 to 38 cm) Plants feature a very silver leaf pattern on elongated, pointed leaves. 'Balfrosmic' PPAF

**'Frostbite'** Height: 6 to 9 in. (15 to 23 cm) Heart-shaped leaves are slightly smaller, allowing production in smaller containers. PP35,059

**Frostline** Height: 10 to 12 in. (25 to 30 cm) Leaves feature a unique chartreuse halo. 'Balbrufline' PP36,281

🏆 **Permafrost** Height: 12 to 15 in. (30 to 38 cm) Large-leaf plants boast strong veins. 'Balbrupost' PP35,844

Permafrost

Frost King

Frostline

Frost Magic

'Frostbite'

Permafrost

**BUDDLEIA**   
(BUTTERFLY BUSH)  
*Buddleia hybrid*

DARWIN PERENNIALS

**CHRYSA LIS™  
SERIES** 

 [FirstYearFloweringTool.com](http://FirstYearFloweringTool.com)  
for easy scheduling


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

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

**Blue** 'Balchrylu' PP33,842

**TOP SELLER Cranberry**

'Balchryran' PP33,845

 **Pink** 'Balchryink' PP33,843

 **Purple** 'Balchryurp' PP33,847

 **Steel Blue** Butterfly bush is covered in silver-blue flowers. 'Balchryeel' PP36,598

**White** 'Balchryite' PP33,846



White



Blue



Cranberry



Pink



Purple



Steel Blue

Compact Chrysalis features an abundance of flowers and continuous blooming!



# BUDDLEIA MONARCH®

**BUDDLEIA** ☀️  
(BUTTERFLY BUSH,  
SUMMER LILAC)  
*Buddleia davidii*

WALTERS GARDENS



**MONARCH®  
SERIES**



**Height:** 50 to 60 in. (127 to 152 cm)  
**Bloom Months:** August to September  
**USDA Hardiness Zones:** 5a to 10b

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

**'Blue Knight'** Outward-facing flower panicles open light lavender-purple and deepen to blue-purple. PP28.178

**'Cherry Royale'** Gorgeous magenta-colored blooms stand out against a green, leafy background. PP37.116

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

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

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

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

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

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

'Cherry Royale'



'Blue Knight'



'Dark Dynasty'



'Glass Slippers'



'Prince Charming'



'Princess Pink'



'Queen of Hearts'



Buddleia Butterfly Gold



Buddleia 'Pink Cascade II'



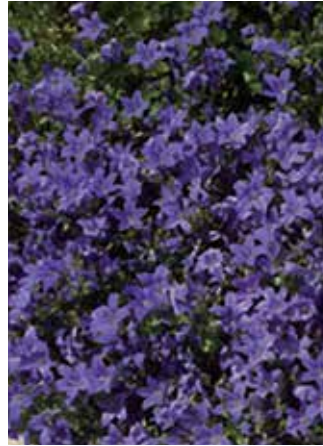
Buddleia 'Lilac Cascade'



Buddleia 'Grand Cascade'



Buddleia 'Violet Cascade'




Campanula 'Birch Hybrid'



Campanula Blue Waterfall

**BUDDLEIA** ●  
**(BUTTERFLY BUSH)**  
*Buddleia*

**MUST HAVE PERENNIALS** 

**BUTTERFLY GOLD** 

**Height:** 72 in. (183 cm)  
**Bloom Months:** July to August  
**USDA Hardiness Zones:** 6a to 9b  
'BUDHUR99' PP33,807

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

**WALTERS GARDENS** 

**'PINK CASCADE II'** 

**Height:** 48 to 54 in. (122 to 137 cm)  
**Bloom Months:** July to September  
**USDA Hardiness Zones:** 5a to 10b  
PP35,438

Large bush with appleblossom-pink flowers. Long, 12-in. (30-cm) panicles cascade down the plant, appearing to weep, like a bridal wreath spirea. Seed set has not been observed, indicating plant is likely sterile.

**BUDDLEIA** ●  
**(BUTTERFLY BUSH, SUMMER LILAC)**  
*Buddleia davidii*

**WALTERS GARDENS** 

**'LILAC CASCADE'** 

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

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

**BUDDLEIA** ●  
**(BUTTERFLY BUSH)**  
*Buddleia hybrida*

**WALTERS GARDENS** 

**'GRAND CASCADE'** 

**Height:** 66 to 72 in. (168 to 183 cm)  
**Bloom Months:** September to October  
**USDA Hardiness Zones:** 5a to 10b  
PP30,868

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

**WALTERS GARDENS** 

**'VIOLET CASCADE'** 

**Height:** 48 to 54 in. (122 to 137 cm)  
**Bloom Months:** August to September  
**USDA Hardiness Zones:** 5a to 10b  
PP34,298

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

**CAMPANULA** ●  
**(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*

**MUST HAVE PERENNIALS** 

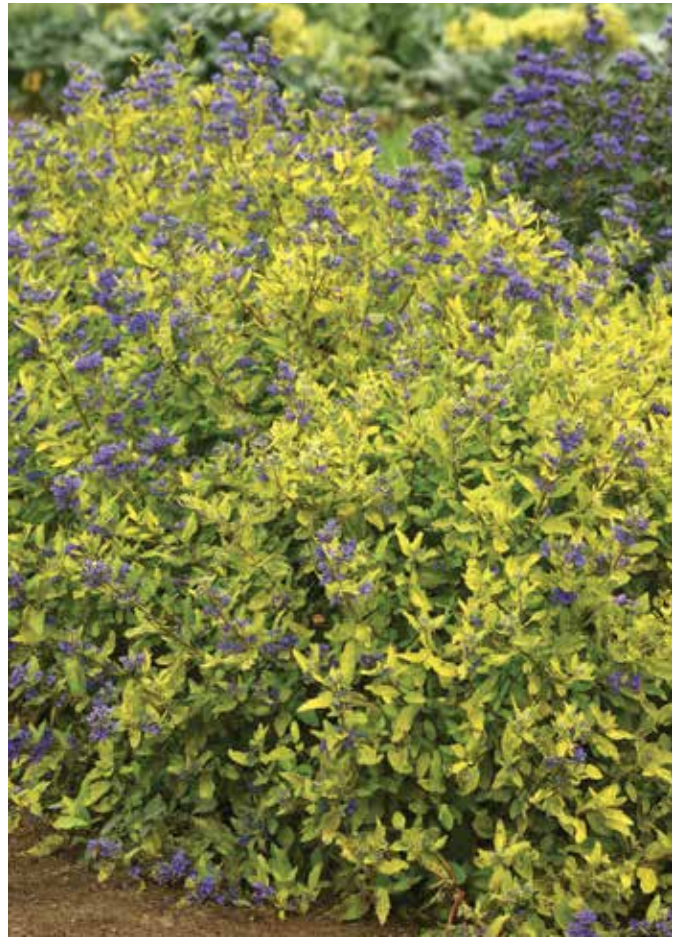
**BLUE WATERFALL** 

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

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



Caryopteris 'Emerald Crest'



Caryopteris 'Gold Crest'



Caryopteris Grand Bleu

**CARYOPTERIS (BLUEBEARD)**

*Caryopteris x clandonensis*

**DARWIN PERENNIALS**

**'EMERALD CREST'**

 [FirstYearFloweringTool.com](https://www.FirstYearFloweringTool.com)  
for easy scheduling

**Height:** 28 to 36 in. (71 to 91 cm)  
**Bloom Months:** August to October  
**USDA Hardiness Zones:** 6a to 9a  
PP34.852

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

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

**DARWIN PERENNIALS**

**'GOLD CREST'**

 [FirstYearFloweringTool.com](https://www.FirstYearFloweringTool.com)  
for easy scheduling

**Height:** 28 to 36 in. (71 to 91 cm)  
**Bloom Months:** August to October  
**USDA Hardiness Zones:** 6a to 9a  
PP32.310

Colors will not fade in intense sunlight!

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

**DARWIN PERENNIALS**

**GRAND BLEU®**

 [FirstYearFloweringTool.com](https://www.FirstYearFloweringTool.com)  
for easy scheduling

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

One of the best blue Caryopteris on the market.

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

CENTAUREA   
(SNOWFLAKE DUSTY MILLER)

*Centaurea ragusina*

DARWIN PERENNIALS

SILVER SWIRL 

 [FirstYearFloweringTool.com](https://www.FirstYearFloweringTool.com)  
for easy scheduling

**Height:** 8 to 11 in. (20 to 28 cm)

**Bloom Months:** June to July

**USDA Hardiness Zones:** 6b to 9b  
'Balcentsirl' PP35,838

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

Attract more attention to any display or landscape.



Mixed container featuring  
Alternanthera Purple Prince;  
Dichondra Silver Falls;  
Salvia Mirage Burgundy;  
Coleus MicroBlaze™ Spitfire;  
Centaurea Silver Swirl;  
Petunia ColorRush™ Merlot Star

# CENTAUREA SILVER SWIRL





Centaurea 'Amethyst Dream'



Centaurea 'Amethyst in Snow'




DarwinPerennials.

Coreopsis Sunfetti Yellow Bicolor



**CENTAUREA** ●  
(CORNFLOWER)

*Centaurea montana*

MUST HAVE PERENNIALS  **'AMETHYST DREAM'** ✂

**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.

MUST HAVE PERENNIALS  **'AMETHYST IN SNOW'** ✂

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

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

**CERATOSTIGMA** ● ●  
(LEADWORT)

*Ceratostigma plumbaginoides*

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

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

**COREOPSIS** ●  
(TICKSEED)

*Coreopsis auriculata*

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

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

**COREOPSIS** ●  
(TICKSEED)

*Coreopsis hybrida*

DANZIGER "DAN" FLOWER FARMS  
**SOLANNA™ GOLDEN SPHERE** ✂

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

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

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

**DARWIN PERENNIALS**

**SUNFETTI YELLOW BICOLOR** 🏆 ✂

 **FirstYearFloweringTool.com**  
for easy scheduling

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

Abundance of petite flowers that bloom most of the Summer.

- Delivers strong powdery mildew resistance vs. other coreopsis.
- Bulks fast in the container and in the ground.

**COREOPSIS** ●  
(TICKSEED)

*Coreopsis rosea*

**'AMERICAN DREAM'** ✂

**Height:** 9 to 15 in. (23 to 38 cm)  
**Bloom Months:** June to July  
**USDA Hardiness Zones:** 3a to 9b  
Fine, dark green foliage sprinkled with rose-pink flowers.

**COREOPSIS** ●  
(TICKSEED)

*Coreopsis x hybrida*

ITSAUL PLANTS, INC.  
**'JETHRO TULL'** ✂

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

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

**COREOPSIS** ●  
(TICKSEED)

*Coreopsis hybrida*

DARWIN PERENNIALS

**UPTICK™ SERIES** ✂

 **FirstYearFloweringTool.com**  
for easy scheduling

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

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

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

**Cream & Red** 'Balupteamed' PP28,866

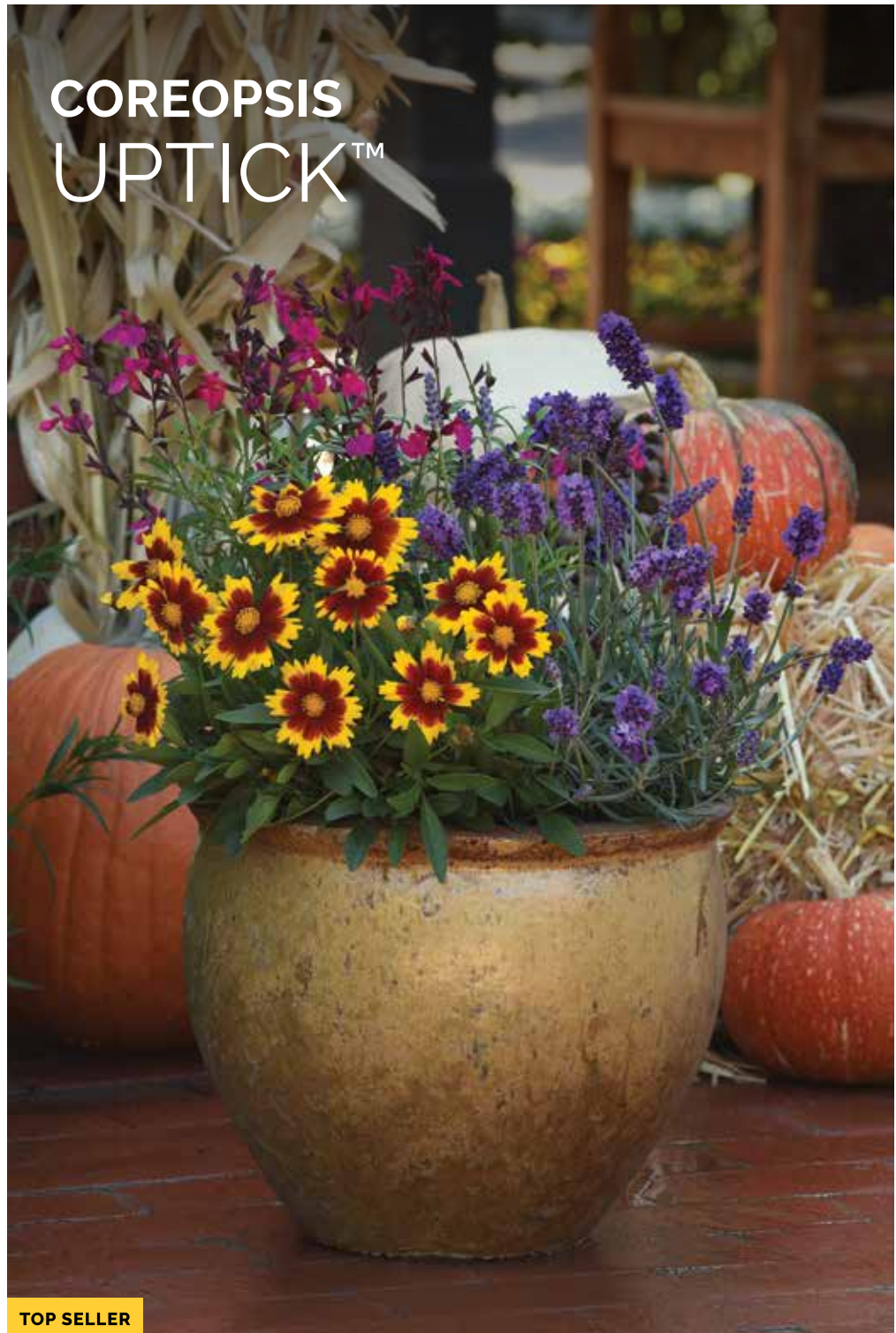
 **Gold** Boasts large, solid golden-yellow blooms. 'Baluptold' PP36,937

 **TOP SELLER Gold & Bronze** 'Baluptgonz' PP28,882

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

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

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



# COREOPSIS UPTICK™



Cream

**TOP SELLER**

Mixed container featuring Coreopsis UpTick Gold & Bronze; Lavandula Annet; Salvia Mirage Neon Rose



Cream & Red



Gold



Red



Yellow & Red



DarwinPerennials.  
Coreopsis 'Golden Stardust'



DarwinPerennials.  
Coreopsis 'Super Star'



Coreopsis 'Crème Brulee'



DarwinPerennials.  
Coreopsis Crème Caramel



Coreopsis Sizzle & Spice 'Crazy Cayenne'



Coreopsis Sizzle & Spice 'Curry Up'



Coreopsis Sizzle & Spice 'Zesty Zinger'



Coreopsis Sizzle & Spice 'Hot Paprika'



Coreopsis Sizzle & Spice 'Red Hot Vanilla'

**COREOPSIS (TICKSEED)**  
*Coreopsis x hybrida*

**'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.

**COREOPSIS (TICKSEED)**  
*Coreopsis hybrida*

**DARWIN PERENNIALS**  
**'GOLDEN STARDUST'**

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

This *Coreopsis* is carefree and easy to grow!

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

**DARWIN PERENNIALS**  
**'SUPER STAR'**

**Height:** 14 to 16 in. (36 to 41 cm)  
**Bloom Months:** March to November  
**USDA Hardiness Zones:** 5a to 9a  
PP30,805

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

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

**COREOPSIS (TICKSEED)**  
*Coreopsis verticillata*

**MUST HAVE PERENNIALS**  
**'CRÈME BRULEE'**

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

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

**DARWIN PERENNIALS**  
**CRÈME CARAMEL**

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

Equally at home in mass plantings or containers.

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

**'MOONBEAM'**

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

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

**WALTERS GARDENS**  
**SIZZLE & SPICE® SERIES**

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

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

**'Crazy Cayenne'** Fiery sunset-orange flowers with red-orange concentrated at the centers.

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

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

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

**'Zesty Zinger'** Light ivory flowers have pronounced dark magenta centers. PP29,921

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

**'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.

DELOSPERMA ●  
(ICE PLANT)

*Delosperma hybrida*

DARWIN PERENNIALS

OCEAN SUNSET™  
SERIES



FirstYearFloweringTool.com  
for easy scheduling

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

**Bloom Months:** March to October

**USDA Hardiness Zones:** 5a to 9b

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

**TOP SELLER Orange Glow**

(pictured right) 'T1873' PP34,674

**Orange Vibe** 'T1821' PP34,943

**Violet** 'T1854' PP34,730

**Violet Flare** Iridescent purple-pink flowers on a low, mounded habit. 'T2173' PP37,029



Orange Vibe



Violet



Violet Flare

TOP SELLER

# DELOSPERMA OCEAN SUNSET™





Delosperma FLASHMOB 'Action Shot'



Delosperma FLASHMOB 'Electric Slide'



Delosperma FLASHMOB 'Macarena'



Delosperma 'Mountain Dew'



Delosperma 'Orange Crush'



Delosperma 'Jewel of Desert Garnet'



Delosperma 'Jewel of Desert Peridot'



Delosperma 'Jewel of Desert Ruby'



Delosperma 'Jewel of Desert Topaz'



Delosperma Fire Spinner



Delosperma Wheels of Wonder Fire Wonder



Delosperma Wheels of Wonder Golden Wonder



Delosperma Wheels of Wonder Hot Pink Wonder

## DELOSPERMA (ICE PLANT) *Delosperma*

MUST HAVE PERENNIALS **'MOUNTAIN DEW'**

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

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

MUST HAVE PERENNIALS **'ORANGE CRUSH'**

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

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

## DELOSPERMA (ICE PLANT)

*Delosperma cooperi*

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

Rose-pink flowers on mats of succulent leaves.

## DELOSPERMA (ICE PLANT)

*Delosperma nubigenum*

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

Spreading, succulent leaves and deep yellow flowers.

## DELOSPERMA (ICE PLANT)

*Delosperma hybrid*

PLANT SELECT **FIRE SPINNER®**

**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.

## WALTERS GARDENS **NEW FOR 2027** **FLASHMOB™ SERIES**

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

- Vibrant flowers glow atop succulent evergreen foliage.
- Plants thrive in dry, gravelly soil and sunny, hot, dry weather.

**'Action Shot'** PPAF  
**'Electric Slide'** PPAF  
**'Macarena'** PPAF

FLASHMOB is a U.S. trademark of Walters Gardens.

## CONCEPT PLANTS, B.V. **JEWEL OF DESERT SERIES**

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

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

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

## CONCEPT PLANTS, B.V. **WHEELS OF WONDER™ SERIES**

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

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

**Fire Wonder**  
**Golden Wonder** 'WOW2011-1' PP25.684  
**Hot Pink Wonder** 'WOWDRY1' PP26.157

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

DELPHINIUM ●  
(LARKSPUR)

*Delphinium x hybrida*

DARWIN PERENNIALS

'RED LARK'



FirstYearFloweringTool.com  
for easy scheduling

Available as tissue  
culture-raised liners

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

**Bloom Months:** April to July

**USDA Hardiness Zones:** 5a to 8b

PP29,761

**TOP SELLER**

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

Exciting breakthrough  
in hybridization!

TOP SELLER

# DELPHINIUM 'RED LARK'



# DIGITALIS ARCTIC FOX™

DIGITALIS ●  
(FOXGLOVE)  
*Digitalis hybrida*

DARWIN PERENNIALS

ARCTIC FOX™  
SERIES



 [FirstYearFloweringTool.com](https://www.FirstYearFloweringTool.com)  
for easy scheduling

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

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

 **Lemon Cream** Tall stems of light yellow flowers make this the perfect thriller in large combo pots. 'Balroxleam' PPAF

 **TOP SELLER Rose** (pictured left) 'Balroxose' PP31,900

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



Lemon Cream

**DIANTHUS** ●  
(CHINA PINKS, CHEDDAR PINKS)

*Dianthus hybrida*

**DARWIN PERENNIALS**

**MOUNTAIN FROST™ COLLECTION** 

Available as liners

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

- This standout collection will rebloom consistently from early Spring until Fall.
- Requires no vernalization to flower.
- Tolerant of rainy and wet conditions.
- Tidy, mounding habit is great for landscape borders.
- Ideal for 2.5-qt. and 1-gal. pot sizes.

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

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

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

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

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

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

**TOP SELLER Ruby Glitter** Height: 6 to 8 in. (15 to 20 cm) Non-fading red blooms with cream-white blotches and silver-gray foliage. 'KonD1400K6' PP33,461

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

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

**DIANTHUS MOUNTAIN FROST — SPREADING**



Pink Carpet



Pink PomPom



Pink Twinkle



White Twinkle

**DIANTHUS MOUNTAIN FROST — MOUNDING**



Red Garnet



Rose Bouquet



Ruby Snow



**TOP SELLER**  
Ruby Glitter



Silver Strike

# Echinacea

**PAGES 44-47**



Echinacea Double Scoop  
Bubble Gum  
Page 47



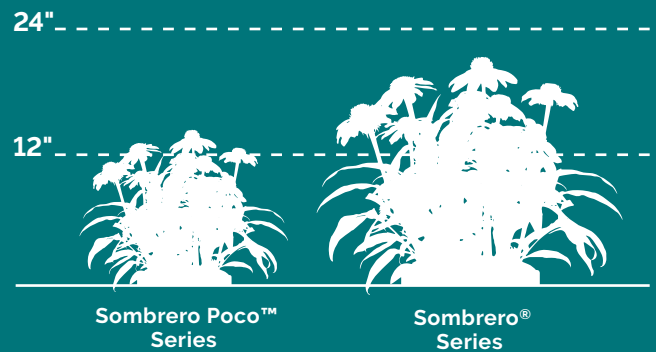
Echinacea Sombbrero  
Adobe Orange  
Pages 44-45



Echinacea Double Scoop  
Strawberry Deluxe  
Page 47

## Echinacea Height Comparisons

*Echinacea x hybrida*



NEW Echinacea Sombbrero Poco  
Hot Pink Improved  
Page 46



Echinacea Sombbrero  
Lemon Yellow  
Pages 44-45

ECHINACEA ●  
(CONEFLOWER)

*Echinacea x hybrida*

DARWIN PERENNIALS

SOMBRERO®  
SERIES



FirstYearFloweringTool.com  
for easy scheduling

Available as tissue  
culture-raised liners

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

**Bloom Months:** June to August

**USDA Hardiness Zones:** 4b to 9b

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

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

**Blanco** 'Balsomblanc'

**Fuchsia Fandango** Vibrant pink blooms on a well-branched, compact habit. 'Balsomfand' US7,982,110

**Granada Gold** (pictured right) Rich, golden yellow, non-fading color.

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

**TOP SELLER Lemon Yellow**

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

**Mandarin Mambo** Amazing, next-level flower coverage and petal overlap feature first-year flowering on a uniform habit. Bold, bright orange flowers fade to a lovely peach color.

'Balsomambo' US7,982,110



**Rosada** Bright rose-pink flowers with dark purple stems. Suitable for garden and cut flower use.

'Balsomrosa' PP33,011; US7,982,110

**TOP SELLER Salsa Red**

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

**Sangrita** Scarlet-red with burgundy-red flower stems.

'Balsomanita' PP30,138; US7,982,110



**Tres Amigos** Shows three colors at once! Flowers open to peachy-coral, age to rose and fade to burgundy.

'Balsomtresgo' PP30,750; US7,982,110





Fuchsia Fandango



Mandarin Mambo



**TOP SELLER**

Adobe Orange



Blanco



Granada Gold (also pictured on page 44)



Rosada



**TOP SELLER**

Salsa Red



Sangrita



Tres Amigos



**TOP SELLER**

Lemon Yellow



**BETTER VERSIONS®**  
by Darwin Perennials

Echinacea Sombbrero is better than older coneflower varieties thanks to its better habit, stronger Winter hardiness and more flowers per plant.



Scan to see all the Better Versions varieties!

ECHINACEA ●  
(CONEFLOWER)

*Echinacea x hybrida*

DARWIN PERENNIALS

SOMBRERO POCO™ SERIES



FirstYearFloweringTool.com  
for easy scheduling

Available as tissue  
culture-raised liners

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

**Bloom Months:** June to August

**USDA Hardiness Zones:** 4b to 9b

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

**TOP SELLER** Hot Coral

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

**NEW** Hot Pink Improved

'Balsompotimp' US7,982,110

**Red** High-impact, red flowers.

'Balsompred' PP34,897; US7,982,110

**White** 'Balsompocwi' US7,982,110



**Yellow** Unique, non-fading flowers last for weeks.

'Balsompocel' US11,297,788; US7,982,110



# ECHINACEA SOMBRERO POCO™

Exceptional Winter  
hardiness, excellent  
branching and proven  
landscape performance.



**TOP SELLER**

Hot Coral

**TOP SELLER**

Hot Coral



**NEW**

Hot Pink Improved



Red



White



Yellow



# ECHINACEA DOUBLE SCOOP™

ECHINACEA 🌻  
(CONEFLOWER)  
*Echinacea x hybrida*

DARWIN PERENNIALS  
DOUBLE SCOOP™  
SERIES



 FirstYearFloweringTool.com  
for easy scheduling

Available as tissue  
culture-raised liners

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

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


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

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

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

**Raspberry Deluxe** Radiant dark pink double blooms.  
'Balscrasux' PP35,823; US7,982,110

**Strawberry Deluxe** A glamorous, deep red color. 'Balscawbux'  
PP35,760; USUS7,982,110

 **Watermelon Deluxe**  
Hot pink with an almost black eye when first opening. 'Balscmelux'  
PP35,743; US7,982,110

Watermelon Deluxe



Bubble Gum



Cranberry



Mandarin

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



Raspberry Deluxe



Strawberry Deluxe



Watermelon Deluxe

ERYSIMUM  
(WALLFLOWER)

*Erysimum cultivars*

SELECTA ONE

BRIGHTSIDE™  
SERIES



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

- More flowers, richer colors and better habit than standard *erysimum* when vernalized.
- Perennial in the South, and makes a great deco container in the North.
- Great for early-Spring, shoulder season production.

**Bright Yellow** (pictured right)  
'KLEEEY21079'

**Lemon Ice** 'KLEEEY21078'

**Magenta Glow** 'KLEEEY21069'

**Orange** (pictured right)  
'KLEEEY23096'

**White** (pictured right) 'KLEEEY24095'



Lemon Ice



Magenta Glow



White

# ERYSIMUM BRIGHTSIDE™





Eupatorium 'Bowles Me Away'



Eupatorium 'Little Joe'



Eupatorium Euphoria Ruby

**ERYSIMUM**   
(WALLFLOWER)  
*Erysimum linifolium*

**DARWIN PERENNIALS**

**'BOWLES ME AWAY'** 

 [FirstYearFloweringTool.com](https://www.FirstYearFloweringTool.com)  
for easy scheduling

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

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.

**EUPATORIUM**   
(JOE-PYE WEED)  
*Eupatorium dubium*

**DARWIN PERENNIALS**

**'LITTLE JOE'** 

 [FirstYearFloweringTool.com](https://www.FirstYearFloweringTool.com)  
for easy scheduling

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

**Strong, sturdy stems won't flop!**

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

**EUPATORIUM**   
(JOE-PYE WEED)  
*Eupatorium purpureum*

FLORENSIS, B.V.

**Flörens**

**EUPHORIA™**   
**RUBY** 

 [FirstYearFloweringTool.com](https://www.FirstYearFloweringTool.com)  
for easy scheduling

**Height:** 24 to 32 in. (61 to 81 cm)  
**Bloom Months:** July to October  
**USDA Hardiness Zones:** 4a to 9a  
'FLOEUPRE1' PP31,668

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

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



Euphorbia 'Bonfire'



Euphorbia 'Ascot Rainbow'



Galium odoratum



Gaura Belleza Compact Light Pink

**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 polychroma*

**MUST HAVE PERENNIALS** MUST HAVE PERENNIALS

'BONFIRE' ✂️

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

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

**EUPHORBIA** ●●●  
(SPURGE)  
*Euphorbia x martinii*

PLANTHAVEN INT'L, INC.  
'ASCOT RAINBOW' ✂️

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

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

**GALIUM** ●●●  
(SWEET WOODRUFF) ✂️  
*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*

SELECTA ONE  
**BELLEZA® SERIES** ✂️

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

This native pollinator features excellent branching and an upright habit. Performs in high humidity and extreme heat. Works well as a companion plant, in containers as thriller items, and in the landscape.

**Compact Light Pink** 'KLEGL06261'  
**TOP SELLER** **Dark Pink** 'KLEAU04263'  
**White** 'KLEGL14844'



Gaura Belleza Dark Pink



Gaura Belleza White



DarwinPerennials.  
Gaura 'Little Janie'



DarwinPerennials.  
Gaura 'Whiskers Deep Rose'



DarwinPerennials.  
Gaura 'Ballerina Rose'



DarwinPerennials.  
Gaura 'Ballerina White'



Gaura 'Passionate Blush'



Gaura 'Whirling Butterflies'

**GAURA** ●  
(WAND FLOWER)  
*Gaura lindheimeri*

**DARWIN PERENNIALS**

**'LITTLE JANIE'** ✂



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

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

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

PLANTHAVEN INT'L, INC.

**PASSIONATE BLUSH** ✂

**Height:** 18 to 24 in. (46 to 61 cm)  
**Bloom Months:** May to September  
**USDA Hardiness Zones:** 7a to 9b  
'SME-2'

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

**DARWIN PERENNIALS**

**'WHISKERS DEEP ROSE'** ✂



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

A great container item for impulse sales.

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

**DARWIN PERENNIALS**

**BALLERINA™ SERIES** ✂



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

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

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

**Rose** 'Baltinrose'  
**White** 'Baltincite' PP20.326

**'WHIRLING BUTTERFLIES'** ✂

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

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

**HEDERA** ●●●  
(ENGLISH IVY)  
*Hedera helix*

**ENGLISH**

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

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

**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.

GERANIUM   
(CRANESBILL)

*Geranium sanguineum*

DARWIN PERENNIALS

PURPLE GLOW 

Available as tissue culture-raised liners

**Height:** 10 to 12 in. (25 to 30 cm)  
**Bloom Months:** March to November  
**USDA Hardiness Zones:** 3a to 8b  
\*Balgerpur103\* PPAF

- Excellent flower coverage with vibrant, saturated color.
- Vigorous, low-mounding habit.
- Fills out containers nicely.



Geranium Purple Glow

GAILLARDIA   
(BLANKET FLOWER)

*Gaillardia aristata*

FLORENSIS, B.V.



GUAPA SERIES   

 [FirstYearFloweringTool.com](https://www.FirstYearFloweringTool.com)  
for easy scheduling

**Height:** 15 to 17 in. (38 to 43 cm)  
**Bloom Months:** June to October  
**USDA Hardiness Zones:** 5a to 9b

- Compact, mounding habit.
- Heat tolerant.
- Reliable supply from Colombia.

**Flamenco Bicolor** Burgundy center petals are encircled by vibrant golden-yellow petal tips. 'FLOGB0060' PP35,858

**Red** Red petals surround deep red and golden-yellow bicolor centers. 'FLOGB0014'



Gaillardia Guapa Flamenco Bicolor



Gaillardia Guapa Red



DarwinPerennials.  
Miscanthus Bandwidth



DarwinPerennials.  
Miscanthus High Frequency



DarwinPerennials.  
Miscanthus My Fair Maiden



Panicum Ruby Ribbons

**MISCANTHUS** ●  
(JAPANESE SILVER GRASS, MAIDEN GRASS)  
*Miscanthus sinensis*

**DARWIN PERENNIALS**  
**BANDWIDTH** 🏆 🚫

**Available as a liner only**  
**Height:** 30 to 36 in. (76 to 91 cm)  
**Bloom Months:** October to November  
**USDA Hardiness Zones:** 5a to 9b  
'NCMS2B' PP29,460

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

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

**DARWIN PERENNIALS**  
**HIGH FREQUENCY** 🚫

**Available as a liner only**  
**Height:** 80 to 86 in. (203 to 218 cm)  
**Bloom Months:** September to October  
**USDA Hardiness Zones:** 5a to 9a  
'NCMS3' PP34,712

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

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

**DARWIN PERENNIALS**  
**MY FAIR MAIDEN** 🚫

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

**A non-invasive, infertile hybrid Maiden Grass.**

- Ideal for dramatic backgrounds in the landscape.

**PANICUM** ●  
(SWITCHGRASS)  
*Panicum virgatum*

**RUBY RIBBONS** 🚫

**Available as liner only**  
**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 Spring.
- Matures to a wine-red color by mid-Summer.
- The perfect accent grass for large containers and beds.

PANICUM   
(SWITCHGRASS)  
*Panicum virgatum*

Available as bare root and liners

HORTECH, INC.

NEW FOR 2027

**DREAM CATCHER®**  
**LIGHTNING BOLT®** 

**Height:** 66 to 78 in. (168 to 198 cm)

**Bloom Months:** August to October

**USDA Hardiness Zones:** 4a to 8a

'Nontlobg' PP36,395

- Stays upright through rain and wind.
- Displays silvery plumes from mid-Summer until Fall.
- Ideal as an accent, specimen or hedging.

HORTECH, INC.

NEW FOR 2027

**DREAM CATCHER®**  
**SMOKY ROSE®** 

**Height:** 36 to 42 in. (91 to 107 cm)

**Bloom Months:** August to October

**USDA Hardiness Zones:** 4a to 8a

'Nonesory' PP36,511

- Compact habit.
- Displays billowy, smoke-rose flowers from mid-Summer until Fall.
- Looks wonderful mass-planted, as an accent and as companion plants.

HORTECH, INC.

NEW FOR 2027

**DREAM CATCHER®**  
**TUMBLEWEED®** 

**Height:** 36 to 38 in. (91 to 97 cm)

**Bloom Months:** August to October

**USDA Hardiness Zones:** 4a to 8a

'Nondee' PP36,232

- Unique, rounded shape looks like a beachball or tumbleweed when in flower.
- Compact habit holds together well through wind and rain.

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Lightning Bolt



Lightning Bolt



Smoky Rose



Tumbleweed

NEW

# FREE SPIRIT® COLLECTION



Blue Arrow

## SCHIZACHYRIUM GRASS (LITTLE BLUESTEM)

*Schizachyrium scoparium*

Available as bare root and liners

HORTECH, INC.

NEW FOR 2027

### FREE SPIRIT® BLUE ARROW®



**Height:** 36 to 42 in. (91 to 107 cm)

**Bloom Months:** August to October

**USDA Hardiness Zones:** 4a to 8a

'Nonworreau'

- Compact habit with season-long color interest.
- Foliage is the shape of a broad arrow in a crisp, steel blue color from Spring until Fall.
- Flowers August through October.

HORTECH, INC.

NEW FOR 2027

### FREE SPIRIT® COMET®



**Height:** 36 to 42 in. (91 to 107 cm)

**Bloom Months:** August to October

**USDA Hardiness Zones:** 4a to 8a

'Nontemoc'

- Upright habit.
- Grass is sky blue during Spring and Summer before changing from the base to hues of ruby red, purple and green during bloom season.
- Tight growth habit makes it a nice compact hedge, accent plant or companion plant.

HORTECH, INC.

NEW FOR 2027

### FREE SPIRIT® MYSTIC PURPLE™



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

**Bloom Months:** August to October

**USDA Hardiness Zones:** 4a to 8a

'Noneipru'

- Blue-colored grass with a vase-like habit.
- Blades turn into beautiful tones of purple and red with silver plumes.
- Foliage reaches 30 to 36 in. (76 to 91 cm) tall when in bloom.

SCHIZACHYRIUM SCOPARIUM FREE SPIRIT and SCHIZACHYRIUM SCOPARIUM BLUE ARROW, COMET and MYSTIC PURPLE are U.S. registered trademarks of Hortech, Inc. Schizachyrium scoparium is hereby disclaimed.



NEW

Blue Arrow



NEW

Comet



NEW

Mystic Purple

HELIANthemUM ●  
(ROCK ROSE)

*Helianthemum nummularium*

DARWIN PERENNIALS

NEW FOR 2027

SUNBURST™ SERIES 

**Height:** 8 to 12 in. (20 to 30 cm)

**Bloom Months:** April to June

**USDA Hardiness Zones:** 5a to 8b

- Adds new, bright colors to early Spring benches!
- These hardy, low-maintenance plants make an attractive groundcover.

**Pink** 'Balsunbink' PPAF

**Rose** (pictured right)  
'Balsunbose' PPAF

**White** 'Balsunbwhi'



Pink



Rose



White

NEW

# HELIANthemUM SUNBURST™





DarwinPerennials.  
Helium Salut Embers



DarwinPerennials.  
Helianthus 'Autumn Gold'



DarwinPerennials.  
Heliopsis 'Summer Eclipse'



**NEW**  
Heliopsis 'Sundial'



DarwinPerennials.  
Heliopsis 'Sunstruck'

**HELIUM** ●  
(SNEEZE WEED)  
*Helium autumnale*

**DARWIN PERENNIALS**  
**SALUD™ EMBERS** ✂️

[FirstYearFloweringTool.com](https://www.FirstYearFloweringTool.com)  
for easy scheduling

**Height:** 14 to 16 in. (36 to 41 cm)  
**Bloom Months:** July to September  
**USDA Hardiness Zones:** 4a to 9a  
'Balsaluemb' PP30,617

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.

**HELIANTHUS** ●  
(NARROW-LEAVED SUNFLOWER)  
*Helianthus salicifolius*

**DARWIN PERENNIALS**  
**'AUTUMN GOLD'** 🏆 ✂️

[FirstYearFloweringTool.com](https://www.FirstYearFloweringTool.com)  
for easy scheduling

**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.

**HELIOPSIS** ●  
(FALSE SUNFLOWER)  
*Heliopsis helianthoides*

**DARWIN PERENNIALS**  
**'SUMMER ECLIPSE'** 🏆 ✂️

[FirstYearFloweringTool.com](https://www.FirstYearFloweringTool.com)  
for easy scheduling

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

The best compact Heliopsis of its type!

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

**WALTERS GARDENS** **NEW FOR 2027**

**'SUNDIAL'** ✂️

**Height:** 48 to 54 in. (122 to 137 cm)  
**Bloom Months:** July to September  
**USDA Hardiness Zones:** 3a to 9b  
PPAF

- Upright petaled prairie flower features dark olive-green foliage, gold petals and orange eyes.
- Eye zone fades as flowers mature.

**DARWIN PERENNIALS**  
**'SUNSTRUCK'** ✂️

[FirstYearFloweringTool.com](https://www.FirstYearFloweringTool.com)  
for easy scheduling

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

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

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

HEMEROCALLIS ●  
(DAYLILY)

*Hemerocallis hybrida*

HORTECH, INC.

NEW FOR 2027

DAYSCAPE™ SERIES ✂

Available as bare root and liners

**Height:** Varies by variety

**Bloom Months:** March to October

**USDA Hardiness Zones:** 5a to 9b

DayScape Daylilies have arrived, and the colors are bold and exciting!

- Very easy to grow!
- Early to bloom.
- Highly resistant to rust, disease, and insects.
- Continuous blooming.
- Vigorous multiplication.
- High bud count.
- Self cleaning.
- Cold opening.

**Coral Blaze**

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

**Spread:** 28 to 30 in. (71 to 76 cm)

Ruffled, coral-colored petals and picotee edges display a yellow throat and red eye. 'DLPG7305'

**Coral Frill**

**Height:** 14 to 20 in. (36 to 51 cm)

**Spread:** 28 to 30 in. (71 to 76 cm)

Coral-pink, ruffled petals with yellow throat and dark pink eye. 'DLPG7306'

**Lemon Meringue**

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

**Spread:** 32 to 34 in. (81 to 86 cm)

Light yellow ruffled petals with a pale green throat. 'DLPG8902'

**Golden Blaze**

**Height:** 25 to 28 in. (64 to 71 cm)

**Spread:** 44 to 46 in. (112 to 117 cm)

Golden-yellow petals with a burgundy ruffled picotee edge and matching burgundy eye. 'DLPG7427'

**Peach Flame**

**Height:** 26 to 32 in. (66 to 81 cm)

**Spread:** 38 to 40 in. (97 to 102 cm)

Light apricot-colored ruffled petals with a green throat and violet-blue eye. 'DLPG7225'

**Scarlet Ribbon**

**Height:** 28 to 30 in. (71 to 76 cm)

**Spread:** 38 to 40 in. (97 to 102 cm)

Deep red, ruffled petals with a yellow-green throat. 'DLPG8501'

**Scarlet Burst**

**Height:** 28 to 31 in. (71 to 79 cm)

**Spread:** 38 to 40 in. (97 to 102 cm)

Deep red, ruffled petals trimmed in a thin, white edge with a yellow eye. 'DLPG7555'

**Golden Yellow**

**Height:** 29 to 32 in. (74 to 81 cm)

**Spread:** 44 to 46 in. (112 to 117 cm)

Golden-yellow flowers are early to bloom in Spring.

'DLPG17947' PP34,995

**Berries and Cream**

**Height:** 38 to 40 in. (97 to 102 cm)

**Spread:** 42 to 44 in. (107 to 112 cm)

Light yellow petals surround a green throat with a dark wine-colored eye and ruffled picotee edge. 'DLPG7430'

NEW

# HEMEROCALLIS DAYSCAPE™





**NEW**  
Coral Blaze



**NEW**  
Lemon Meringue



**NEW**  
Golden Blaze



**NEW**  
Coral Frill



**NEW**  
Peach Flame



**NEW**  
Scarlet Ribbon



**NEW**  
Scarlet Burst



**NEW**  
Berries and Cream



**NEW**  
Golden Yellow (also pictured on page 58)

# Herbs

## PAGES 61-64



Rosmarinus 'Arp'  
Page 62



Thymus 'Coccineus'  
Page 63



Rosmarinus Blue Cascade  
Page 62

Darwin Colombia offers a wide range of novel and traditional herbs. Our vegetative unrooted cuttings are derived from clean stock protocols and packaged in bags of 50. Cuttings go from harvest to cooler in 15 minutes, ensuring the highest quality possible.



Mentha Mojito  
Page 61



Salvia Silver Scent  
Page 63



Artemisia French Tarragon



Mentha 'Kentucky Colonel'



Mentha Spearmint



Mentha Apple



Mentha Pineapple Variegated



Mentha Chocolate



Mentha Mojito



Mentha Citrata Orange



Mentha Peppermint



Mentha Strawberry



Origanum 'Kent Beauty'

**ARTEMISIA** ●  
**(WORMWOOD)**  
*Artemisia dracunculus sativa*

**FRENCH TARRAGON** 🚫

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

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

**MENTHA** ● ●  
**(MINT)**  
*Mentha spicata*

**'KENTUCKY COLONEL'** 🚫

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

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

**SPEARMINT** 🚫

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

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

**MENTHA** ● ●  
**(MINT)**  
*Mentha suaveolens*

**APPLE** 🚫

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

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

**PINEAPPLE VARIEGATED** 🚫

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

Green and white variegated leaves with sweet pineapple scent.

**MENTHA** ● ●  
**(MINT)**  
*Mentha x piperita*

**CHOCOLATE** 🚫

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

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

**CITRATA ORANGE** 🚫

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

Very fragrant orange mint with a neat, attractive habit.

**PEPPERMINT** 🚫

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

Deliciously spicy scent – great for tea.

**STRAWBERRY** 🚫

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

Nice strawberry scented mint. Pink flower.

**MENTHA** ● ●  
**(MINT)**  
*Mentha x villosa*

**MOJITO** 🚫

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

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

**ORIGANUM** ●  
**(ORNAMENTAL OREGANO)**  
*Origanum rotundifolium*

**'KENT BEAUTY'** 🚫

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

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



Origanum 'Hot and Spicy'



Origanum Variegated



Origanum Greek



Origanum Italian



Rosmarinus officinalis



Rosmarinus 'Arp'



Rosmarinus 'Barbecue'



Rosmarinus 'Gorizia'



Rosmarinus Blue Cascade



Rosmarinus 'Huntington Carpet'



Rosmarinus 'Prostratus'



Rosmarinus 'Salem'



Rosmarinus 'Spice Island'



Rosmarinus 'Tuscan Blue'



Salvia Pineapple Sage

## ORIGANUM (OREGANO)

*Origanum vulgare*

### 'AUREUM'

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

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

### 'HOT AND SPICY'

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

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

### VARIEGATED

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

Green with cream-colored variegated edges.

## ORIGANUM (OREGANO)

*Origanum vulgare hirtum*

### GREEK

**Height:** 12 to 28 in. (30 to 71 cm)  
**USDA Hardiness Zones:** 5a to 9b

Strong-growing, hardy strain.

## ORIGANUM (OREGANO)

*Origanum x majoricum*

### ITALIAN

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

Deliciously scented culinary herb.

## ROSMARINUS (ROSEMARY)

*Rosmarinus officinalis*

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

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

### 'ARP'

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

#### TOP SELLER

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

## PLANTIPP

### BLUE CASCADE

**Height:** 12 to 18 in. (30 to 46 cm)  
**USDA Hardiness Zones:** 6a to 9b  
'Lowros12' PP31,838

- Cascading habit makes an amazing mixed container or hanging basket.
- Offers delicious culinary scent and flavor.
- Hardy to USDA Zone 6!
- If vernalized, produces blue, dainty flowers.

### 'GORIZIA'

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

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

### 'HUNTINGTON CARPET'

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

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

### 'PROSTRATUS'

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

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

### 'SALEM'

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

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

### 'SPICE ISLAND'

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

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

### 'TUSCAN BLUE'

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

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

## SALVIA (SAGE)

*Salvia elegans*

### PINEAPPLE SAGE

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

Tender perennial with pineapple-scented foliage and red flowers.



DarwinPerennials.

Salvia Silver Scent



Salvia 'Aurea'



Salvia 'Berggarten'



Salvia Garden Sage



Salvia 'Icterina'



Salvia 'Purpurascens'



TOP SELLER

Thymus 'Coccineus'



TOP SELLER

Thymus 'Pseudolanuginosus'



Salvia 'Tricolor'



Stevia Sweet Leaf



Thymus 'Albiflorus'



Thymus Highland Cream

**SALVIA** ●  
(GOLDEN SAGE)  
*Salvia officinalis*

**'AUREA'** 🚫

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

Golden Sage has chartreuse leaves edged in gold.

**'BERGGARTEN'** 🚫

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

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

**GARDEN SAGE** 🚫

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

Strongly aromatic, gray-green foliage.

**'ICTERINA'** 🚫

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

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

**'PURPURASCENS'** 🚫

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

Purple Sage has bluish-purple stems and leaves.

**DARWIN PERENNIALS**  
**SILVER SCENT** 🚫

**FYE** FirstYearFloweringTool.com  
for easy scheduling

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

'Balsalenti' PP35,859

Bring fragrance back to the ornamental garden.

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

**'TRICOLOR'** 🚫

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

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

**STEVIA** ●  
(STEVIA)  
*Stevia rebaudiana*

**SWEET LEAF**

**Height:** 18 to 30 in. (46 to 76 cm)  
**USDA Hardiness Zones:** 9a to 11

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

**THYMUS** ●  
(THYME)  
*Thymus praecox*

**'ALBIFLORUS'** 🚫

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

Low-growing habit with green leaves and white flowers.

**'COCCINEUS'** 🚫

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

**TOP SELLER**

Also known as Creeping Thyme. Low-growing perennial with small, elliptical, green leaves and fuchsia-red blooms in Summer.

**HIGHLAND CREAM** 🚫

**Height:** 2 to 4 in. (5 to 10 cm)  
**USDA Hardiness Zones:** 3a to 8b  
'Hartington Silver'

Also known as 'Hartington Silver'. Small, green leaves with creamy-white margins and tiny flowers of palest pink in late Spring.

**'PSEUDOLANUGINOSUS'** 🚫

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

**TOP SELLER**

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



Thymus 'Elfin'



Thymus 'Magic Carpet'



Thymus 'Pink Chintz'



Thymus English



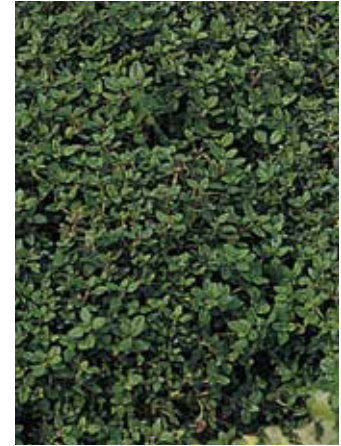
Thymus French



Thymus 'Doone Valley'



Thymus Golden Lemon



Thymus Lemon

**THYMUS** ●  
(THYME)

*Thymus serpyllum*

**'ELFIN'** ☹️

**Height:** 1 in. (3 cm)  
**USDA Hardiness Zones:** 4a to 9b

Tight, creeping groundcover with mats of tiny, dark green foliage and pink flowers in Summer.

**'MAGIC CARPET'** ☹️

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

Tiny, pink flowers float over mats of green, slightly hairy foliage.

**'PINK CHINTZ'** ☹️

**Height:** 1 in. (3 cm)  
**USDA Hardiness Zones:** 4a to 9b

Mat-forming creeper with tiny, green leaves and pink flowers.

**THYMUS** ●  
(THYME)

*Thymus vulgaris*

**ENGLISH** ☹️

**Height:** 6 to 8 in. (15 to 20 cm)  
**USDA Hardiness Zones:** 4a to 9b

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

**FRENCH** ☹️

**Height:** 6 to 8 in. (15 to 20 cm)  
**USDA Hardiness Zones:** 4a to 9b

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

**THYMUS** ●  
(THYME)

*Thymus x citriodorus*

**'DOONE VALLEY'** ☹️

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

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

**GOLDEN LEMON** ☹️

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

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

**LEMON** ☹️

**Height:** 8 in. (20 cm)  
**USDA Hardiness Zones:** 5a to 9b

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

**SILVER EDGED** ☹️

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

Narrow, green leaves with variable silver variegation, lavender-pink flowers and no lemon fragrance.

**'SPICY ORANGE'** ☹️

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

Needle-like leaves with a spicy, orange scent; soft, lavender flowers in late Spring.



Thymus Silver Edged



Thymus 'Spicy Orange'

© MasterTag



Black Olive



Burgundy Blast



**TOP SELLER**

Cinnamon Stick

**HEUCHERA** ●●  
**(CORAL BELLS)**

*Heuchera x hybrida*

**DARWIN PERENNIALS**

**CARNIVAL SERIES**



**FirstYearFloweringTool.com**  
for easy scheduling

Available as tissue culture-raised liners

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

**Bloom Months:** April to May

**USDA Hardiness Zones:** 4a to 9b

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

**Black Olive**

**Burgundy Blast** Burgundy-red color. PP34,038

**TOP SELLER Cinnamon Stick** Copper shades. PP33,991

**Cocomint** PP24,927

🏆 **Lime Zest** 'Balcarnlest' PPAF

**Peach Parfait** PP24,928

**Plum Crazy** PP24,771

**TOP SELLER Rose Granita**

**TOP SELLER Watermelon**

PP24,803



Cocomint



Lime Zest



Peach Parfait



**TOP SELLER**

Rose Granita



Plum Crazy

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



**TOP SELLER**

Watermelon



Mixed container featuring Heuchera Carnival Cocomint, Watermelon; Alyssum Golden Spring; Gaura Whiskers Deep Rose



Mixed container featuring Heuchera Carnival Watermelon; Salvia Radio Red; Salvia Lyrical White

HEUCHERA ●  
(CORAL BELLS)  
*Heuchera hybrid*

DARWIN PERENNIALS

NEW FOR 2027

EVERGLOW MIDNIGHT



FirstYearFloweringTool.com  
for easy scheduling

Available as tissue  
culture-raised liners

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

**Bloom Months:** April to May

**USDA Hardiness Zones:** 4a to 9b

'HEU EBM 964' PPAF

- High-gloss leaves create interest in shade gardens.
- Versatile color makes nearby plants pop in landscapes and containers!



NEW

Heuchera Everglow Midnight

HEUCHERA ●●  
(CORAL BELLS)  
*Heuchera x villosa*

DARWIN PERENNIALS

'BIG TOP  
CARAMEL  
APPLE'



FirstYearFloweringTool.com  
for easy scheduling

Available as tissue  
culture-raised liners

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

**Bloom Months:** April to May

**USDA Hardiness Zones:** 4a to 9a

PP34.039

Large Heuchera delivers big  
performance and amazing color!

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



Heuchera 'Big Top Caramel Apple'

# IBERIS 'SUMMER SNOWDRIFT'

IBERIS   
(CANDYTUFT)  
*Iberis hybrid*

DARWIN PERENNIALS

'SUMMER SNOWDRIFT' 

 [FirstYearFloweringTool.com](http://FirstYearFloweringTool.com)  
for easy scheduling

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

**Bloom Months:** May to October

**USDA Hardiness Zones:** 6b to 9a

PP30.713

- No vernalization needed for flowering.
- Extend the 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.

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



August  
West Chicago, Illinois

Mixed container featuring  
Iberis Summer Snowdrift;  
Mentha Pineapple Variegated;  
Salvia Mirage Cherry Red

BLOOM MONTHS											
Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.

IBERIS ●  
(EVERGREEN  
CANDYTUFT)

*Iberis sempervirens*

DARWIN PERENNIALS

'SNOWSATION'

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

**Bloom Months:** February to April

**USDA Hardiness Zones:** 4a to 9a

PP29,637

**TOP SELLER**

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

The largest flowers of any compact Iberis!



TOP SELLER

# IBERIS 'SNOWSATION'

## BLOOM MONTHS

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



Iberis 'Alexander's White'



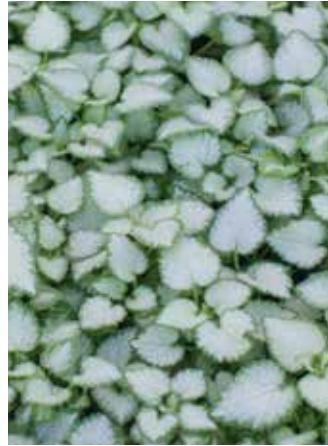
Lamiastrum 'Variegatum'



Lamium 'Beacon Silver'



Lamium 'Orchid Frost'



Lamium 'Purple Dragon'



Lamium 'Red Nancy'



Lamium 'White Nancy'

**IBERIS** ●  
(EVERGREEN  
CANDYTUFT)  
*Iberis sempervirens*

**'ALEXANDER'S WHITE'**

**Height:** 10 to 12 in. (25 to 30 cm)  
**Bloom Months:** March to April  
**USDA Hardiness Zones:** 3a to 8b  
Deep green, evergreen foliage is covered by dense, pure white flowers in Spring.

**'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.

PLANTHAVEN INT'L, INC.

**'ORCHID FROST'**

**Height:** 4 to 6 in. (10 to 15 cm)  
**Bloom Months:** April to May  
**USDA Hardiness Zones:** 4a to 9b  
Low-maintenance garden performer features orchid-pink flowers that rebloom in Fall; good resistance to leaf spots.

**'PINK PEWTER'**

**Height:** 4 to 8 in. (10 to 20 cm)  
**Bloom Months:** April to May  
**USDA Hardiness Zones:** 3a to 9b  
Beautifully variegated leaves and long-blooming, soft pink flowers.

HORTECH, INC.

**'PURPLE DRAGON'**

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

**'WHITE NANCY'**

**Height:** 6 in. (15 cm)  
**Bloom Months:** April to May  
**USDA Hardiness Zones:** 3a to 9b  
Fast-growing groundcover with silver and green variegated foliage and pure white flowers.

KNIPHOFIA   
(RED-HOT POKER)  
*Kniphofia uvaria*

DARWIN PERENNIALS

GLOWSTICK    



FirstYearFloweringTool.com  
for easy scheduling

**Height:** 26 to 29 in. (66 to 74 cm)

**Bloom Months:** July to November

**USDA Hardiness Zones:** 6a to 9b

'KLEKN22193' PP35,323

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

Versatile Glowstick makes a bold statement in the garden.



Mixed container featuring  
Echinacea Sombbrero Adobe Orange;  
Granada Gold;  
Centaurea Silver Swirl;  
Kniphofia Glowstick;  
Polemonium Golden Feathers

# KNIPHOFIA GLOWSTICK





Lavandula  
Primavera  
page 76



Lavandula  
'SuperBlue'  
page 72

# PRO TIP: EXTEND YOUR SEASON WITH LAVENDER!

## Spring into the Season with Spanish Lavender

Kick off your Lavender season in early Spring with Spanish Lavender varieties, including two **NEW Butterfly Garden™ varieties: NEW Plum Perfect and NEW Poppin' Pink**. They are hardy to Zone 6, perform very well in landscapes and bloom throughout Spring and into early Summer.

## Lavender Primavera is the All-Season Performer

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

## English Lavenders are for Warmer Days

As days get longer, transition your program to English Lavenders, such as 'SuperBlue' and 'Annet', to cover your potpourri needs. And, because most English Lavender are first-year-flowering perennials, scheduling for targeted sales dates is easy! Some varieties will cycle out of flower in the southern Summer heat; however, many of these Zone 5-hardy varieties flower all season in North American regions, making them ideal as landscape plants!



NEW Lavandula  
Butterfly Garden Plum Perfect  
page 75

LAVANDULA   
(ENGLISH LAVENDER)  
*Lavandula angustifolia*

DARWIN PERENNIALS

'ANNET'   

 [FirstYearFloweringTool.com](https://www.FirstYearFloweringTool.com)  
for easy scheduling

**Height:** 16 to 18 in. (41 to 46 cm)  
**Bloom Months:** April to September  
**USDA Hardiness Zones:** 4a to 9a  
CPBR5107; PP28,867

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

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



Lavandula 'Annet'

DARWIN PERENNIALS

'SUPERBLUE'   

 [FirstYearFloweringTool.com](https://www.FirstYearFloweringTool.com)  
for easy scheduling

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

**TOP SELLER**

Excellent performer boasts the biggest blooms!

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



Lavandula 'SuperBlue'



**BETTER VERSIONS<sup>®</sup>**  
by Darwin Perennials

'SuperBlue' is better than 'Hidcote', offering bigger blooms and better habit in the landscape.

**TOP SELLER**



Lavandula Big Time Blue



Lavandula 'Blue Cushion'



Lavandula 'Hidcote'



Lavandula 'Munstead'



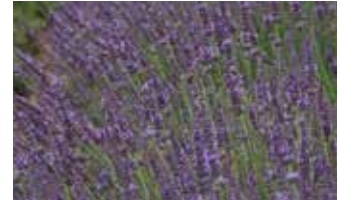
Lavandula dentata



Lavandula 'Grosso'



Lavandula 'Provence'



Lavandula Phenomenal



Lavandula 'Otto Quast'



Lavandula 'Goodwin Creek Grey'

## LAVANDULA (ENGLISH LAVENDER)

*Lavandula angustifolia*

CONCEPT PLANTS, B.V.

### 'BIG TIME BLUE'

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

'Armtipp01' PP24.827

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

MUST HAVE PERENNIALS

### 'BLUE CUSHION'

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

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

### 'HIDCOTE'

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

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

### 'MUNSTEAD'

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

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

MOMPARTLER ALBORS

### PLATINUM BLONDE™

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

'Momparter' PP23.834

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

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

## LAVANDULA (FRENCH LAVENDER)

*Lavandula dentata*

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

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

## LAVANDULA (LAVENDER)

*Lavandula intermedia*

### 'GROSSO'

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

Fragrant and wonderful addition to scent gardens.

### 'PROVENCE'

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

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

## LAVANDULA (LAVENDER)

*Lavandula x intermedia*

### B & S PLANTS, LLC 'PHENOMENAL'®

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

'Niko' PP24.193

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

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

## LAVANDULA (FERNLEAF LAVENDER)

*Lavandula pinnata*

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

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

## LAVANDULA (SPANISH LAVENDER)

*Lavandula stoechas*

### 'OTTO QUAST'

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

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

## LAVANDULA (LAVENDER)

*Lavandula x 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.

LAVANDULA   
 (SPANISH LAVENDER)  
*Lavandula stoechas*

DARWIN PERENNIALS

**ANOUK SERIES** 

 [FirstYearFloweringTool.com](http://FirstYearFloweringTool.com)  
 for easy scheduling

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

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

**'Anouk'** Dark violet flower spikes topped by clear purple flags.

**Anouk Supreme** Flowers one week earlier than 'Anouk'.

'Anouk Deluxe 901' PP26,495

**Burgundy** Unique color breakthrough! 'Anouk Deluxe 202001' PP36,612

**Deep Rose** Deep rose flags on lavender-rose flowers.

'Anouk Deluxe 179' PP26,493

**Double Anouk** Double lavender flags on purple flowers.

'Anouk Deluxe 1205' PP28,264

**Purple Flare** Dark purple flowers topped with pink-purple flags.

'Anouk Deluxe 16115' PP35,064

**Purple Medley** Larger and more flowers than standard Anouk varieties with the same great plant performance. Ideal for the typical Spanish Lavender season.

'Anouk Deluxe 1939' PP35,499

**Royal Anouk** Rich, deep purple color. 'Anouk Deluxe 201909' PPAF

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

# LAVANDULA ANOUK



Purple Flare



'Anouk'



Anouk Supreme



Burgundy



Deep Rose



Double Anouk



Purple Flare



Purple Medley



Royal Anouk



'Silver Anouk'

Outstanding in  
containers and  
landscapes.

NEW

# LAVANDULA BUTTERFLY GARDEN™

LAVANDULA   
(SPANISH LAVENDER)  
*Lavandula stoechas*

DARWIN PERENNIALS

NEW FOR 2027

BUTTERFLY  
GARDEN™ SERIES 

**Height:** 12 to 15 in. (30 to 38 cm)  
**Bloom Months:** March to July  
**USDA Hardiness Zones:** 6b to 9b

- Excellent habit.
- Easy to produce.

**Plum Perfect** High flower count with high-impact lavender color. 'Summer TV84' US PVP/AF

**Poppin' Pink** Lots of high-impact, pink flowers. 'Summer TV76'



NEW

Poppin' Pink



NEW

Plum Perfect (also pictured left)



# LAVANDULA LAVENDER FROST™

LAVANDULA   
(SPANISH LAVENDER)  
*Lavandula pedunculata*

DARWIN PERENNIALS

LAVENDER FROST™   
SERIES

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

- Displays a striking contrast between flowers and unique silver foliage.
- Deer resistant.
- Wonderful for pollinators!

**Pink** (pictured left)  
Bubblegum-pink flowers are a nice complement to the silver foliage. 'B 510-96'

**Purple** Dark purple flowers contrast with the bright silver foliage. 'B 510-17' PP36,940



Pink



Purple



Purple

LEUCANTHEMUM (SHASTA DAISY)

*Leucanthemum superbum*

DARWIN PERENNIALS

MAKE MY DAISY™ SERIES



FirstYearFloweringTool.com  
for easy scheduling

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

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

**Crazy** Exciting, semi-double flowers. 'Sunrimaizy' PP35,074

**Happy** Single flower form. 'Sunrimaipay' PP35,183

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



Crazy



Happy (also pictured right)

# LEUCANTHEMUM MAKE MY DAISY™





DarwinPerennials.

Leucanthemum 'Whitecap'

**LEUCANTHEMUM** ●  
**(SHASTA DAISY)**  
*Leucanthemum x superbum*

**DARWIN PERENNIALS**

**'WHITECAP'** ✂

 **FirstYearFloweringTool.com**  
for easy scheduling

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

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

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



Leucanthemum 'Cream Puff'

**WALTERS GARDENS**

 WaltersGardens

**'CREAM PUFF'** ✂

**Height:** 14 to 16 in. (36 to 41 cm)  
**Bloom Months:** July  
**USDA Hardiness Zones:** 5a to 9b  
PP30,074

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



Leucanthemum 'Seventh Heaven'



Leucanthemum Sunshine Freak!



Leucanthemum 'Becky'



Leucanthemum Freak!

**LEUCANTHEMUM**   
(SHASTA DAISY)

*Leucanthemum*

WALTERS GARDENS



**'SEVENTH HEAVEN'** 

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

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

MUST HAVE PERENNIALS 


**SUNSHINE FREAK!** 

**Height:** 10 to 12 in. (25 to 30 cm)  
**Bloom Months:** April to August  
**USDA Hardiness Zones:** 5a to 8b  
'Q3597-2' PP32.121

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

**LEUCANTHEMUM**   
(SHASTA DAISY)


*Leucanthemum x superbum*

**'BECKY'** 

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

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


MUST HAVE PERENNIALS 

**FREAK!®** 

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

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

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

**'SNOWCAP'** 

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

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

WALTERS GARDENS 

**'SPOONFUL OF SUGAR'** 

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

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



Leucanthemum 'Spoonful of Sugar'



DarwinPerennials.

Lysimachia 'Night Light'



Lithodora 'Grace Ward'



Lithodora 'White Star'



Lysimachia 'Goldilocks'

**LYSIMACHIA**    
(MONEYWORT)

*Lysimachia alfredii*

**DARWIN PERENNIALS**

**'NIGHT LIGHT'**

 [FirstYearFloweringTool.com](http://FirstYearFloweringTool.com)  
for easy scheduling

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

**Bloom Months:** Year round, depending on location

**USDA Hardiness Zones:** 5a to 9a

PP33,931

Shade-loving, flowering groundcover.

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

**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.

**MUST HAVE PERENNIALS** 

**'WHITE STAR'** 

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

**Bloom Months:** May to June

**USDA Hardiness Zones:** 6a to 8b

PP20,078

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

**LYSIMACHIA**    
(LYSIMACHIA, MONEYWORT)

*Lysimachia nummularia*

**'GOLDILOCKS'** 

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

**USDA Hardiness Zones:** 3a to 10b

Trailing habit and golden foliage are beautiful in mixed containers.

# Monarda

## PAGES 83-85



Monarda BeeMine  
Red  
Page 84



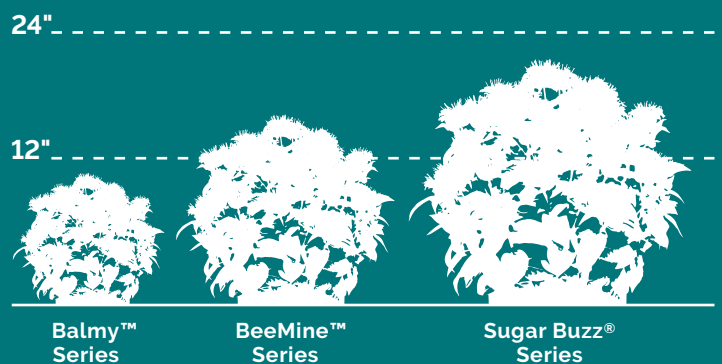
Monarda BeeMine  
Lavender  
Page 84



Monarda BeeMine  
Purple  
Page 84

### Monarda Height Comparisons

*Monarda didyma*



Monarda Balmy  
Pink  
Page 83



Monarda Sugar Buzz  
'Cherry Pops'  
Page 85

# MONARDA BALMY™

MONARDA   
(BEE BALM, BERGAMOT)  
*Monarda didyma*

DARWIN PERENNIALS

BALMY™ SERIES 

 [FirstYearFloweringTool.com](https://www.FirstYearFloweringTool.com)  
for easy scheduling

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

**Bloom Months:** June to July

**USDA Hardiness Zones:** 4a to 9b

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

**Lilac** 'Balbalmac' PP26,594

**Pink** (pictured left)

'Balbalmink' PP26,566

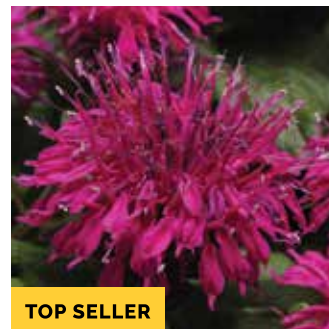
**TOP SELLER Purple**

'Balbalmurp' PP25,561

**Rose** 'Balbalmos366'



Lilac




Purple



Rose

MONARDA   
(BEE BALM, BERGAMOT)  
*Monarda didyma*


DARWIN PERENNIALS

BEEMINE™  
SERIES 

 [FirstYearFloweringTool.com](http://FirstYearFloweringTool.com)  
for easy scheduling

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

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

 **Lavender** (pictured right)  
'Balbeemav' PP33,915

**Pink** 'Balbeemin' PP33,916

**Purple** 'Balbeempur' PPAF

**Red** 'Balbeemed' PP33,917

Excellent  
early-flowering,  
medium-height  
Monarda.



Pink



Purple



Red

# MONARDA BEEMINE™





**TOP SELLER**

Monarda Sugar Buzz 'Cherry Pops'



Monarda Sugar Buzz 'Blue Moon'



Monarda Sugar Buzz 'Bubblegum Blast'



Monarda Sugar Buzz 'Grape Gumball'



Monarda Sugar Buzz 'Pink Frosting'



Monarda Sugar Buzz 'Rockin' Raspberry'

**MONARDA**   
(BEE BALM, BERGAMOT)  
*Monarda didyma*

WALTERS GARDENS



**SUGAR BUZZ®  
SERIES** 

**Height:** Varies by variety  
**Bloom Months:** July to August  
**USDA Hardiness Zones:** 4a to 8b

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

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

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

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

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

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

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

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

**'JACOB CLINE'** 

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

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

**MUEHLENBECKIA**   
(MAIDENHAIR VINE)  
*Muehlenbeckia axillaris*

**'NANA'** 

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

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

# Nepeta

## PAGES 87-90



Nepeta Prelude  
Purple  
Page 90



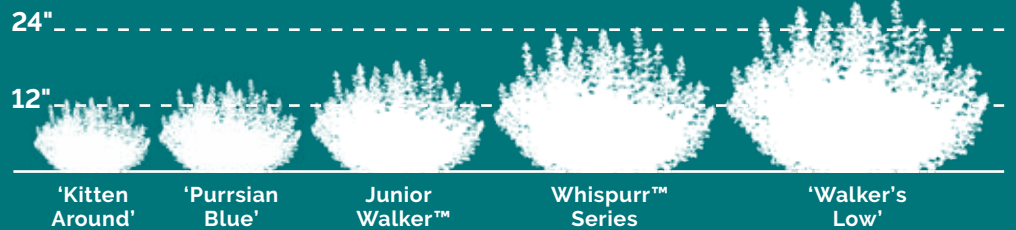
Nepeta Whisper  
Pink  
Page 87



Nepeta Prelude  
Purple  
Page 90

### Nepeta Height Comparisons

*Nepeta x faassenii*



'Kitten  
Around'

'Purrsian  
Blue'

Junior  
Walker™

Whispurr™  
Series

'Walker's  
Low'



Nepeta Whispurr  
Blue  
Page 87



Nepeta Junior Walker  
Page 89



Blue

NEPETA (CATMINT)  
*Nepeta x faassenii*

DARWIN PERENNIALS

WHISPURR™ SERIES 

 [FirstYearFloweringTool.com](https://www.FirstYearFloweringTool.com)  
for easy scheduling

**Height:** 24 to 28 in. (61 to 71 cm)  
**Bloom Months:** April to September  
**USDA Hardiness Zones:** 3a to 9a

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

 **Blue** 'Balpurrlu' PP33,042

**Pink** 'Balpurrink' PP33,184

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



Pink



Nepeta 'Chartreuse On The Loose'



Nepeta 'Picture Purrrfect'

**NEPETA** ●  
(CATMINT)

*Nepeta*

WALTERS GARDENS



**'CHARTREUSE ON THE LOOSE'**



**Height:** 8 to 10 in. (20 to 25 cm)  
**Bloom Months:** June to August  
**USDA Hardiness Zones:** 3a to 8b  
PP35,867

Foliage-forward Catmint has bright chartreuse leaves that highlight lavender-blue flowers. This long-blooming perennial is not bothered by browsing animals. Low maintenance.

**NEPETA** ●  
(CATMINT)

*Nepeta hybrid*

WALTERS GARDENS



**'PICTURE PURRFECT'**



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

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

**NEPETA** ●  
(CATMINT)

*Nepeta x faassenii*

**'BLUE WONDER'**



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

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

WALTERS GARDENS



**'KITTEN AROUND'**



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

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

**'WALKER'S LOW'**



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

Long-flowering, blue-purple blooms complement fragrant, silver leaves. Compact mounds spread to 24 in. (61 cm) wide.



Nepeta 'Blue Wonder'



Nepeta 'Kitten Around'

TOP SELLER



DarwinPerennials.  
Nepeta Junior Walker

NEPETA (CATMINT)  
*Nepeta x faassenii*

DARWIN PERENNIALS

JUNIOR WALKER™

FirstYearFloweringTool.com  
for easy scheduling

**Height:** 18 in. (46 cm)  
**Bloom Months:** May to September  
**USDA Hardiness Zones:** 4a to 8b  
'Novanepjun' PP23,074

TOP SELLER

Abundant flowers in a compact habit!

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



**BETTER VERSIONS®**  
by Darwin Perennials

Junior Walker is better than 'Walker's Low' thanks to its earlier blooming in the landscape and a better habit that won't lodge open.

TOP SELLER



Nepeta 'Purrsian Blue'

WALTERS GARDENS



'PURRSIAN BLUE'

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

TOP SELLER

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

NEPETA   
(JAPANESE CATMINT)

*Nepeta subsessilis*

DARWIN PERENNIALS

PRELUDE™  
SERIES



 [FirstYearFloweringTool.com](https://www.FirstYearFloweringTool.com)  
for easy scheduling

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

- Scales to 3 ft. (91 cm) in the second year.
- Features a long flowering season.
- Minty fragrance attracts pollinators.
- Ideal for 2.5-qt. and 1-gal. pot sizes.

**Blue** 'Balneplud' PP31,901

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

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



Blue (also pictured right)



Purple

# NEPETA PRELUDE™





DarwinPerennials.

Oenothera 'Evening Sun'

**OENOTHERA** ●  
**(MISSOURI EVENING  
 PRIMROSE)**

*Oenothera missouriensis*

**DARWIN PERENNIALS**

**'EVENING SUN'**



 **FirstYearFloweringTool.com**  
 for easy scheduling

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

Bright yellow flowers create striking displays against silvery green foliage.

- Flowers open in the afternoon and bloom throughout the night, attracting butterflies and moths.
- North American native is tolerant of a wide range of soil types.
- Drought tolerant once established and low maintenance.
- Requires less chemicals and features less shrink for simplified production.

**OENOTHERA** ●  
**(EVENING PRIMROSE)**

*Oenothera berlandieri*

**'SISKIYOU'**



**Height:** 6 to 8 in. (15 to 20 cm)  
**Bloom Months:** June to August  
**USDA Hardiness Zones:** 4a to 8b  
 Neat, compact and floriferous with pink flowers.



Oenothera 'Siskiyou'

# Penstemon

**PAGES 93-96**



Penstemon  
Summit Sweets Purple  
Page 95



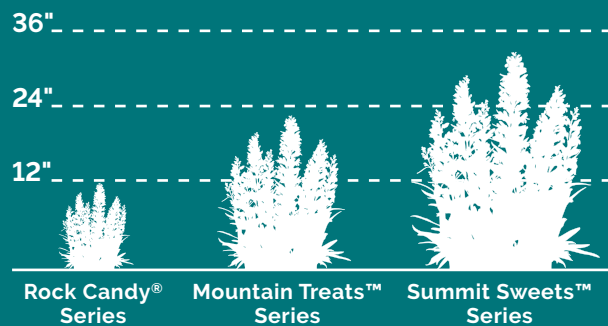
Penstemon 'Cherry Sparks'  
Page 96



Penstemon  
Mountain Treats Rose  
Page 94

## Penstemon Height Comparisons

*Penstemon hybrida*



Penstemon  
Rock Candy Blue  
Page 93



Penstemon  
Rock Candy Ruby  
Page 93

# PENSTEMON ROCK CANDY®

PENSTEMON ●  
(BEARD TONGUE)  
*Penstemon barbatus*

DARWIN PERENNIALS

ROCK CANDY®  
SERIES



 [FirstYearFloweringTool.com](http://FirstYearFloweringTool.com)  
for easy scheduling

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

- Bell-shaped blooms on compact flower spikes.
- Intense, vibrant colors.
- Great for borders and containers!

**TOP SELLER** Blue

'Novapenblu' PP27,786

**Coral** 'Balrocoral'

**Light Pink** 'Novapenlig' PP27,787

**Pink** 'Balrocinki'

**Purple** 'Balrocurp' PP35,761

**Ruby** 'Novapenrub' PP27,820

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



Ruby



**TOP SELLER**

Blue



Coral



Light Pink



Pink



Purple

**PENSTEMON** ●  
(BEARD TONGUE)  
*Penstemon hybrida*

DARWIN PERENNIALS

**MOUNTAIN  
TREATS™ SERIES** ✂

 [FirstYearFloweringTool.com](http://FirstYearFloweringTool.com)  
for easy scheduling

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

- Big flowers for high-impact color at retail and in the landscape.
- Medium habit with better basal branching.
- A hummingbird magnet!

 **Fuchsia** 'Balmounfusia' PPAF

**Lavender** 'Balmounlav'

 **Light Pink** 'Balmountipi'

**Red** 'Balquered' PP32,296

**Rose** 'Balmounose' PPAF

# PENSTEMON MOUNTAIN TREATS™



Reblooms throughout  
the season for  
high-impact color.



Fuchsia

Rose



Lavender



Light Pink



Red



Rose

# PENSTEMON SUMMIT SWEETS™

PENSTEMON ●  
(BEARD TONGUE)

*Penstemon hybrida*

DARWIN PERENNIALS

SUMMIT SWEETS™  
SERIES



 [FirstYearFloweringTool.com](https://www.FirstYearFloweringTool.com)  
for easy scheduling


**Height:** 30 to 34 in. (76 to 86 cm)

**Bloom Months:** May to July

**USDA Hardiness Zones:** 5a to 8b

- Tall in the landscape and manageable at retail.
- High-impact color on the bench and in the garden.
- Makes a fantastic thriller in mixed containers!

**Purple** 'Balsummpurli' PPAF

 **Ruby** 'Balsummrü' PPAF

Adds a dramatic look to gardens and mixed containers.



Purple



Ruby (also pictured left)

**PENSTEMON** ●  
**(BEARD TONGUE)**

*Penstemon hybrida*

**DARWIN PERENNIALS**

**'CHERRY SPARKS'** ✂



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

**Bloom Months:** May to August

**USDA Hardiness Zones:** 5a to 9b

PP28,869

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

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



Penstemon 'Cherry Sparks'

**DARWIN PERENNIALS**

**MISSIONBELLS™**  
**DEEP ROSE** ✂



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

**Bloom Months:** June to August

**USDA Hardiness Zones:** 5a to 9b

'Balmibepro' PP28,852

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

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



Penstemon Missionbells Deep Rose



Perovskia 'Prime Time'



**TOP SELLER**  
Perovskia 'Blue Jean Baby'



Perovskia atriplicifolia

**PEROVSKIA** ●  
**(RUSSIAN SAGE)**  
*Perovskia*

WALTERS GARDENS 

**'PRIME TIME'**   

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

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

**PEROVSKIA** ●     
**(RUSSIAN SAGE)**  
*Perovskia atriplicifolia*

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

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

WALTERS GARDENS



**'BLUE JEAN BABY'**   

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

**TOP SELLER**

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

PEROVSKIA   
(RUSSIAN SAGE)

*Perovskia atriplicifolia*

DARWIN PERENNIALS

'CRAZYBLUE'   



FirstYearFloweringTool.com  
for easy scheduling

**Height:** 28 to 30 in. (71 to 76 cm)

**Bloom Months:** July to September

**USDA Hardiness Zones:** 3a to 9b

PP25,639

**TOP SELLER**

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

Excellent garden performance.



**TOP SELLER**

# PEROVSKIA 'CRAZYBLUE'



# Spring Phlox

## PAGES 100-104



Phlox Candy Cloud  
Lavender  
Page 100



Phlox Candy Cloud  
Dark Pink  
Page 100



Phlox Candy Cloud  
Pink  
Page 100

### PHLOX BLOOM TIMING

Earliest Spring	<i>Phlox subulata</i>
Early Spring	Spring Splash™
Mid Spring	<i>Phlox divaricata</i>
Late Spring	Candy Cloud™



Phlox Spring Splash  
Pink  
Page 101



Phlox Spring Splash  
Violet  
Page 101

PHLOX   
(HYBRID SPRING PHLOX)  
*Phlox hybrida*

DARWIN PERENNIALS  
CANDY CLOUD™ SERIES

**Height:** 14 to 16 in. (36 to 41 cm)  
**Bloom Months:** April to May  
**USDA Hardiness Zones:** 4a to 8b

- Blooms after *Phlox subulata* and before *Salvia nemorosa*, filling the perennial color gap.
- Showstopping color with heavy flower coverage.
- Hits peak retail in late-Spring market.

**Blue** 'Balcloudlue' PPAF

**Dark Pink**

**Lavender** 'Balcloudlav' PPAF

**Pink**



Dark Pink



Blue



Dark Pink



Lavender



Pink



Lavender



Pink

# PHLOX SPRING SPLASH™

PHLOX   
(HYBRID SPRING PHLOX)  
*Phlox hybrida*

DARWIN PERENNIALS  
SPRING SPLASH™ SERIES

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

- Low, mounding habit.
- High-impact color for early-season sales.
- Excellent flower coverage.

**Lilac** 'Balsashac' PP37,133

**Pink** 'Balsashink' PP36,503

**Violet** (pictured left)

'Balsashet' PP36,583

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



Lilac



Lilac



Pink



Phlox 'Blue Moon'



Phlox 'May Breeze'



Phlox 'Violet Pinwheels'



Phlox 'Bedazzled Lavender'

**PHLOX**   
**(WOODLAND PHLOX)**  
*Phlox divaricata*

**'BLUE MOON'**

**Height:** 12 in. (30 cm)  
**Bloom Months:** April to May  
**USDA Hardiness Zones:** 4a to 8b  
 Loads of fragrant, dark blue flowers.

**'MAY BREEZE'**


**Height:** 15 to 18 in. (38 to 46 cm)  
**Bloom Months:** April to May  
**USDA Hardiness Zones:** 4a to 8b  
 Sweetly fragrant, star-shaped flowers and dark green foliage.

**PHLOX**   
**(CREEPING PHLOX)**  
*Phlox hybrid*

**CHICAGOLAND GROWS, INC.**  
**'VIOLET PINWHEELS'**

**Height:** 4 to 6 in. (10 to 15 cm)  
**Bloom Months:** March to May  
**USDA Hardiness Zones:** 4a to 8b  
 PP25,884  
 Plants feature low mounds of soft, dark green, needle-like foliage and vivid purple flowers with notched, upturned petals.

**PHLOX**   
**(HYBRID SPRING PHLOX)**  
*Phlox hybrida*

**WALTERS GARDENS** 

**BEDAZZLED SERIES**

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

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

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

**Pink** 'Bedazzled Pink' PP32,063



Phlox 'Bedazzled Pink'

**PAPARAZZI®**  
**COLLECTION**

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

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

**Angelina** 'PPPHL07301' PP23,702

**Jagger** 'PHL090201' PP26,854

PAPARAZZI is a U.S. registered trademark of Wingen.



Phlox Paparazzi Angelina



Phlox Paparazzi Jagger



Phlox 'Amazing Grace'



Phlox 'Candy Stripe'



Phlox 'Crimson Beauty'



Phlox 'Drummond's Pink'



Phlox 'Emerald Cushion Blue'



Phlox 'Emerald Pink'



Phlox 'Fort Hill'

**PHLOX**   
**(MOSS PHLOX)**  
*Phlox subulata*

**'AMAZING GRACE'**

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

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

**'CANDY STRIPE'**

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

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

**'CRIMSON BEAUTY'**

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

Rosy-red blooms in early Spring.



Phlox 'Purple Beauty'

**'DRUMMOND'S PINK'**

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

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

**'EMERALD BLUE'**

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

Clear lavender-blue flowers in early Spring.

**'EMERALD CUSHION BLUE'**

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

Lavender-blue flowers on a superior mounding habit.

**'EMERALD PINK'**

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

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

**'FORT HILL'**

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

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

**'PURPLE BEAUTY'**

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

Deep purple blooms.



Phlox 'Eye Candy'



Phlox 'Eye Caramba'




Phlox 'Eye Shadow'

**PHLOX**   
**(MOSS PHLOX)**  
*Phlox subulata*

**WALTERS GARDENS**   
**'EYE CANDY'**

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

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

**WALTERS GARDENS**   
**'EYE CARAMBA'**

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

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

**'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.

**WALTERS GARDENS**   
**'EYE SHADOW'**

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

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

**'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'

# Summer Phlox

## PAGES 106-110



Phlox Super Ka-Pow  
Fuchsia  
Page 107



Phlox Fashionably Early  
Crystal  
Page 108



Phlox Ka-Pow  
Lavender  
Page 106

### Phlox Height Comparisons

*Phlox paniculata*

36"

24"

12"



Ka-Pow®  
Series

Super Ka-Pow™  
Series

Fashionably Early  
Series

Garden Girls™  
Collection



Phlox Garden Girls  
'Dream Girl'  
Page 109



Phlox Ka-Pow  
Pink  
Page 106

PHLOX   
(HYBRID PHLOX)  
*Phlox paniculata*

DARWIN PERENNIALS

KA-POW® SERIES  

 [FirstYearFloweringTool.com](http://FirstYearFloweringTool.com)  
for easy scheduling

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

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

**Lavender** 'Balkapolav' PP30,780

**TOP SELLER Pink**  
'Balkapopink' PP30,779

**Purple** 'Balkapopur' PP30,781

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

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

**White Bicolor** 'Balkapowibi' PP30,782



# PHLOX KA-POW®

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



Lavender



White Bicolor



**TOP SELLER**

Pink



Purple



Soft Pink



White

# PHLOX SUPER KA-POW™



Lavender

PHLOX ●  
(HYBRID PHLOX)  
*Phlox paniculata*

DARWIN PERENNIALS

SUPER KA-POW™  
SERIES




 [FirstYearFloweringTool.com](http://FirstYearFloweringTool.com)  
for easy scheduling

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

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

**Coral** 'Balsukaco' PP33,863

**TOP SELLER Fuchsia**  
Bright fuchsia-pink color.  
'Balsukafus' PP33,005

 **Lavender** Vibrant lavender flowers. 'Balsukalav' PP33,022

**Pink** Striking pink blooms.  
'Balsukapin' PP33,188

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

Super-sized for  
more power!



Coral



TOP SELLER

Fuchsia



Lavender



Pink



White

PHLOX ●  
(HYBRID PHLOX)  
*Phlox paniculata*

WALTERS GARDENS



FASHIONABLY  
EARLY SERIES



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

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

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

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

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



TOP SELLER

Crystal (also pictured right)



Flamingo



Princess

# PHLOX FASHIONABLY EARLY



# PHLOX GARDEN GIRLS™

PHLOX ●  
(HYBRID PHLOX)  
*Phlox paniculata*

**GARDEN GIRLS™  
COLLECTION**



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

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

**'Cover Girl'**

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

**'Dream Girl'**

Height: 30 to 36 in. (76 to 91 cm)  
Long blooming with impactful height. Disease-resistant foliage stays nice all season. Reblooms without deadheading. PP36,886

**'Fancy Girl'**

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

**TOP SELLER 'Glamour Girl'**

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

**'Material Girl'**

Height: 36 to 38 in. (91 to 97 cm)  
Rich fuchsia-pink flowers are held high on perfectly formed panicles. Medium green foliage is mildew resistant. PP36,444

**'Party Girl'**

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

**'Uptown Girl'**

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

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



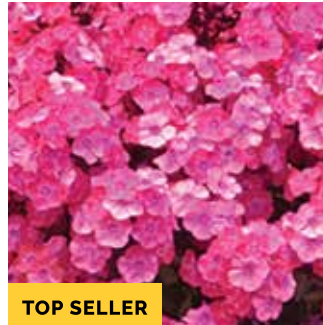
'Dream Girl'



'Cover Girl'



'Fancy Girl'



**TOP SELLER**

'Glamour Girl'



'Material Girl'



'Party Girl'



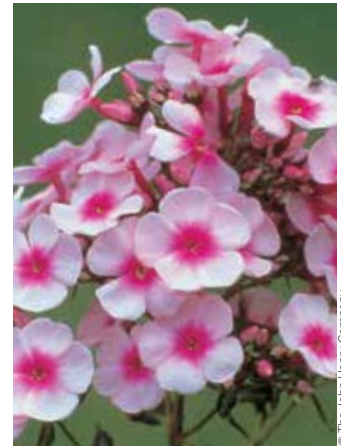
'Uptown Girl'



Phlox 'Baby Doll Pink'



Phlox 'Baby Doll White'



Phlox 'Bright Eyes'

© The John Henry Company



Phlox 'Laura'



Phlox 'Nicky'



Phlox 'Red Riding Hood'



Rudbeckia 'Viette's Little Suzy'

## PHLOX (HYBRID PHLOX)

*Phlox paniculata*

WALTERS GARDENS



### BABY DOLL SERIES

**Height:** 12 to 16 in. (30 to 41 cm)

**Bloom Months:** July to August

**USDA Hardiness Zones:** 4a to 8b

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

**Pink** PP32,025

**White** PP33,487

### '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.

### 'RED RIDING HOOD'

**Height:** 22 in. (56 cm)

**Bloom Months:** July

**USDA Hardiness Zones:** 3a to 8b

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

## RUDBECKIA (BLACK-EYED SUSAN)

*Rudbeckia speciosa*

MUST HAVE PERENNIALS



### 'VIETTE'S LITTLE SUZY'

**Height:** 26 to 32 in. (66 to 81 cm)

**Bloom Months:** July to frost

**USDA Hardiness Zones:** 4a to 8b

Very floriferous habit, with deep yellow blooms on sturdy stems. Lovely mahogany foliage in Fall.

## SAGINA (PEARLWORT)

*Sagina subulata*

### 'AUREA'

**Height:** 2 in. (5 cm)

**Bloom Months:** May to June

**USDA Hardiness Zones:** 4a to 7b

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

### IRISH MOSS

**Height:** 1 to 3 in. (3 to 8 cm)

**Bloom Months:** May to June

**USDA Hardiness Zones:** 4a to 9b

Solid green, tight grower with small, white flowers.



Sagina 'Aurea'



Sagina Irish Moss

# RUDBECKIA SUNTACULAR

RUDBECKIA   
(BLACK EYED SUSAN)  
*Rudbeckia hybrid*

DARWIN PERENNIALS

SUNTACULAR 

 [FirstYearFloweringTool.com](https://www.FirstYearFloweringTool.com)  
for easy scheduling

Available as tissue  
culture-raised liners

**Height:** 30 to 34 in. (76 to 86 cm)

**Bloom Months:** Late June to  
September

**USDA Hardiness Zones:** 5a to 8b  
'NCRH2' PPAF

- Features a tall, columnar habit not seen in other Rudbeckia.
- Stunning bicolor flowers that are hardy to USDA Zone 5.

Stands tall in mixed  
containers and  
landscapes!



POLEMONIUM   
(JACOB'S LADDER)  
*Polemonium pulcherrimum*

DARWIN PERENNIALS  
'GOLDEN FEATHERS'  

Available as tissue  
culture-raised liners

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

**TOP SELLER**

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

Golden, variegated  
foliage brings  
innovation to the shade.



TOP SELLER

# POLEMONIUM 'GOLDEN FEATHERS'

# Salvia

## PAGES 114-123



Salvia 'Rose Marvel'  
Page 114



Salvia Mirage  
Cherry Red  
Pages 122-123



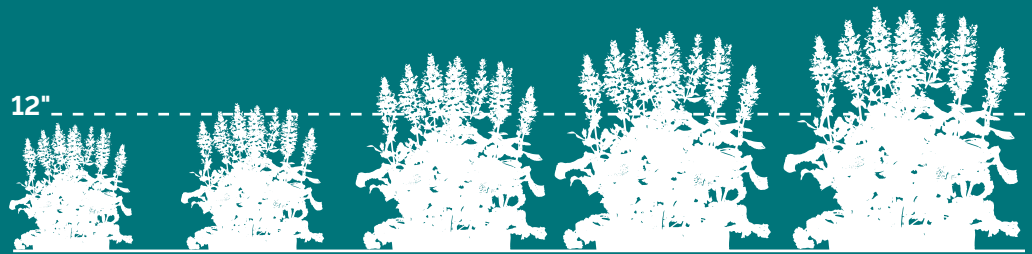
Salvia Lyrical  
Blues  
Page 116

### Salvia Height Comparisons

*Salvia nemorosa*

24"

12"



Marvel  
Collection

Sensation®  
Medlum & Compact  
Series

Fashionista®  
Series

'Blue by You'

Lyrical™  
Series



Salvia 'Radio Red'  
Page 121



Salvia 'Blue By You'  
Page 118

SALVIA   
(SAGE)

*Salvia nemorosa*

DARWIN PERENNIALS

'ROSE  
MARVEL'



 [FirstYearFloweringTool.com](https://www.FirstYearFloweringTool.com)  
for easy scheduling

**Height:** 14 to 16 in. (36 to 41 cm)  
**Bloom Months:** March to September  
**USDA Hardiness Zones:** 4a to 9b  
PP30.118

**TOP SELLER**

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

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



**TOP SELLER**

# SALVIA 'ROSE MARVEL'





Salvia 'Sky Blue Marvel'

**SALVIA** ●  
(SAGE)  
*Salvia nemorosa*

DARWIN PERENNIALS

'SKY BLUE MARVEL' ✂️🌍🌱

 **FirstYearFloweringTool.com**  
for easy scheduling

**Height:** 14 to 16 in. (36 to 41 cm)  
**Bloom Months:** March to September  
**USDA Hardiness Zones:** 4a to 9b  
PP30,658

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

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



Salvia 'Blue Marvel'

DARWIN PERENNIALS


'BLUE MARVEL' ✂️🌍🌱

 **FirstYearFloweringTool.com**  
for easy scheduling

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

- 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.

One of the largest flowers of any *Salvia nemorosa*!

SALVIA   
(SAGE)

*Salvia nemorosa*

DARWIN PERENNIALS

LYRICAL™ SERIES  



FirstYearFloweringTool.com  
for easy scheduling

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

**Bloom Months:** March to September

**USDA Hardiness Zones:** 4a to 9b

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

**Blues** 'Balyriclu' PP22,919

**Rose** 'Balyricose' PP24,274

**White** 'Florsalwhite' PP21,243



Blues (also pictured right)



Rose



White

# SALVIA LYRICAL™





Salvia Sensation Compact Bright Rose



Salvia Sensation Compact Deep Blue



Salvia Sensation Medium Deep Rose

**SALVIA** ●  
(SAGE)

*Salvia nemorosa*

FLORENSIS, B.V.

**Florensis**

**SENSATION®  
COMPACT  
SERIES**



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

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

**Bright Rose** 'Florsalbro' PP26.728

**Deep Blue** 'Florsaldblue' PP21.297

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

FLORENSIS, B.V.

**Florensis**

**SENSATION®  
MEDIUM DEEP  
ROSE**



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

'Florsaldro'

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

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

SALVIA   
(SAGE)

*Salvia hybrida*

DARWIN PERENNIALS

'BLUE BY YOU'   



FirstYearFloweringTool.com  
for easy scheduling

**Height:** 20 to 22 in. (51 to 56 cm)  
**Bloom Months:** March to September  
**USDA Hardiness Zones:** 4b to 9a  
PP31.033

**TOP SELLER**

All-America Selections Winner

- A hybrid between *Salvia nemorosa* and *Salvia pratensis*.
- Displays beautiful bright blue flower spikes, demonstrating proven superior garden performance.
- Blooms up to two weeks earlier than other varieties, for more color at retail and a longer selling season.
- Features excellent branching, Winter hardiness and heat tolerance, for more reliability in landscapes.
- Produces up to 5 repeat blooming cycles throughout Spring and Summer.
- Sterile hybrid for longer shelf life.



**BETTER VERSIONS®**  
by Darwin Perennials

'Blue by You' is better than May Night, thanks to earlier blooming, better habit and the ability to easily reflush up to 5 times.



Scan to see all the  
Better Versions varieties!

**TOP SELLER**

# SALVIA 'BLUE BY YOU'





**TOP SELLER**

Salvia 'Bumbleberry'



Salvia 'Bumbleblue'






Salvia 'Bumblesky'



Salvia 'Bumblesnow'

**SALVIA**   
(SAGE)

*Salvia nemorosa*

**'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.

WALTERS GARDENS 

**'BUMBLEBERRY'**   

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

**TOP SELLER**

Dark fuchsia-pink flowers with dark wine-purple calyces 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. Plus, pollinators swarm to it!

WALTERS GARDENS 

**'BUMBLEBLUE'**   

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

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. Attracts bees and other pollinators in droves!

WALTERS GARDENS 

**'BUMBLESKY'**   

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

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

WALTERS GARDENS 

**'BUMBLESNOW'**   

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




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

**'CARADONNA'**   

**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.

RIJNBEEK & ZN, B.V.

**MARCUS®**   

**Height:** 8 to 12 in. (20 to 30 cm)  
**Bloom Months:** Mid-May to July  
**USDA Hardiness Zones:** 4a to 9b  
'Haeumanarc'

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

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



Salvia Fashionista 'Ballerina Pink'



Salvia Fashionista 'Evening Attire'



Salvia Fashionista 'Midnight Model'



Salvia Fashionista 'Moulin Rouge'



Salvia 'Furman's Red'



Salvia 'Black & Blue'



Salvia 'Santa Barbara'



Salvia 'East Friesland'

**SALVIA** ●  
(SAGE)

*Salvia greggii*

**PLANT SELECT**

**'FURMAN'S RED'** 🌿🚫✂️

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

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

**SALVIA** ●  
(SAGE)

*Salvia guaranitica*

**'BLACK & BLUE'** 🌿🚫✂️

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

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

**SALVIA** ●  
(SAGE)

*Salvia leucantha*

**'SANTA BARBARA'** 🌿🚫✂️

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

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

**SALVIA** ●  
(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** ●  
(SAGE)

*Salvia pratensis*

WALTERS GARDENS

**FASHIONISTA® SERIES** 🌿🚫✂️

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

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

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

**'Evening Attire'** Drought-tolerant, blue variety. PP32,573

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

**'Moulin Rouge'** Rose-pink variety. PP32,387

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



Salvia May Night



Salvia 'Snow Hill'



**TOP SELLER**

Salvia 'Radio Red'

**SALVIA** ●  
(SAGE)

*Salvia greggii*

**DARWIN PERENNIALS**

'**RADIO RED**'



 [FirstYearFloweringTool.com](https://www.FirstYearFloweringTool.com)  
for easy scheduling

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

**TOP SELLER**

Blooms all Summer long – nice in containers.

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



Salvia Arctic Blaze Fuchsia



Salvia Arctic Blaze Purple



Salvia Arctic Blaze Red

**SALVIA** ●  
(SAGE)

*Salvia hybrida*

**DARWIN PERENNIALS**

**ARCTIC BLAZE®**  
SERIES




 [FirstYearFloweringTool.com](https://www.FirstYearFloweringTool.com)  
for easy scheduling

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

Bred for improved hardiness and terrific repeat blooming.

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

 **Fuchsia** 'Novasalfuc' PP28,619

**Purple** 'Novasalpur' PP28,717

**Red** 'Novasalred' PP28,620

SALVIA   
(SAGE)

*Salvia greggii*

DARWIN PERENNIALS

MIRAGE® SERIES   



FirstYearFloweringTool.com  
for easy scheduling

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

**Bloom Months:** March to September

**USDA Hardiness Zones:** 7a to 9b

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

**Blue** Electric, deep-blue color. 'Balmirleu' PP33,036

**Burgundy** 'Balmirbur' PP28,537



**TOP SELLER** Cherry Red  
'Balmircher' PP28,527

**TOP SELLER** Deep Purple

'Balmirdepur' PP28,538

**Hot Pink** 'Balmirhopi'

**Pink** 'Balmirpink'



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

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

**Violet** 'Balmirvio' PP29,724



**White** Crisp, clear white blooms. 'Balmirwite'

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

# SALVIA MIRAGE®



Cherry Red



**TOP SELLER**

Cherry Red (also pictured on page 122)



Blue



Burgundy



Hot Pink



Pink



Rose Bicolor



Salmon



Violet



White



**TOP SELLER**

Deep Purple

SAXIFRAGA   
(ROCKFOIL)

*Saxifraga x arendsii*

FLORENSIS, B.V. 

MARTO™ SERIES

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

**Bloom Months:** March to June

**USDA Hardiness Zones:** 4a to 9b

- Masses of long-lasting flowers from March through June.
- Higher cold tolerance means more forgiveness in early frosts.

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

**Red** Produces red flowers with yellow eyes. 'FLSAX19605'

**Red Picotee** Floriferous pink and white flowers with a yellow eye. 'FLORSAXPRI'

**Rose** Features long-lasting pink flowers. 'FLORSAXROSE1'

**NEW White** Features a long bloom window and displays masses of white flowers. Ideal for early-Spring containers. 'Florsaxwh1'

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



# SAXIFRAGA MARTO™



Hot Rose

Rose



Red



Red Picotee



Rose



White



DarwinPerennials.  
Scabiosa Flutter Deep Blue



DarwinPerennials.  
Scabiosa Flutter Pure White



DarwinPerennials.  
Scabiosa Flutter Rose Pink



Scabiosa 'Butterfly Blue'



Scabiosa 'Pink Mist'

SCABIOSA   
(PINCUSHION FLOWER)  
*Scabiosa columbaria*

DARWIN PERENNIALS

FLUTTER™ SERIES 

 [FirstYearFloweringTool.com](http://FirstYearFloweringTool.com)  
for easy scheduling

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

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** 'Balflutdelu' PP28,043

**Pure White** Stunning, pure-white variety is a unique color for the market. Self-cleaning and long-flowering.



'Balflutturite' PP30,119

**Rose Pink** 'Balfluttropi' PP27,809

'BUTTERFLY BLUE'  

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

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

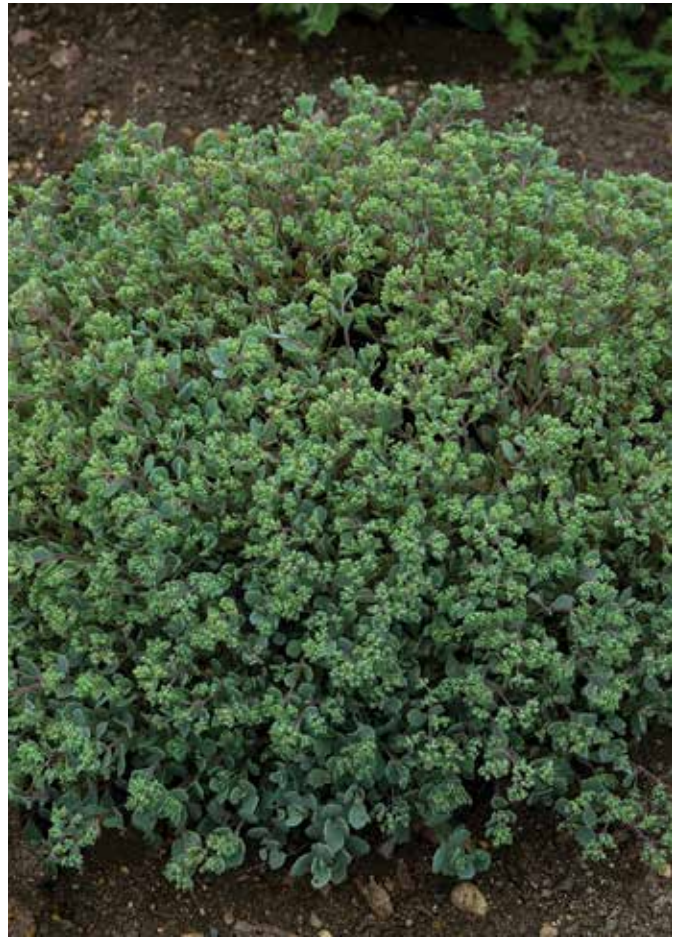
'PINK MIST'  

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

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



Sedum 'After Dark'



Sedum 'Steel the Show'

**SEDUM** ●  
(STONECROP)  
*Sedum*

WALTERS GARDENS



**'AFTER DARK'** ✂

**Height:** 18 to 20 in. (46 to 51 cm)  
**Bloom Months:** August to October  
**USDA Hardiness Zones:** 3a to 9b  
PP35,965

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

WALTERS GARDENS



**'STEEL THE SHOW'** ✂

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

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

**SEDUM** ●  
(STONECROP)  
*Sedum album*

**'CORAL CARPET'**

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

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

**SEDUM** ●  
(STONECROP)  
*Sedum dasphyllum*

**'MAJOR'**

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

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



Sedum 'Coral Carpet'



Sedum 'Major'



Sedum 'Night Light'



**TOP SELLER**

Sedum 'Little Miss Sunshine'

**SEDUM** ●  
(STONECROP)

*Sedum hybrida*

WALTERS GARDENS



**'NIGHT LIGHT'** ✂

**Height:** 22 to 26 in. (56 to 66 cm)

**Bloom Months:** August to September

**USDA Hardiness Zones:** 3a to 9b  
PP34.272

'Night Light' produces deep olive green leaves on dark purple stems that hold clusters of light yellow flowers. Mature flowers have blush tones. Unlike other Sedum that lodge during flowering season, this variety has stocky stems and holds its dome-like shape late in the season.

**SEDUM** ●  
(STONECROP)

*Sedum kamschaticum variegatum*

**'VARIEGATUM'**

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

**Bloom Months:** June to August

**USDA Hardiness Zones:** 4a to 9b

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

**SEDUM** ●  
(STONECROP)

*Sedum kamschaticum*

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

**Bloom Months:** July

**USDA Hardiness Zones:** 4a to 9b

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

WALTERS GARDENS



**'LITTLE MISS SUNSHINE'** ✂

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

**Bloom Months:** July

**USDA Hardiness Zones:** 3a to 9b

PP30.039

**TOP SELLER**

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

**SEDUM** ●  
(STONECROP)

*Sedum makinoi*

**'OGON'**

**Height:** 4 in. (10 cm)

**Bloom Months:** July

**USDA Hardiness Zones:** 7a to 9b

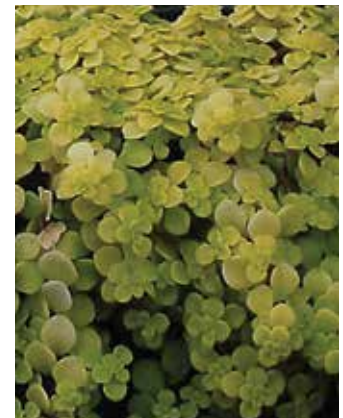
Ground-hugging, tender perennial has chartreuse foliage and dainty, yellow flowers.



Sedum kamschaticum



Sedum 'Variegatum'



Sedum 'Ogon'

SEDUM   
(CHINESE MOUNTAIN  
STONECROP)

*Sedum middendorffianum*

NEW FOR 2027

LEMON SPARKLE 



FirstYearFloweringTool.com  
for easy scheduling

**Height:** 7 to 10 in. (18 to 25 cm)

**Bloom Months:** July to August

**USDA Hardiness Zones:** 5a to 9a

'Balsedlark' PPAF

- Compact, mounded sedum is drought tolerant.
- Thrives in full sun and in a range of soil types.
- Mounds are covered in bright yellow, star-shaped flowers from late Spring until Summer.



NEW

Sedum Lemon Sparkle

SEDUM   
(STONECROP)

*Sedum spurium*

DARWIN PERENNIALS

WHAT A DOOZIE



FirstYearFloweringTool.com  
for easy scheduling

**Height:** 2 to 5 in. (5 to 13 cm)

**Bloom Months:** July to August

**USDA Hardiness Zones:** 5a to 9b

'Spiraling Doozie' PP31.789

Creeping groundcover  
with reliable, green and  
white variegation.

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



DarwinPerennials.

Sedum What A Doozie



Sedum Shamrock

**SEDUM** ●  
(STONECROP)

*Sedum cauticola*

**DARWIN PERENNIALS**

**SHAMROCK**



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

**USDA Hardiness Zones:** 3a to 9b

'FLORSEPURPJOH'

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



Sedum Prima Angelina

**SEDUM** ●  
(STONECROP)

*Sedum rupestre*

**DARWIN PERENNIALS**

**PRIMA ANGELINA**



 **FirstYearFloweringTool.com**  
for easy scheduling

**Height:** 3 to 6 in. (8 to 15 cm)

**Bloom Months:** Non-flowering

**USDA Hardiness Zones:** 4a to 9b

'Gold Form' PP32,414

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

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



Sedum 'Wineberry Delight'



Sedum 'Blue Spruce'



Sedum 'Angelina'



Sedum 'Autumn Fire'



Sedum 'Autumn Joy'

**SEDUM** ●  
(STONECROP)  
*Sedum reflexum*

**'BLUE SPRUCE'**

**Height:** 3 to 6 in. (8 to 15 cm)  
**Bloom Months:** July to August  
**USDA Hardiness Zones:** 4a to 9b

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

**SEDUM** ●  
(STONECROP)  
*Sedum rupestre*

**'ANGELINA'**

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

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

**SEDUM** ●  
(STONECROP)  
*Sedum sieboldii*

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

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

**SEDUM** ●  
(STONECROP)  
*Sedum spectabile*

**'AUTUMN FIRE'** ✂

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

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

**'AUTUMN JOY'** ✂

**Height:** 18 to 24 in. (46 to 61 cm)  
**Bloom Months:** August to September  
**USDA Hardiness Zones:** 3a to 10b

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

WALTERS GARDENS ● 

**'NIGHT EMBERS'** ✂

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

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

WALTERS GARDENS ●   
**NEW FOR 2027**

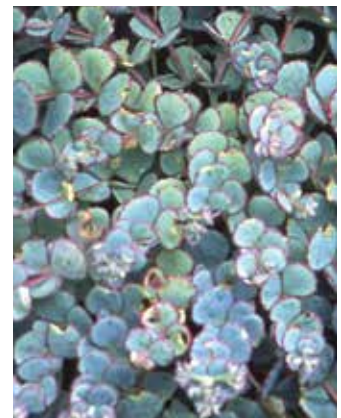
**'WINEBERRY DELIGHT'** ✂

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

- Tall, Autumn stonecrop combines dark, wine-purple foliage with light-colored blooms.
- Rosy pink buds open to light pink flowers.
- Very easy to grow in most climates.
- Thrives in full sun and dry, well-drained soil.



Sedum 'Night Embers'



Sedum sieboldii



Sedum 'Dragons Blood'



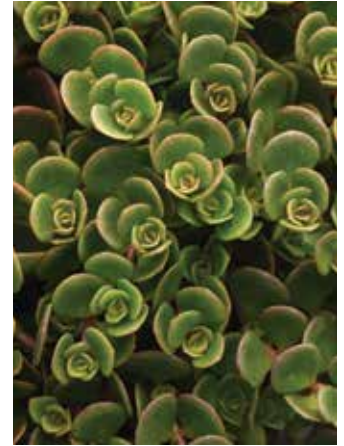
Sedum 'Fuldaglut'



Sedum 'John Creech'



Sedum 'Tricolor'



Sedum 'Coral Reef'



Sedum 'Lemon Ball'

**SEDUM** ●  
(STONECROP)  
*Sedum spurium*

**'DRAGONS BLOOD'**

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

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

**'FULDAGLUT'**

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

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

**'JOHN CREECH'**

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

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



Sedum 'Vera Jameson'

**'TRICOLOR'**

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

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

**SEDUM** ●  
*Sedum tetractinum*

**CORAL REEF**

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

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

**SEDUM** ●  
(STONECROP)  
*Sedum x hybrida*

**'LEMON BALL'**

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

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

**'VERA JAMESON'**

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

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



Sempervivum 'Carmen'



Sempervivum 'Commander Hay'



Sempervivum 'Kalinda'



Sempervivum 'Red Beauty'



Sempervivum 'Royal Ruby'



Sempervivum 'Ruby Heart'



Sempervivum 'Silverine'

## SEMPERVIVUM (HENS & CHICKS)

*Sempervivum*

### 'CARMEN'



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

Emerald green, succulent leaves with bright red tips.

### 'COMMANDER HAY'



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

Clumps of red and green rosettes.

### 'KALINDA'



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

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

### 'RED BEAUTY'



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

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

### 'ROYAL RUBY'



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

Forms dense mats of dark wine-red foliage.

### 'RUBY HEART'



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

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

### 'SILVERINE'



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

Muted green foliage with red overtones.

## SEMPERVIVUM (HENS & CHICKS)

*Sempervivum arachnoideum*

### 'COBWEB'



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

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

## SEMPERVIVUM (HENS & CHICKS)

*Sempervivum tectorum*

### 'SUNSET'



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

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



Sempervivum 'Cobweb'



Sempervivum 'Sunset'

# STACHYS LITTLE LAMB

STACHYS ●  
(LAMB'S EAR)  
*Stachys byzantina*

DARWIN PERENNIALS

LITTLE LAMB 

**Height:** 2 to 5 in. (5 to 13 cm)

**Bloom Months:** June to July

**USDA Hardiness Zones:** 4a to 8b  
'Balstaclamb' PP35,738

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

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





Stachys 'Hummelo'



Solidago Little Lemon



Solidago 'Fireworks'

**SOLIDAGO** ●  
(GOLDENROD)

*Solidago*

PLANTHAVEN INT'L, INC.

**LITTLE LEMON**



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

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

**SOLIDAGO** ●  
(GOLDENROD)

*Solidago rugosa*

**'FIREWORKS'**



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

Golden yellow flowers with wild, multi-branched panicles.

**STACHYS** ●  
(LAMB'S EAR)

*Stachys byzantina*

**'HELENE VON STEIN'**



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

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

**'SILVER CARPET'**



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

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

**STACHYS** ●  
(LAMB'S EAR)

*Stachys monnieri*

**'HUMMELO'**



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

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

**TEUCRIUM** ●  
(GERMANDER)

*Teucrium chamaedrys*

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

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



Stachys 'Helene Von Stein'



Stachys 'Silver Carpet'



DarwinPerennials.

Verbena 'Homestead Hot Pink'



Verbena 'Homestead Purple'



Verbena 'Lollipop'

VERBENA   
(ROSE VERVAIN)  
*Verbena canadensis*

DARWIN PERENNIALS

'HOMESTEAD HOT PINK' 

 [FirstYearFloweringTool.com](http://FirstYearFloweringTool.com)  
for easy scheduling

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

Hardy Verbena with a profusion of brightly colored flowers.

- Like its namesake 'Homestead Purple,' this variety produces a carpet of color.
- Hot pink blooms work wonderfully as a groundcover.
- Mildew resistant, too.

'HOMESTEAD PURPLE' 

**Height:** 6 to 10 in. (15 to 25 cm)  
**Bloom Months:** May to frost  
**USDA Hardiness Zones:** 6a to 9b

Small, deep purple flowers on vigorous, mounded plants.

VERBENA   
(VERVAIN)  
*Verbena bonariensis*

MUST HAVE PERENNIALS



'LOLLIPOP' 

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

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

VERONICA   
(LONG-LEAF SPEEDWELL)  
*Veronica hybrid*

DARWIN PERENNIALS

SKYWARD™  
SERIES 

 [FirstYearFloweringTool.com](http://FirstYearFloweringTool.com)  
for easy scheduling


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

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

 **TOP SELLER Blue**  
'Balskywlue' PP34,922

 **Light Pink** Loads of spiky, pink blooms on sturdy stems with a dense, upright habit make a striking display in gardens and patio pots.  
'Balskywipi' PPAF

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

 **Pink** 'Balskywink' PP34,890



Lilac

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



**TOP SELLER**

Blue



Light Pink



Lilac



Pink

# VERONICA MOODY BLUES®

VERONICA ●  
(SPIKE SPEEDWELL)  
*Veronica hybrida*

DARWIN PERENNIALS

MOODY BLUES®  
SERIES



FirstYearFloweringTool.com  
for easy scheduling

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

- Excellent 2.5-qt. and 1-gal. production with great uniformity and habit.
- Continues to cycle and bloom all season until first frost.
- Compact, tidy habit is great for any garden or mixed container.

**TOP SELLER** Dark Blue

'Balmoodluim' PP35,734

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

**Mauve** 'Balmoomau' PP31,833

**Pink** 'Novaverpin' PP25,748

**Sky Blue** 'Novaversky' PP27,835

**TOP SELLER**

Dark Blue

Compact series of  
first-year-flowering  
Veronica.



Dark Pink



Mauve



Pink



Sky Blue



Veronica 'Purpleicious'



Veronica 'Venice Blue'



Veronica 'Purple Leia'



Veronica 'Blue Skywalker'

TOP SELLER



Veronica 'Perfectly Picasso'



Veronica 'Royal Rembrandt'



Veronica 'Very Van Gogh'

VERONICA (SPEEDWELL)  
*Veronica austriaca*

FLORENSIS, B.V. Florensis  
**'VENICE BLUE'**

**Height:** 10 to 12 in. (25 to 30 cm)  
**Bloom Months:** March to April  
**USDA Hardiness Zones:** 4a to 9b  
'Florverblue' PP27,555

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

VERONICA (SPIKE SPEEDWELL)  
*Veronica hybrida*

WALTERS GARDENS  
**'PURPLE LEIA'**

**Height:** 28 to 30 in. (71 to 76 cm)  
**Bloom Months:** July to August  
**USDA Hardiness Zones:** 4a to 8b  
PP34,278

'Purple Leia' joins popular companions 'Blue Skywalker' and 'Lavender Lightsaber,' with rosy purple flowers covering the top half of the upright, columnar habit. This Veronica adds height to the middle of the border.

VERONICA (SPEEDWELL)  
*Veronica x hybrida*

DARWIN PERENNIALS  
**'PURPLEICIOUS'**

**Height:** 16 to 20 in. (41 to 51 cm)  
**Bloom Months:** June to August  
**USDA Hardiness Zones:** 5a to 8b

Well-branched plants have a strong, tidy habit.

- Long-blooming variety with intense purple flowers and dark green foliage.
- Very healthy, disease-free cultivar.

VERONICA (SPEEDWELL)  
*Veronica longifolia*

WALTERS GARDENS  
**'BLUE SKYWALKER'**

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

TOP SELLER

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.

WALTERS GARDENS  
**'PERFECTLY PICASSO'**

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

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

WALTERS GARDENS  
**'ROYAL REMBRANDT'**

**Height:** 18 to 20 in. (46 to 51 cm)  
**Bloom Months:** July  
**USDA Hardiness Zones:** 4a to 9b  
PP29,377

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

WALTERS GARDENS  
**'VERY VAN GOGH'**

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



**NEW**  
Veronica 'Jedi Gem'



Veronica First Glory



Veronica First Lady



Veronica 'Georgia Blue'

**VERONICA** ●  
**(SPIKE SPEEDWELL)**  
*Veronica spicata*

WALTERS GARDENS



**NEW FOR 2027**

**'JEDI GEM'** ●

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

- Tall with long stems of light pink flowers.
- Self-cleaning flower spikes reduce deadheading.

**VERONICA** ●  
**(SPEEDWELL)**  
*Veronica longifolia*

FLORIUS PLANTS BV

**FIRST GLORY** ●

**Height:** 16 to 22 in. (41 to 56 cm)  
**Bloom Months:** June to July  
**USDA Hardiness Zones:** 4a to 8b  
'Allord' PP23,294

Compact, highly uniform plants with short, thick spikes of deep blue flowers; vernalization not required.

FLORIUS PLANTS BV

**FIRST LADY** ●

**Height:** 16 to 22 in. (41 to 56 cm)  
**Bloom Months:** June to July  
**USDA Hardiness Zones:** 4a to 8b  
'Alllady' PP23,271

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

**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.



Veronica 'Lavender Lightsaber'




Veronica 'Sunshine'



Veronica Royal Candles

**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.



WALTERS GARDENS 

**'LAVENDER LIGHTSABER'**   

**Height:** 28 to 30 in. (71 to 76 cm)  
**Bloom Months:** July  
**USDA Hardiness Zones:** 4a to 9b




PP32,359

A tall, columnar-shaped habit holds soft lavender flowers.

**'RED FOX'**   

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

Produces rose-red spikes in Summer.

**ROYAL CANDLES**   

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

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

**VINCA**    
(MYRTLE)  
*Vinca minor*

**'BOWLES CUNNINGHAM'** 

**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'** 

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

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



Vinca 'Bowles Cunningham'



Vinca 'Illumination'



Viola Celestial Northern Lights



Viola Celestial Twilight



Viola 'Etain'

VIOLA   
(VIOLET)

*Viola cornuta*

PLANTHAVEN INT'L, INC.

**CELESTIAL™ SERIES** 

**Height:** 5 to 6 in. (13 to 15 cm)

**Bloom Months:** February to October


**USDA Hardiness Zones:** 5a to 10b

Ever-blooming, early-Spring perennial in bright, rich colors. Oversummers and overwinters; heat-tolerant, highly scented varieties bloom all Summer. No vernalization required.

**Northern Lights** 'SMEV4' PP24,591

**Twilight** 'SMEV3' PP24,592

CELESTIAL is a U.S. trademark of PlantHaven, Inc.

**'ETAİN'** 

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

**Bloom Months:** February to October

**USDA Hardiness Zones:** 5a to 10b

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

VIOLA   
(VIOLET)  
*Viola cornuta*

DARWIN PERENNIALS

HALO SERIES 

 [FirstYearFloweringTool.com](http://FirstYearFloweringTool.com)  
for easy scheduling

- Height:** 8 to 10 in. (20 to 25 cm)  
**Bloom Months:** February to October  
**USDA Hardiness Zones:** 4b to 9b
- Very heat tolerant.
  - Oversummers and overwinters.
  - Larger flowers than Celestial.

**Golden Yellow** PP30,900  
**Lemon Frost** Extra-large, two-toned flowers captivate customers for early sales. PP26,383  
**Lilac** PP24,542  
**Sky Blue** PP24,541  
**TOP SELLER Violet** PP24,428



# VIOLA HALO

Excellent hardiness  
for long-lasting  
garden enjoyment.



Golden Yellow

Lemon Frost, Sky Blue and Violet



Lemon Frost



Lilac



Sky Blue



**TOP SELLER**  
Violet

# DARWIN PERENNIALS ESSENTIAL CULTURE GUIDE

## UPON RECEIPT

Unrooted perennials should be stuck as quickly as possible. Tender cuttings, such as *Artemisia*, *Agastache*, *Lavandula*, *Perovskia* and *Salvia*, should be immediate priority. Cuttings that cannot be stuck immediately should be maintained in a cooler at 40 to 45°F (4 to 7°C). Refer to the Propagation Guide for crop-specific suggestions. Generally speaking, herbaceous perennials benefit from a basal stem dip of IBA rooting hormone to speed up the rooting process. Be careful with misting levels. Perennials suffer from receiving too much mist more often than from too little mist.

Callused perennials have already begun the rooting process, arriving with less water loss than standard URCs. They *should not* be placed in the standard Day 1 mist area. Instead, they should begin at approximately 30-50% of the standard mist program, roughly the same amount of mist that standard cuttings would receive around Day 7 under mist. If using high humidity or tents at this stage, that is where callused cuttings should go. It is not necessary to use rooting hormones on callused cuttings, as they have already been treated at the farm. It is recommended to continue your standard protocols for using Pageant Intrinsic fungicide in propagation.

Rooted perennials should be unpacked and inspected for active root growth. It is often preferable to place recently received perennial liners on a bench or the ground for a few days to help them overcome transport stress. This is particularly important for liners that have been shipped in boxes. Water on arrival and look for new root activity prior to transplant, if possible.

## AT TRANSPLANT

Well-rooted and toned perennial liners are able to withstand transplant stress very well. Critical to success, provide newly transplanted perennials with immediate irrigation. Watering at the end of the transplant line rather than after you've filled a bed greatly improves the 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 fertilizer (CRF) is preferable. Incorporate CRF into the media prior to planting based on manufacturer's recommendations, or top-dress after planting.

## SPACING

Spring-planted perennials should be spaced to finished spacing after transplant. This allows better growing conditions and helps to avoid overcrowding and stretch. The added airflow will help reduce foliar diseases and allow for better insect control.

Fall-planted perennials can be spaced at transplant in temperate climates or placed pot-tight in climates where temperatures cause containers to freeze. In either case, proper spacing for the anticipated finished size of the plant will dramatically improve plant quality and reduce labor.

## INSECTS AND DISEASES

Incoming perennial liners or cuttings should be inspected for pests and diseases. Apply appropriate treatments as needed.

After transplant, regular scouting and careful observation is critical to maintaining a healthy crop. The practice of integrated pest management (IPM) will reduce losses and pesticide costs by identifying and correcting problems before they escalate. If a pesticide treatment is necessary, please refer to the manufacturer's label regarding proper usage. It is always a good practice to test new varieties for phytotoxicity when making pesticide applications.

## VERNALIZATION AND BULKING

A number of perennial species require a period of cold temperature exposure to flower. The length of time varies from just a few weeks below 50°F (10°C) to as much as 10 weeks below 40°F (4°C). Generally speaking, early Spring-flowering perennials like *Phlox subulata*, *Iberis* and *Alyssum* require a cold period to flower. Many perennials, such as *Salvia nemorosa*, *Monarda* and *Phlox paniculata* do not require vernalization to flower, but do benefit from a cold, short day bulking period. In these cases Summer or Fall planting increases root and crown mass and the corresponding flowering shoots on the plants. It has also been shown to hasten flowering in many species by up to 4 weeks.

## OVERWINTERING

The keys to success when overwintering perennials are:

- Avoid standing water
- Provide adequate air circulation
- Use preventative disease treatments
- Remove dead leaf/tissue
- Utilize rodent control
- Reduce media EC when entering dormancy
- Avoid freeze-and-thaw cycles

The overwintering area, whether in a field or hoop house, should be sloped so that rain or other water sources cannot accumulate. In climates where Winter conditions freeze and thaw, cover prior to freeze and uncover as soon as possible. Where temperatures remain below freezing, cover after first freeze and maintain the cover until late Winter or early Spring when weather moderates. Remove dead and abscising leaves from herbaceous perennials like *Hosta*, *Monarda*, *Heliopsis* and dormant *Hemerocallis*. Apply a broad-spectrum fungicide prior to covering or closing hoop houses to reduce disease pressure.

Once weather conditions moderate, be sure to scout for insect and disease problems, and respond accordingly. Also, check pH and EC levels in the media. Perennials that emerge from dormancy will begin to grow rapidly, and the lack of adequate nutrition will lead to reduced branching, lower leaf loss and smaller flowers.

# DARWIN PERENNIALS PROPAGATION GUIDE

PAGE	CROP	SERIES/VARIETY	MEDIA EC/PH	SOIL TEMPERATURE	ROOTING HORMONE	MIST
20	<b>ACHILLEA</b> <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	Low to moderate
18	<b>ACHILLEA</b> <i>Achillea millefolium</i>	New Vintage™ Series	EC 1.0-1.25 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	Low to moderate
22-23	<b>AGASTACHE</b> <i>Agastache mexicana</i>	Summerlong™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low to moderate
23	<b>AGASTACHE</b> <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	Low to moderate
26	<b>ALYSSUM</b> <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	Low
27	<b>ARMERIA</b> <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	Low
26	<b>ARTEMISIA</b> <i>Artemisia gmelinii</i>	SunFern™ Olympia	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low to moderate
29	<b>BRUNNERA</b> <i>Brunnera macrophylla</i>	Frost King, Frost Magic, 'Frostbite', Frostline, Permafrost	EC 0.75-0.80 mmhos/pH 5.8-6.2	68-72°F (21-22°C)	None	Low mist or tenting
30	<b>BUDDLEIA</b> <i>Buddleia hybrid</i>	Chrysalis™ Series	EC 0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low to moderate
33	<b>CARYOPTERIS</b> <i>Caryopteris x clandonensis</i>	'Emerald Crest', 'Gold Crest', Grand Bleu®	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000-3,000 ppm IBA	Low to moderate
34	<b>CENTAUREA</b> <i>Centaurea ragusina</i>	Silver Swirl	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low to moderate
35-37	<b>COREOPSIS</b> <i>Coreopsis hybrida</i>	'Golden Stardust', 'Super Star', Sunfetti Series, UpTick™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	Moderate
37	<b>COREOPSIS</b> <i>Coreopsis verticillata</i>	Crème Caramel	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	Low
38	<b>DELOSPERMA</b> <i>Delosperma hybrida</i>	Ocean Sunset™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Very low
40	<b>DELPHINIUM</b> <i>Delphinium x hybrida</i>	'Red Lark'	5.8-6.2	68-72°F (21-22°C)	None	Low mist or tenting
42	<b>DIANTHUS</b> <i>Dianthus hybrida</i>	Mountain Frost™ Pink Carpet, Pink PomPom, Pink Twinkle, Red Garnet, Rose Bouquet, Ruby Glitter, Ruby Snow, Silver Strike, White Twinkle	EC 0.80 mmhos/pH 5.8-6.2	68-70°F (20-21°C)	500 ppm IBA	Very low
41	<b>DIGITALIS</b> <i>Digitalis hybrida</i>	Arctic Fox™ Series	EC 0.75-0.80 mmhos/pH 6.0-6.4	70-72°F (21-22°C)	1,000 ppm IBA basal dip	Low to moderate
47	<b>ECHINACEA</b> <i>Echinacea x hybrida</i>	Double Scoop™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	72-78°F (21-24°C)	None	Low; prefers high humidity to mist
46	<b>ECHINACEA</b> <i>Echinacea x hybrida</i>	Sombrero Poco™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	72-78°F (21-24°C)	None	Low; prefers high humidity to mist
44-45	<b>ECHINACEA</b> <i>Echinacea x hybrida</i>	Sombrero® Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	72-78°F (21-24°C)	None	Low; prefers high humidity to mist
48	<b>ERYSIMUM</b> <i>Erysimum cultivars</i>	Brightside™ Series	EC 0.80 mmhos/pH 5.8-6.2	68-70°F (20-21°C)	500 ppm IBA	Low
49	<b>ERYSIMUM</b> <i>Erysimum linifolium</i>	'Bowles Me Away'	EC 0.80 mmhos/pH 5.8-6.2	68-70°F (20-21°C)	500 ppm IBA	Low
49	<b>EUPATORIUM</b> <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	High for first few days, then reduce to moderate.
49	<b>EUPATORIUM</b> <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	Low to moderate
52	<b>GAILLARDIA</b> <i>Gaillardia aristata</i>	Guapa Series	EC 0.75-0.80 mmhos/pH 6.0-6.4	70-72°F (21-22°C)	1,000 ppm IBA basal dip	Low to moderate
50-51	<b>GAURA</b> <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	Low to moderate
51	<b>GAURA</b> <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	Low to moderate
52	<b>GERANIUM</b> <i>Geranium sanguineum</i>	Purple Glow	EC 0.75-0.80 mmhos/pH 6.2-6.4	70-72°F (21-22°C)	None	Prefers high humidity or tenting



FERTILIZATION	PINCHING	TRANSPLANTING	COMMENTS
50-75 ppm N	Pinch to remove flower buds.	35-42 days after sticking	Mist enough to rehydrate cuttings. Do not over-mist beyond Day 2 or 3. Do not stick cuttings too deep. Tall leaves can be trimmed, if necessary.
50-75 ppm N	Not necessary; remove premature flowers.	28-35 days after sticking	Do not over-mist.
50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	28-35 days after sticking	Stick cuttings the day of arrival, if possible.
50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	28-35 days after sticking	Stick cuttings the day of arrival, if possible.
50-75 ppm N	Recommended. Soft pinch. Lower nodes may become inactive.	35-42 days after sticking	This Alyssum requires light mist and soil moisture. Can be rooted under a dome or tent. Do not over-mist.
100 ppm N starting at Day 7	Not necessary.	42-45 days after sticking	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.
50-75 ppm N starting day 7	Pinch once, prior to transplant.	35-42 days after sticking	Mist enough to rehydrate cuttings. Do not over-mist beyond Day 2 or 3. Arcadia is particularly sensitive to over-misting in propagation.
Balanced fertilizer 75-100 ppm	None	7-8 weeks	This is a tissue culture raised item. Please see our detailed tissue culture propagation guide at <a href="https://www.darwinperennials.com">darwinperennials.com</a> . This item is generally a Summer propagated item. Excessive heat can cause losses.
50-75 ppm N starting at Day 7	Remove buds/flowers in propagation.	42-49 days after sticking	Buddleia Chrysalis series is very free flowering. Budding in cuttings does not affect rooting. Watch media moisture levels. Excessive moisture will delay rooting.
50-75 ppm N	Pinch once in the liner stage.	35-42 days after sticking	Discontinue mist as quickly as possible once rooting occurs.
50-75 ppm N starting day 7	Pinch once, prior to transplant.	35-42 days after sticking	Mist enough to rehydrate cuttings. Do not over-mist beyond Day 2 or 3. Saturated media will delay rooting. Remove from mist before completely rooted and dry media slightly to encourage rooting and better uniformity.
50-75 ppm N	Pinch once in the liner stage.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
50-75 ppm N	Pinch once in the liner stage and once after transplant for best results.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
50 ppm N starting at Day 7	Pinch once, prior to transplant.	35-42 days after sticking	Mist enough to rehydrate cuttings. Do not over-mist beyond Day 2 or 3. Do not oversaturate media.
Balanced fertilizer 75-100 ppm	None	42-49 days	This is a tissue culture raised item. Please see our detailed tissue culture propagation guide at <a href="https://www.darwinperennials.com">darwinperennials.com</a> .
50 ppm N starting at Day 7	Pinch to remove any flower buds.	42-49 days after sticking	Dianthus require very low mist settings to root. Over-misting will result in slow rooting and high losses in propagation.
50-75 ppm N	Not typical in propagation.	42-49 days after sticking	Digitalis root slowly, with first roots showing 15 to 18 days after stick. However, it is best to discontinue mist prior to visible root, as they root more quickly when not over-misted and when media is allowed to dry slightly between waterings.
50 ppm N starting at Day 7	Not necessary.	49-56 days after sticking	Refer to our complete Tissue Culture Echinacea guide at <a href="https://www.darwinperennials.com">darwinperennials.com</a> for detailed rooting information. Configure in liner stage can be beneficial.
50 ppm N starting at Day 7	Not necessary.	49-56 days after sticking	Refer to our complete Tissue Culture Echinacea guide at <a href="https://www.darwinperennials.com">darwinperennials.com</a> for detailed rooting information.
50 ppm N starting at Day 7	Not necessary.	49-56 days after sticking	Please refer to our complete Tissue Culture Echinacea guide at <a href="https://www.darwinperennials.com">darwinperennials.com</a> for detailed rooting information.
Begin feeding 50-75 ppm 10 days after sticking	Pinch 21-25 days after sticking.	42-49 days after sticking	Don't oversaturate media. Low mist levels work best.
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.
50-100 ppm N	Recommended.	42-49 days after sticking	
50 ppm N starting at Day 7	Yes, pinch once in propagation around Day 21.	42-49 days after sticking	Eupatorium are quite easy to root. Use a basal hormone tip to ensure rooting uniformity.
50-75 ppm N	Pinch to remove flower buds 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.
75-100 ppm N when roots become visible; increase to 150-200 ppm N as roots develop	Yes, 7 days before transplanting.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
50-75 ppm N when roots become visible	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
50-75 ppm N	Pinch once in the liner stage.	42-49 days after sticking	Do not oversaturate rooting media. Stabilized media may be beneficial. This is a tissue culture raised item. Please see our detailed tissue culture propagation guide at <a href="https://www.darwinperennials.com">darwinperennials.com</a> . Should be Fall planted for best Spring flowering. Excessive heat can cause losses.

# DARWIN PERENNIALS PROPAGATION GUIDE

PAGE	CROP	SERIES/VARIETY	MEDIA EC/PH	SOIL TEMPERATURE	ROOTING HORMONE	MIST	
57	<b>HELENIUM</b> <i>Helonium 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	Moderate	
56	<b>HELIANTHEMUM</b> <i>Helianthemum nummularium</i>	SunBurst™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low; prefers high humidity rather than mist.	
57	<b>HELIANTHUS</b> <i>Helianthus salicifolius</i>	'Autumn Gold'	EC 0.80 mmhos/pH 5.8-6.2	70-74°F (21-23°C)	500 ppm IBA	Low	
57	<b>HELIOPSIS</b> <i>Heliopsis helianthoides</i>	Summer Eclipse	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	Moderate to high for first 24 hours, then reduce to low	
57	<b>HELIOPSIS</b> <i>Heliopsis helianthoides</i>	'Sunstruck'	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	Low	
66	<b>HEUCHERA</b> <i>Heuchera hybrid</i>	Everglow Midnight	EC 0.80-1.0 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	Low to moderate	
65	<b>HEUCHERA</b> <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	Low to moderate	
66	<b>HEUCHERA</b> <i>Heuchera x villosa</i>	Big Top Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-74°F (21-23°C)	None	Low; prefers high humidity rather than mist.	
67	<b>IBERIS</b> <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	Low to moderate	
68	<b>IBERIS</b> <i>Iberis sempervirens</i>	'Snowsation'	EC 0.80 mmhos/pH 5.8-6.2	68-72°F (20-22°C)	300 ppm IBA	Low to moderate	
70	<b>KNIPHOFIA</b> <i>Kniphofia uvaria</i>	Glowstick	EC 1.2-1.5 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	Low	
72	<b>LAVANDULA</b> <i>Lavandula angustifolia</i>	'Annet'	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low; prefers high humidity rather than mist.	
72	<b>LAVANDULA</b> <i>Lavandula angustifolia</i>	SuperBlue	EC 0.75-0.80 mmhos/pH 5.9-6.2	70-72°F (21-22°C)	500 ppm IBA	Low; prefers high humidity rather than mist.	
77	<b>LAVANDULA</b> <i>Lavandula pedunculata</i>	Lavender Frost™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low; prefers high humidity rather than mist.	
74	<b>LAVANDULA</b> <i>Lavandula stoechas</i>	Anouk Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low; prefers high humidity rather than mist.	
76	<b>LAVANDULA</b> <i>Lavandula stoechas</i>	Primavera	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low; prefers high humidity rather than mist.	
75	<b>LAVANDULA</b> <i>Lavandula stoechas</i>	Butterfly Garden™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low; prefers high humidity rather than mist.	
78	<b>LEUCANTHEMUM</b> <i>Leucanthemum superbum</i>	Make My Daisy™ Series	EC 0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low to moderate	
79	<b>LEUCANTHEMUM</b> <i>Leucanthemum x superbum</i>	'Whitecap'	EC 0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low to moderate	
81	<b>LYSIMACHIA</b> <i>Lysimachia alfredii</i>	'Night Light'	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Moderate to high for first 24 hours, then reduce to low.	
83	<b>MONARDA</b> <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	Moderate	
84	<b>MONARDA</b> <i>Monarda didyma</i>	BeeMine™ Series	EC 1.0-1.25 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Moderate	
90	<b>NEPETA</b> <i>Nepeta subsessilis</i>	Prelude™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-1,000 ppm IBA	Moderate	
89	<b>NEPETA</b> <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	Moderate	
87	<b>NEPETA</b> <i>Nepeta x faassenii</i>	Whispurr™ Series	EC 0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low to moderate	
91	<b>OENOTHERA</b> <i>Oenothera missouriensis</i>	'Evening Sun'	EC 1.2-1.5 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	Low to moderate	
93	<b>PENSTEMON</b> <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	Moderate to high for first 24 hours, then reduce to low.	



FERTILIZATION	PINCHING	TRANSPLANTING	COMMENTS
50-75 ppm N	Pinch once in the liner stage.	42-49 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
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.
Feed at 100 ppm N after 9 days	Pinch once shoots elongate for best branching.	35-42 days after sticking	Typically remove from propagation area after two weeks. Don't keep rooting media excessively wet. Use long-day lighting when propagating when day length is less than 12 hours.
50 ppm N starting at Day 7	Recommended after roots are established. Leave 4-5 active internodes.	42-49 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation. Long day obligate plant. Must provide long days in propagation.
50-75 ppm N when roots become visible	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation. Long day obligate plant. Must provide long days in propagation.
50-75 ppm N after 14 days	Not necessary.	8-10 weeks after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C).
50-75 ppm N after 14 days	Not necessary.	8-10 weeks after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C).
50 ppm N starting at Day 7	Not necessary.	56-63 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Review our Heuchera Tissue Culture guide at <a href="https://www.darwinperennials.com/Culture/ProductionGuides">darwinperennials.com/Culture/ProductionGuides</a> .
50-75 ppm N when roots become visible	Recommended after roots are established. Leave active internodes.	28-35 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation. Cuttings typically arrive with flowers already induced due to cool night temperatures in Colombia. Non-induced cuttings require 6 weeks of night temperatures below 55°F (13°C) to flower.
100 ppm N starting at Day 10	Yes, pinch after 4 weeks. Can be double pinched in the liner stage for even greater branching.	42-49 days after sticking	Iberis benefit from a basal IBA dip prior to sticking. Do not over-mist or high losses can occur.
50 ppm N when roots become visible	Not necessary.	12 weeks after sticking	May be transplanted sooner than 12 weeks, but bulking in the liner is more efficient than in the finished container.
50-75 ppm N	Recommended.	42-56 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
50-75 ppm N	Recommended.	42-56 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
50 ppm N starting at Day 7	Recommended after roots are established. Leave 4-5 active internodes.	42-56 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	42-56 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
50 ppm N starting at Day 7	Recommended after roots are established. Leave 4-5 active internodes. 2 pinches in liner is good. Can pinch a third time for higher flower count.	42-56 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	42-56 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.
50 ppm N starting at Day 7	Pinch 21 days after sticking.	35-42 days after sticking	For fastest, most reliable rooting, do not oversaturate rooting media.
50 ppm N starting at Day 7	Pinch 21 days after sticking.	35-42 days after sticking	For fastest, most reliable rooting, do not oversaturate rooting media.
50 ppm N starting at Day 7	One or two pinches prior to transplant.	42-49 days after sticking	Lysimachia should root quickly. Watch for oversaturated media.
50-75 ppm N	Recommended.	28-35 days after sticking	Do not oversaturate rooting media. Use long-day lighting when day length is less than 12 hours to keep plants actively growing.
50-75 ppm N	Pinch once, prior to transplant.	35-42 days after sticking	Do not oversaturate rooting media. Use long-day lighting when day length is less than 12 hours to keep plants actively growing.
50-75 ppm N	Recommended.	35-42 days after sticking	Roots quickly. Plan to pinch in liner tray.
50-75 ppm N	Recommended.	35-42 days after sticking	Roots quickly. Plan to pinch in liner tray.
50-75 ppm N	Yes, pinch 14-18 days after stick.	35-42 days after sticking	Nepeta root easily. Over-misting causes slow rooting and leaf spot diseases.
50 ppm N when roots become visible	Benefits from one pinch prior to transplant.	42-45 days after sticking	Don't oversaturate the media. Remove from mist once root initials are visible.
50-75 ppm N	Recommended.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C).

# DARWIN PERENNIALS PROPAGATION GUIDE

PAGE	CROP	SERIES/VARIETY	MEDIA EC/PH	SOIL TEMPERATURE	ROOTING HORMONE	MIST
94-96	<b>PENSTEMON</b> <i>Penstemon hybrida</i>	'Cherry Sparks', MissionBells™ Series, Mountain Treats™ Series, Summit Sweets™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Moderate to high for first 24 hours, then reduce to low.
98	<b>PEROVSKIA</b> <i>Perovskia atriplicifolia</i>	'CrazyBlue'	EC 1.0-1.25 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000-1,500 ppm IBA	Moderate to high for first 24 hours, then reduce to low.
100	<b>PHLOX</b> <i>Phlox hybrida</i>	Candy Cloud™ Series	EC 0.80 mmhos/pH 5.8-6.2	68-74°F (20-23°C)	500 ppm IBA	Low to moderate
101	<b>PHLOX</b> <i>Phlox hybrida</i>	Spring Splash™ Series	EC 0.80 mmhos/pH 5.8-6.2	68-74°F (20-23°C)	500 ppm IBA	Low to moderate
106	<b>PHLOX</b> <i>Phlox paniculata</i>	Ka-Pow® Series	EC 0.80 mmhos/pH 5.8-6.2	68-74°F (20-23°C)	500 ppm IBA	Low to moderate
107	<b>PHLOX</b> <i>Phlox paniculata</i>	Super Ka-Pow™ Series	EC 0.80 mmhos/pH 5.8-6.2	68-74°F (20-23°C)	500 ppm IBA	Low to moderate
112	<b>POLEMONIUM</b> <i>Polemonium pulcherrimum</i>	'Golden Feathers'	EC 0.75-0.80 mmhos/pH 5.8-6.2	68-72°F (21-22°C)	None	Low mist or tenting
111	<b>RUDBECKIA</b> <i>Rudbeckia hybrid</i>	Suntacular	EC 0.75-0.80 mmhos/pH 6.0-6.4	70-74°F (21-23°C)	None	Very low mist. Prefers high humidity only.
122-123	<b>SALVIA</b> <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	Moderate
121	<b>SALVIA</b> <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	Moderate
121	<b>SALVIA</b> <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	Moderate
118	<b>SALVIA</b> <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	Low
116	<b>SALVIA</b> <i>Salvia nemorosa</i>	Lyrical™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	Low
114-115	<b>SALVIA</b> <i>Salvia nemorosa</i>	Marvel Series	EC 0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA basal dip	Low
63	<b>SALVIA</b> <i>Salvia officinalis</i>	Silver Scent	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	1,000 ppm IBA	Low
124	<b>SAXIFRAGA</b> <i>Saxifraga x arendsii</i>	Marto™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500-100 ppm IBA basal dip	Low mist setting
125	<b>SCABIOSA</b> <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	Low to moderate
129	<b>SEDUM</b> <i>Sedum caudicola</i>	Shamrock	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Very low
128	<b>SEDUM</b> <i>Sedum middendorffianum</i>	Lemon Sparkle	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low
129	<b>SEDUM</b> <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	Very low
128	<b>SEDUM</b> <i>Sedum spurium</i>	What a Doozie	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Very low
133	<b>STACHYS</b> <i>Stachys byzantina</i>	Little Lamb	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Low to moderate
135	<b>VERBENA</b> <i>Verbena canadensis</i>	'Homestead Hot Pink'	EC 0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	None	Low to moderate
138	<b>VERONICA</b> <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	Moderate
136	<b>VERONICA</b> <i>Veronica hybrid</i>	Skyward™ Series	EC 0.75-0.80 mmhos/pH 5.8-6.2	70-72°F (21-22°C)	500 ppm IBA	Moderate
137	<b>VERONICA</b> <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	Moderate
138	<b>VERONICA</b> <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	Moderate
142	<b>VIOLA</b> <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	Moderate for first 24-48 hours, then reduce to low.



FERTILIZATION	PINCHING	TRANSPLANTING	COMMENTS
50-75 ppm N	Recommended.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C).
50-75 ppm N after 10 days	Recommended.	35-42 days after sticking	Do not oversaturate rooting media. Allow media to dry moderately starting 10 days after sticking to encourage root development.
75-100 ppm N starting at Day 7	Yes, while young plants are soft and actively growing. Allow at least two leaf internodes at each pinch.	42-49 days after sticking	Plants grow more actively under long days. Use 13-hour extended day lighting for Winter propagation.
75-100 ppm N starting at Day 7	Yes, while young plants are soft and actively growing. Allow at least two leaf internodes at each pinch.	42-49 days after sticking	Plants grow more actively under long days. Use 13-hour extended day lighting for Winter propagation.
75-100 ppm N starting at Day 7	Yes, while young plants are soft and actively growing. Allow at least two leaf internodes at each pinch.	42-49 days after sticking	Plants grow more actively under long days. Use 13-hour extended day lighting for Winter propagation.
75-100 ppm N starting at Day 7	Yes, while young plants are soft and actively growing. Allow two internodes at each pinch.	42-49 days after sticking	Plants grow more actively under long days. Use 13-hour extended day lighting for Winter propagation.
Balanced fertilizer 50-75 ppm once rooted to the bottom	None	7-8 weeks after sticking	This is a tissue culture raised item. Please see our detailed tissue culture propagation guide at <a href="https://www.darwinperennials.com">darwinperennials.com</a> .
50-75 ppm N starting day 7	None	35-42 days after sticking	Please refer to our tissue culture propagation guide at <a href="https://www.darwinperennials.com">darwinperennials.com</a> for detailed rooting information. Configure application in liner can be beneficial.
50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C).
50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Begin fertilizing 7 days after stick.
50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Roots quickly. Plan to pinch in liner tray.
50-75 ppm N at Day 7	A soft pinch will increase branching.	35-42 days after sticking	Discontinue mist as quickly as possible and only mist to avoid leaf wilt. Begin feeding 7 days after sticking with 50-75 ppm N.
50-75 ppm N at Day 7	A soft pinch will increase branching.	35-42 days after sticking	Discontinue mist as quickly as possible and only mist to avoid leaf wilt. Begin feeding 7 days after sticking with 50-75 ppm N.
50-75 ppm N at Day 7	A soft pinch will increase branching.	35-42 days after sticking	Over-misting and saturated propagation media will dramatically delay rooting and increase rooting losses. Discontinue mist as quickly as possible and only mist to avoid leaf wilt.
50-75 ppm N only after rooted	A soft pinch will increase branching.	35-42 days after sticking	Discontinue mist as quickly as possible and only mist to avoid leaf wilt. Begin feeding 7 days after sticking with 50-75 ppm N.
50-75 ppm N only after rooted	None.	49-56 days after sticking	Do not saturate growing media. Excessive mist will cause losses. Callused cuttings are beneficial. Refer to callused cutting culture guides.
75-100 ppm N starting at Day 10	Typically not necessary. Remove premature flower buds as they appear.	42-49 days after sticking	Scabiosa cuttings are sensitive to over-misting and over-watering in propagation.
50-75 ppm N	Typically not necessary in propagation.	35-42 days after sticking	Do not over-mist. Oversaturated rooting media will slow the rooting process and contribute to stem rot. Remove from mist environment as soon as roots appear.
50 ppm N when roots become visible	Typically not necessary in propagation.	35-42 days after sticking	Do not over-mist. Oversaturated rooting media will slow the rooting process and contribute to stem rot. Remove from mist environment before or as soon as roots appear.
50-75 ppm N	Typically not necessary in propagation.	35-42 days after sticking	Do not over-mist. Oversaturated rooting media will slow the rooting process and contribute to stem rot. Remove from mist environment as soon as roots appear.
50-75 ppm N	Typically not necessary in propagation.	35-42 days after sticking	Do not over-mist. Oversaturated rooting media will slow the rooting process and contribute to stem rot. Remove from mist environment as soon as roots appear.
50-75 ppm N starting day 7	Pinch once, prior to transplant.	35-42 days after sticking	Mist enough to rehydrate cuttings. Do not over-mist beyond Day 2 or 3.
50-75 ppm N starting Day 7	Yes, one to two times in propagation.	35-42 days after sticking	Do not oversaturate rooting media.
50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Roots quickly. Plan to pinch in liner tray.
50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Roots quickly. Plan to pinch in liner tray. Too wet will delay rooting.
50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Roots quickly. Plan to pinch in liner tray.
50-75 ppm N	Recommended after roots are established. Leave 4-5 active internodes.	35-42 days after sticking	Roots quickly. Plan to pinch in liner tray.
50-75 ppm N at Day 7	Soft pinch recommended 25-28 days after sticking.	35-42 days after sticking	Excessive media moisture will slow rooting. Begin fertilizing at Day 7 with 75 ppm N.

# DARWIN PERENNIALS FINISHING GUIDE

PAGE	CROP	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT- CANDLES	WATERING	FERTILIZATION
20	<b>ACHILLEA</b> <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.
18	<b>ACHILLEA</b> <i>Achillea millefolium</i>	New Vintage™ Series	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
22-23	<b>AGASTACHE</b> <i>Agastache mexicana</i>	Summerlong™ Series	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	Long day facultative	No	3,000 to 5,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
23	<b>AGASTACHE</b> <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.
26	<b>ALYSSUM</b> <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.
27	<b>ARMERIA</b> <i>Armeria pseudarmeria</i>	Dreameria® Series	5.8-6.2	Nights: 55°F (13°C) Days: 68°F (20°C)	Day length neutral	Beneficial	3,000 to 5,000	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
26	<b>ARTEMISIA</b> <i>Artemisia gmelinii</i>	SunFern™ Olympia	5.8-6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
29	<b>BRUNNERA</b> <i>Brunnera macrophylla</i>	Frost King	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	Day length neutral	Yes, required for flowering; however, plants sell as foliage.	1,500 to 2,500	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.
29	<b>BRUNNERA</b> <i>Brunnera macrophylla</i>	Frost Magic	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	Day length neutral	Yes, required for flowering; however, plants sell as foliage.	1,500 to 2,500	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.
29	<b>BRUNNERA</b> <i>Brunnera macrophylla</i>	'Frostbite'	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	Day length neutral	Yes, required for flowering; however, plants sell as foliage.	1,500 to 2,500	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.
29	<b>BRUNNERA</b> <i>Brunnera macrophylla</i>	Frostline	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	Day length neutral	Yes, required for flowering; however, plants sell as foliage.	1,500 to 2,500	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.
29	<b>BRUNNERA</b> <i>Brunnera macrophylla</i>	Permafrost	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	Day length neutral	Yes, required for flowering; however, plants sell as foliage.	1,500 to 2,500	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.
30	<b>BUDDLEIA</b> <i>Buddleia hybrid</i>	Chrysalis™ Series	5.8-6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)	Long day facultative	No	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
33	<b>CARYOPTERIS</b> <i>Caryopteris x clandonensis</i>	'Emerald Crest'	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
33	<b>CARYOPTERIS</b> <i>Caryopteris x clandonensis</i>	'Gold Crest'	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
33	<b>CARYOPTERIS</b> <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.
34	<b>CENTAUREA</b> <i>Centaurea ragusina</i>	Silver Swirl	5.8-6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)		No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
37	<b>COREOPSIS</b> <i>Coreopsis hybrida</i>	'Golden Stardust'	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
35-36	<b>COREOPSIS</b> <i>Coreopsis hybrida</i>	Sunfetti Series, UpTick™ Series	5.8-6.2	Nights: 55 to 65°F (13 to 17°C) Days: 60 to 80°F (15 to 27°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.

	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
	Typically not required	PGRs generally not needed	Aphids on the buds	Rooted: 6 wks	Rooted: 6-8 wks	Not recommended	10-12 in. (25-30 cm)	4-9	April to September
	Typically not required	PGRs generally not needed	Pythium and rhizoctonia can result from overwatering.	Unrooted: 13-15 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	26-28 in. (66-71 cm)	4-9	April to September
	Recommended	PGRs generally not needed	Thrips, white fly	Not recommended	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	16-22 in. (41-56 cm)	7-10	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
	No	PGRs generally not needed	Watch for crown rot if overwatered.	Liner: 10-12 wks	Liner: 14-16 wks	Liner: 16-18 wks	10-12 in. (25-30 cm)	5-9	March to October
	Typically not required	Daminozide/chlormequat chloride	Not particularly sensitive. Use well-drained media.	Not recommended	Rooted: 6-8 wks	10-12 wks	16-18 in. (41-46 cm)	4-9	Non-flowering
	None	PGRs generally not needed	Pythium and rhizoctonia can result from overwatering.	Not recommended	10-12 wks	12-14 wks	14-16 in. (36-41 cm)	4-9	April to May
	None	PGRs generally not needed	Pythium and rhizoctonia can result from overwatering.	Not recommended	10-12 wks	12-14 wks	12-15 in. (30-38 cm)	4-9	April to May
	None	PGRs generally not needed	Pythium and rhizoctonia can result from overwatering.	Not recommended	10-12 wks	12-14 wks	6-9 in. (15-23 cm)	4-9	April to May
	None	PGRs generally not needed	Pythium and rhizoctonia can result from overwatering.	Not recommended	10-12 wks	12-14 wks	10-12 in. (25-30 cm)	4-9	April to May
	None	PGRs generally not needed	Pythium and rhizoctonia can result from overwatering.	Not recommended	10-12 wks	12-14 wks	12-15 in. (30-38 cm)	4-9	April to May
	Typically not required	PGRs generally not needed	Not particularly sensitive. Use well-drained media.	Not recommended	8-10 wks	10-12 wks	20-28 in. (51-71 cm)	5-9	March to October
	One pinch, two to three weeks after transplant	PGRs generally not needed	Thrips, spider mites	Not recommended	Rooted: 12-14 wks	Rooted: 14 wks	28-36 in. (71-91 cm)	6-9	August to October
	One pinch, two to three weeks after transplant.	PGRs generally not needed	Thrips, spider mites	Not recommended	Rooted: 12-14 wks	Rooted: 14 wks	28-36 in. (71-91 cm)	6-9	August to October
	No	PGRs generally not needed	Spider mites	Not recommended	Rooted: 12-14 wks	Rooted: 14 wks	48 in. (122 cm)	6-9	August to October
	Typically not required		Thrips and pythium can be issues. Use well-drained media.	Not recommended	Rooted: 6-8 wks	10-12 wks	8-11 in. (20-28 cm)	6-9	June to July
	Yes	Daminozide/chlormequat chloride combination at 3,750-5,000 ppm, daminozide/chlormequat chloride 500 ppm before flowering. Uniconazole-P spray can be used after flowering if needed.	Spider mites, thrips	Rooted: 7-8 wks	Rooted: 10-12 wks	Rooted: 12-14 wks	12-14 in. (30-36 cm)	5-9	March to November
	No	Daminozide/chlormequat chloride combination at 3,750-5,000 ppm, daminozide/chlormequat chloride 500 ppm before flowering. Uniconazole-P spray can be used after flowering if needed.	Spider mites, thrips	Not recommended	Rooted: 10-12 wks	Rooted: 12-14 wks	12-14 in. (30-36 cm)	5-9	March to November

# DARWIN PERENNIALS FINISHING GUIDE

PAGE	CROP	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT- CANDLES	WATERING	FERTILIZATION
37	<b>COREOPSIS</b> <i>Coreopsis hybrida</i>	'Super Star'	5.8-6.2	Nights: 55 to 65°F (13 to 17°C) Days: 60 to 80°F (15 to 27°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
37	<b>COREOPSIS</b> <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.
38	<b>DELOSPERMA</b> <i>Delosperma hybrida</i>	Ocean Sunset™ Series	5.8-6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)	Day length neutral	No	5,000 to 8,000	Low to moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
40	<b>DELPHINIUM</b> <i>Delphinium x hybrida</i>	'Red Lark'	5.8-6.2	Nights: 55 to 60°F (13 to 16°C) Days: 60 to 70°F (16 to 21°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
42	<b>DIANTHUS</b> <i>Dianthus hybrida</i>	Mountain Frost™ Pink Carpet, Pink PomPom, Pink Twinkle, Red Garnet, Ruby Glitter, Ruby Snow	5.8-6.2	45 to 60°F (7 to 16°C)	Day length neutral	Beneficial for an increased quantity of Spring blooms.	3,000 to 5,000	Low to moderate	Use a balanced fertilizer at a rate of 125 to 150 ppm N.
42	<b>DIANTHUS</b> <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.
42	<b>DIANTHUS</b> <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.
42	<b>DIANTHUS</b> <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.
41	<b>DIGITALIS</b> <i>Digitalis hybrida</i>	Arctic Fox™ Series	5.8-6.2	Nights: 55 to 60°F (13 to 16°C) Days: 60 to 65°F (16 to 18°C)	Long day facultative	No	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
47	<b>ECHINACEA</b> <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.
46	<b>ECHINACEA</b> <i>Echinacea x hybrida</i>	Sombrero Poco™ Series	5.8-6.2	60 to 68°F (16 to 20°C)	Long day obligate	No	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
44-45	<b>ECHINACEA</b> <i>Echinacea x hybrida</i>	Sombrero® Series	5.8-6.2	60 to 68°F (16 to 20°C)	Long day obligate	No	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
48	<b>ERYSIMUM</b> <i>Erysimum cultivars</i>	Brightside™ Series	5.8-6.2	50 to 60°F (10 to 16°C)	Day length neutral	Yes	3,000 to 5,000	Low to moderate	150 to 175 ppm N.
49	<b>ERYSIMUM</b> <i>Erysimum linifolium</i>	'Bowles Me Away'	5.8-6.2	50 to 60°F (10 to 16°C)	Day length neutral	Yes	3,000 to 5,000	Low to moderate	150 to 175 ppm N.
49	<b>EUPATORIUM</b> <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.
49	<b>EUPATORIUM</b> <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.
52	<b>GAILLARDIA</b> <i>Gaillardia aristata</i>	Guapa Series	5.8-6.2	Nights: 55 to 60°F (13 to 16°C) Days: 60 to 65°F (16 to 18°C)		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.

	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	Daminozide/chlormequat chloride combination at 3,750-5,000 ppm, daminozide/chlormequat chloride 500 ppm before flowering. Uniconazole-P spray can be used after flowering if needed.	Spider mites, thrips	Not recommended	Rooted: 10-12 wks	Rooted: 12-14 wks	14-16 in. (36-41 cm)	5-9	March to November
	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
	Typically not required	PGRs generally not needed	Aphids on the buds	Rooted: 6 wks	9-11 wks	Not recommended	4-6 in. (10-15 cm)	5-9	March to October
	None	PGRs generally not needed	Watch for typical pests, such as thrips, white fly, spider mites and aphids.	Not recommended	Winter: 12-16 wks; Summer: 10-12 wks	Winter: 12-16 wks; Summer: 10-12 wks	24-28 in. (61-71 cm)	5-8	April to July
	No	PGRs generally not needed	Thrips, 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)	4-9	March to October
	No	PGRs generally not needed	Thrips, carnation mottle virus	18-20 wks, including 6 wks below 50°F (10°C)	18-20 wks, including 6 wks below 50°F (10°C)	Not recommended	10-12 in. (25-30 cm)	4-9	March to October
	No	PGRs generally not needed	Thrips, carnation mottle virus	18-20 wks, including 6 wks below 50°F (10°C)	18-20 wks, including 6 wks below 50°F (10°C)	Not recommended	8-10 in. (20-25 cm)	4-9	March to October
	No	PGRs generally not needed	Thrips, carnation mottle virus	18-20 wks, including 6 wks below 50°F (10°C)	18-20 wks, including 6 wks below 50°F (10°C)	Not recommended	5-6 in. (13-15 cm)	4-9	March to October
	Recommended for more flowers per plant. Not required.	PGRs generally not needed	Aphids, white fly, spider mites	Not recommended	Rooted: 12-14 wks	Rooted: 14 wks	18-24 in. (46-61 cm)	5-9	April to September; Natural season flowering
	No	Daminozide/chlormequat chloride combination at 3,750-5,000 ppm, daminozide/500 ppm chlormequat chloride before flowering. Uniconazole-P spray can be used after flowering if needed. Do not use benzyladenine in finished containers.	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	22-24 in. (56-61 cm)	4-9	June to August
	Only to remove premature flower buds.	PGRs generally not needed.	Not particularly sensitive. Use well-drained media.	Not recommended	10-12 wks	Not recommended	14-16 in. (36-41 cm)	4-9	June to August
	Only to remove premature flower buds.	Not recommended. 300 ppm benzyladenine 2 weeks after transplant when greenhouse grown will reduce overall plant height.	Not particularly sensitive. Use well-drained media.	Not recommended	10-12 wks	Liner: 16-18 wks	18-20 in. (46-51 cm)	4-9	June to August
	Yes, a second pinch is often beneficial.	Uniconazole-P 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	February to April
	Yes, a second pinch is often beneficial.	Uniconazole-P 5-10 ppm spray	Watch for bacterial infections.	6-8 wks	10-12 wks	12-14 wks	18-24 in. (46-61 cm)	6-8	March to September
	Recommended	Uniconazole-P 30-60 ppm spray	None noted	Not recommended	Rooted: 20 wks	Rooted: 20 wks	36-48 in. (91-122 cm)	3-9	July to September
	One pinch, two to three weeks after transplant.	PGRs generally not needed	Aphids, white fly, spider mites	Not recommended	Unrooted: 15-17 wks Rooted: 10-12 wks Natural flowering in early July	Unrooted: 15-17 wks Rooted: 10-12 wks Natural flowering early July	24-32 in. (61-81 cm)	4-9	July to October
	Pinch at transplant	Daminozide 3750 ppm/chlormequat chloride 500 ppm as necessary before color. Uniconazole-P 5-10 ppm after coloring.	Aphids, thrips, downy mildew, powdery mildew	Not recommended	Rooted: 8-10 wks	Rooted: 10-12 wks	15-17 in. (38-43 cm)	5-9	June to October

# DARWIN PERENNIALS FINISHING GUIDE

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50-51	<b>GAURA</b> <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.
51	<b>GAURA</b> <i>Gaura lindheimeri</i>	'Little Janie'	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 55 to 60°F (13 to 16°C)	Day length neutral	No	3,000 to 5,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
51	<b>GAURA</b> <i>Gaura lindheimeri</i>	'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.
52	<b>GERANIUM</b> <i>Geranium sanguineum</i>	Purple Glow	6.2-6.4	Nights: 55 to 65°F (13 to 17°C) Days: 60 to 80°F (15 to 27°C)	Day length neutral	Yes, beneficial for flowering	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
53	<b>GRASS</b> <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
53	<b>GRASS</b> <i>Miscanthus sinensis</i>	High Frequency	5.8-6.2	60 to 68°F (16 to 20°C)	Short day obligate	No	5,000 to 8,000	Low to moderate	Use a balanced fertilizer at a rate of 100 to 125 ppm.
53	<b>GRASS</b> <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
54	<b>GRASS</b> <i>Panicum virgatum</i>	Dream Catcher® Lightning Bolt®	5.5-5.7	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 70°F (18 to 21°C)	Day length neutral	Yes	5,000 to 8,000	Allow media to slightly dry down between watering	Use a balanced fertilizer at a rate of 75 to 125 ppm.
54	<b>GRASS</b> <i>Panicum virgatum</i>	Dream Catcher® Smoky Rose®	5.5-5.7	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 70°F (18 to 21°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 75 to 125 ppm.
55	<b>GRASS</b> <i>Panicum virgatum</i>	Dream Catcher® Tumbleweed®	5.5-5.7	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 70°F (18 to 21°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 75 to 125 ppm.
55	<b>GRASS</b> <i>Schizachyrium scoparium</i>	Free Spirit® Blue Arrow®, Free Spirit® Comet®	5.5-5.7	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 70°F (18 to 21°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 75 to 125 ppm.
55	<b>GRASS</b> <i>Schizachyrium scoparium</i>	Free Spirit® Mystic Purple™	5.5-5.7	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 70°F (18 to 21°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 75 to 125 ppm.
57	<b>HELENIUM</b> <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.
56	<b>HELIANTHEMUM</b> <i>Helianthemum nummularium</i>	SunBurst™ Series	5.8-6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)	Day length neutral	Yes	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.
57	<b>HELIANTHUS</b> <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.
57	<b>HELIOPSIS</b> <i>Heliopsis helianthoides</i>	Summer Eclipse	5.8-6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)	Long day obligate	No	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
57	<b>HELIOPSIS</b> <i>Heliopsis helianthoides</i>	'Sunstruck'	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Long day obligate	Beneficial; aids in bulking.	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm.
58-59	<b>HEMEROCALLIS</b> <i>Hemerocallis hybrida</i>	DayScape™ Berries and Cream	5.8-6.2	45 to 80°F (7 to 27°C)	Long day facultative	No	5,000 to 8,000	Moderate	Maintain EC of 1.0-1.2
58-59	<b>HEMEROCALLIS</b> <i>Hemerocallis hybrida</i>	DayScape™ Coral Blaze	5.8-6.2	45 to 80°F (7 to 27°C)	Long day facultative	No	5,000 to 8,000	Moderate	Maintain EC of 1.0-1.2
58-59	<b>HEMEROCALLIS</b> <i>Hemerocallis hybrida</i>	DayScape™ Coral Frill	5.8-6.2	45 to 80°F (7 to 27°C)	Long day facultative	No	5,000 to 8,000	Moderate	Maintain EC of 1.0-1.2
58-59	<b>HEMEROCALLIS</b> <i>Hemerocallis hybrida</i>	DayScape™ Golden Blaze	5.8-6.2	45 to 80°F (7 to 27°C)	Long day facultative	No	5,000 to 8,000	Moderate	Maintain EC of 1.0-1.2
58-59	<b>HEMEROCALLIS</b> <i>Hemerocallis hybrida</i>	DayScape™ Golden Yellow	5.8-6.2	45 to 80°F (7 to 27°C)	Long day facultative	No	5,000 to 8,000	Moderate	Maintain EC of 1.0-1.2

	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, 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	16-18 in. (41-46 cm)	6-9	April to September
	Recommended	PGRs generally not needed	Spider mites, aphids	Unrooted: 12-14 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	14-16 in. (36-41 cm)	6-9	April to September
	No	Generally not needed. Daminozide/chlormequat chloride combination at 3,750-5,000 ppm, daminozide/chlormequat chloride 500 ppm before flowering. Uniconazole-P spray can be used after flowering if needed.	Spider mites, thrips, botrytis, bacterial spotting	Not recommended	Rooted: 10-12 wks	Rooted: 12-14 wks	10-12 in. (25-30 cm)	3-8	March to November
	No	None	Rust resistant	8-10 wks	14-16 wks	20-24 wks, 1 ppp	30-36 in. (76-91 cm)	5-9	October to November
	No	PGRs generally not needed	Watch for crown rot if overwatered.	Not recommended	Not recommended	Liner: 16-18 wks	80-86 in. (203-218 cm)	5-9	September to October
	No	None	Rust resistant	Not recommended	16-18 wks	24-26 wks, 1 ppp	72-102 in. (183-259 cm)	5-9	October to November
	No	PGRs generally not needed	if overwatered Phythium and rhizoctonia can appear	Not recommended		#1 BR division: 12 to 14 weeks in 2-gal; 16 to 18 weeks in 3-gal	66-78 in. (168-198 cm)	4-8	August to October
	No	PGRs generally not needed	if overwatered Phythium and rhizoctonia can appear	Not recommended		#1 BR division: 12 to 14 weeks in 2-gal; 16 to 18 weeks in 3-gal	36-42 in. (91-107 cm)	4-8	August to October
	No	PGRs generally not needed	if overwatered Phythium and rhizoctonia can appear	Not recommended		#1 BR division: 12 to 14 weeks in 2-gal; 16 to 18 weeks in 3-gal	36-38 in. (91-97 cm)	4-8	August to October
	No	PGRs generally not needed	if overwatered Phythium and rhizoctonia can appear	Not recommended		#1 BR division: 12 to 14 weeks in 2-gal; 16 to 18 weeks in 3-gal	36-42 in. (91-107 cm)	4-8	August to October
	No	PGRs generally not needed	if overwatered Phythium and rhizoctonia can appear	Not recommended		#1 BR division: 12 to 14 weeks in 2-gal; 16 to 18 weeks in 3-gal	24-30 in. (61-76 cm)	4-8	August to October
	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
	Recommended	PGRs generally not needed	Botrytis 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	8-12 in. (20-30 cm)	5-8	April to June
	Typically not necessary if plants were pinched in the liner.	PGRs generally not needed	Very pest and disease resistant.	Not recommended	12-14 wks. Plant Week 22-26	12-14 wks. Plant Week 22-26	24-26 in. (61-66 cm)	5-10	September to November
	Yes, in cases where there are two or less shoots.	Daminozide/chlormequat chloride sprays 2,500/1,000 ppm	Not particularly sensitive. Use well-drained media.	Not recommended	9-11 wks	10-12 wks	24-30 in. (61-76 cm)	4-9	June to September
	Recommended	PGRs generally not needed	Pythium and rhizoctonia can result from overwatering. Thrips, white fly, aphids.	Unrooted: 14-16 wks Rooted: 8-10 wks	Unrooted: 16-19 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	14-16 in. (36-41 cm)	4-9	June to August
	No	No	Not sensitive	Not recommended	8-10 weeks from bare root in Spring	8-10 weeks from bare root in Spring	38-40 in. (97-102 cm)	5-9	March to October
	No	No	Not sensitive	Not recommended	8-10 weeks from bare root in Spring	8-10 weeks from bare root in Spring	14-16 in. (36-41 cm)	5-9	March to October
	No	No	Not sensitive	Not recommended	8-10 weeks from bare root in Spring	8-10 weeks from bare root in Spring	14-20 in. (36-51 cm)	5-9	March to October
	No	No	Not sensitive	Not recommended	8-10 weeks from bare root in Spring	8-10 weeks from bare root in Spring	25-28 in. (64-71 cm)	5-9	March to October
	No	No	Not sensitive	Not recommended	8-10 weeks from bare root in Spring	8-10 weeks from bare root in Spring	29-32 in. (74-81 cm)	5-9	March to October

# DARWIN PERENNIALS FINISHING GUIDE

PAGE	CROP	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT- CANDLES	WATERING	FERTILIZATION
58-59	<b>HEMEROCALLIS</b> <i>Heemerocallis hybrida</i>	DayScape™ Lemon Meringue	5.8-6.2	45 to 80°F (7 to 27°C)	Long day facultative	No	5,000 to 8,000	Moderate	Maintain EC of 1.0-1.2
58-59	<b>HEMEROCALLIS</b> <i>Heemerocallis hybrida</i>	DayScape™ Peach Flame	5.8-6.2	45 to 80°F (7 to 27°C)	Long day facultative	No	5,000 to 8,000	Moderate	Maintain EC of 1.0-1.2
58-59	<b>HEMEROCALLIS</b> <i>Heemerocallis hybrida</i>	DayScape™ Scarlet Burst	5.8-6.2	45 to 80°F (7 to 27°C)	Long day facultative	No	5,000 to 8,000	Moderate	Maintain EC of 1.0-1.2
58-59	<b>HEMEROCALLIS</b> <i>Heemerocallis hybrida</i>	DayScape™ Scarlet Ribbon	5.8-6.2	45 to 80°F (7 to 27°C)	Long day facultative	No	5,000 to 8,000	Moderate	Maintain EC of 1.0-1.2
66	<b>HEUCHERA</b> <i>Heuchera hybrida</i>	Everglow Series	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	Day length neutral	No	1,500 to 2,500	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.
65	<b>HEUCHERA</b> <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.
66	<b>HEUCHERA</b> <i>Heuchera x villosa</i>	Big Top Series	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Day length neutral	No	1,500 to 2,500	Moderate	Use a balanced fertilizer at a rate of 125 to 150 ppm N.
67	<b>IBERIS</b> <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.
68	<b>IBERIS</b> <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.
70	<b>KNIPHOFIA</b> <i>Kniphofia uvaria</i>	Glowstick	5.8-6.2	68 to 72°F (20 to 22°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry slightly between watering. Overwatering will result in slow bulk.	Use a balanced fertilizer at a rate of 150 to 175 ppm N. Generally a heavier feeder.
72	<b>LAVANDULA</b> <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.
72	<b>LAVANDULA</b> <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.
77	<b>LAVANDULA</b> <i>Lavandula pedunculata</i>	Lavender Frost™ Series	5.8-6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)		Beneficial for earlier flowering and more blooms.	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.
74	<b>LAVANDULA</b> <i>Lavandula stoechas</i>	Anouk Series	5.8-6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)	Day length neutral	Beneficial for earlier flowering and more blooms.	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.
76	<b>LAVANDULA</b> <i>Lavandula stoechas</i>	Primavera	5.8-6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.
75	<b>LAVANDULA</b> <i>Lavandula stoechas</i>	Butterfly Garden™ Series	5.8-6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)	Day length neutral	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.
78	<b>LEUCANTHEMUM</b> <i>Leucanthemum superbum</i>	Make My Daisy™ Series	5.8-6.2	Nights: 55°F (13°C) Days: 68°F (20°C)	Long day facultative	No	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
79	<b>LEUCANTHEMUM</b> <i>Leucanthemum x superbum</i>	'Whitecap'	5.8-6.2	Nights: 55°F (13°C) Days: 68°F (20°C)	Long day facultative	No	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
81	<b>LYSIMACHIA</b> <i>Lysimachia alfredii</i>	'Night Light'	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Day length neutral	No	1,500 to 2,500	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.

	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	No	Not sensitive	Not recommended	8-10 weeks from bare root in Spring	8-10 weeks from bare root in Spring	16-18 in. (41-46 cm)	5-9	March to October
	No	No	Not sensitive	Not recommended	8-10 weeks from bare root in Spring	8-10 weeks from bare root in Spring	26-32 in. (66-81 cm)	5-9	March to October
	No	No	Not sensitive	Not recommended	8-10 weeks from bare root in Spring	8-10 weeks from bare root in Spring	28-31 in. (71-79 cm)	5-9	March to October
	No	No	Not sensitive	Not recommended	8-10 weeks from bare root in Spring	8-10 weeks from bare root in Spring	28-30 in. (71-76 cm)	5-9	March to October
	No	PGRs generally not needed	Pythium and rhizoctonia can result from overwatering.	6-8 wks	10-12 wks	12-14 wks	10-12 in. (25-30 cm)	4-9	April to May
	No	PGRs generally not needed	Pythium and rhizoctonia can result from overwatering.	6-8 wks	10-12 wks	12-14 wks	10-12 in. (25-30 cm)	4-9	April to May
	No	PGRs generally not needed	Watch for crown rot if overwatered.	Not recommended	Rooted: 6-8 wks	10-12 wks	16-18 in. (41-46 cm)	4-9	April to May
	Recommended	PGRs generally not needed	May experience root rot diseases under poor growing conditions. Aphids.	Unrooted: 10-14 wks Rooted: 8-10 wks	Unrooted: 16-18 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	10-12 in. (25-30 cm)	6-9	May to October
	Only if pinching not done in the liner stage.	PGRs generally not needed	Not particularly sensitive.	24 wks; requires vernalization	24 wks; requires vernalization	Not recommended	6-8 in. (15-20 cm)	4-9	February to April
	None	PGRs not needed	Pythium can result from overwatering. Aphids can also be a problem.	Not recommended	12-14 wks for Summer to Fall flowering	14-16 wks for Summer to Fall flowering	26-29 in. (66-74 cm)	6-9	July to November
	Once for smaller pot sizes, twice for larger containers.	PGRs generally not needed	Thielaviopsis, pythium and rhizoctonia can result from overwatering. Thrips, white fly, aphids, fungus gnats.	Unrooted: 14-16 wks Rooted: 7-8 wks	Unrooted: 16-19 wks Rooted: 9-11 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	16-18 in. (41-46 cm)	4-9	April to September
	Once for smaller pot sizes, twice for larger containers.	PGRs generally not needed	Thielaviopsis, pythium and rhizoctonia can result from overwatering. Thrips, white fly, aphids, fungus gnats.	Unrooted: 14-16 wks Rooted: 7-8 wks	Unrooted: 16-19 wks Rooted: 9-11 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	10-12 in. (25-30 cm)	5-8	April to September
	A final pinching 8 to 10 weeks before flowering will help to increase flower count.	PGRs generally not needed	Thielaviopsis, pythium and rhizoctonia can result from overwatering. Thrips, white fly, aphids, fungus gnats.	7-10 wks	9-11 wks, 1-3 ppp	10-12 wks, 3-5 ppp	10-12 in. (25-30 cm)	6-9	March to July
	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
	Not necessary if pinches provided in liner	PGRs generally not needed	Thielaviopsis, pythium and rhizoctonia can result from overwatering. Thrips, white fly, aphids, fungus gnats.	7-10 wks	9-11 wks	10-12 wks	16-18 in. (41-46 cm)	7-9	Year round depending on location
	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	12-15 in. (30-38 cm)	6-9	March to July
	Typically not required	PGRs generally not needed	Watch for crown rot if overwatered.	Not recommended	9-11 wks	12-14 wks	14-17 in. (36-43 cm)	5-9	June to August
	Typically not required	PGRs generally not needed	Watch for crown rot if overwatered.	7-10 wks	9-11 wks	Not recommended	14-16 in. (36-41 cm)	5-9	March to October
	Typically not required	PGRs generally not needed	Not particularly sensitive. Use well-drained media.	6-8 wks	9-11 wks	10-12 wks	10-12 in. (25-30 cm)	5-9	Year round, depending on location

# DARWIN PERENNIALS FINISHING GUIDE

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83	<b>MONARDA</b> <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.
84	<b>MONARDA</b> <i>Monarda didyma</i>	BeeMine™ Series	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Long day obligate	Beneficial for bulking and earlier flowering. Not required for flowering.	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm N.
90	<b>NEPETA</b> <i>Nepeta subsessilis</i>	Prelude™ Series	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
89	<b>NEPETA</b> <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.
87	<b>NEPETA</b> <i>Nepeta x faassenii</i>	Whispurr™ Series	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Long day facultative	No	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
91	<b>OENOTHERA</b> <i>Oenothera missouriensis</i>	'Evening Sun'	5.8-6.2	Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 150 ppm.
93	<b>PENSTEMON</b> <i>Penstemon barbatus</i>	Rock Candy® Series	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Long day facultative	No	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
96	<b>PENSTEMON</b> <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.
96	<b>PENSTEMON</b> <i>Penstemon hybrida</i>	MissionBells™ Series	5.8-6.2	Nights: 45 to 70°F (7 to 21°C) Days: 55 to 80°F (13 to 27°C)	Long day obligate	No	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
94	<b>PENSTEMON</b> <i>Penstemon hybrida</i>	Mountain Treats™ 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.
95	<b>PENSTEMON</b> <i>Penstemon hybrida</i>	Summit Sweets™ Series	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Long day facultative	No	3,000 to 5,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
98	<b>PEROVSKIA</b> <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.
100	<b>PHLOX</b> <i>Phlox hybrida</i>	Candy Cloud™ Series	5.8-6.2	60 to 75°F (16 to 24°C)		Yes	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 200 ppm N.
101	<b>PHLOX</b> <i>Phlox hybrida</i>	Spring Splash™ Series	5.8-6.2	60 to 75°F (16 to 24°C)		Vernalization beneficial for more flowering and earlier blooms	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 200 ppm N.
106	<b>PHLOX</b> <i>Phlox paniculata</i>	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.
107	<b>PHLOX</b> <i>Phlox paniculata</i>	Super Ka-Pow™ Series	5.8-6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)	Long day obligate	No	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
112	<b>POLEMONIUM</b> <i>Polemonium pulcherrimum</i>	'Golden Feathers'	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	1,500 to 2,500	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.
111	<b>RUDBECKIA</b> <i>Rudbeckia hybrid</i>	Suntacular	6.0-6.4	Nights: 60 to 65°F (16 to 17°C) Days: 65 to 80°F (17 to 27°C)	Long day obligate	No	5,000 to 9,000	Moderate; avoid wilting.	Use a balanced fertilizer at a rate of 150 to 175 ppm.
122-123	<b>SALVIA</b> <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.
121	<b>SALVIA</b> <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					USDA HARDINESS ZONES	BLOOM MONTHS
				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			
	Recommended	PGRs generally not needed	Powdery mildew may be present if grown under poor air circulation and high humidity. White fly, spider mites.	Unrooted: 12-14 wks Rooted: 8-10 wks	Unrooted: 14-16 wks Rooted: 10-12 wks	Unrooted: 14-16 wks Rooted: 12-14 wks	10-12 in. (25-30 cm)	4-9	June to July	
	Typically not required	PGRs generally not needed	Powdery mildew when pressure is high.	Not recommended	9-11 wks	10-12 wks	15-18 in. (38-46 cm)	4-9	June to July	
	Not necessary when pinched in liner.	Use daminozide/chlormequat chloride 2,500/800 ppm to control height	Aphids, white fly, spider mites	Not recommended	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	28-36 in. (71-91 cm)	4-9	March to September	
	Recommended	PGRs generally not needed	White fly	Unrooted: 10-14 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	18 in. (46 cm)	4-8	May to September	
	Typically not required	Daminozide/chlormequat chloride sprays 2,500/1,000 ppm	Spider mites, thrips	Not recommended	9-11 wks	10-12 wks	24-28 in. (61-71 cm)	3-9	April to September	
	Typically not required	PGRs generally not needed	Watch for crown rot if overwatered.	6-8 wks	10-12 wks	12-14 wks	3-6 in. (8-15 cm)	5-9	March to October	
	Yes	PGRs generally not needed	Spider mites, thrips. Watch for INSV/TSWV.	Unrooted: 10-14 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	12 in. (30 cm)	5-8	April to September	
	Yes	PGRs generally not needed	White fly, spider mites	Not recommended	Rooted: 10-12 wks	Rooted: 12-14 wks	18-20 in. (46-51 cm)	5-9	May to August	
	Yes	PGRs generally not needed	White fly, spider mites	Not recommended	Rooted: 10-12 wks	Rooted: 12-14 wks	20-24 in. (51-61 cm)	5-9	June to August	
	Second trim after liner pinch is beneficial	Uniconazole-P sprays beneficial	Spider mites, thrips	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	
	Yes	PGRs generally not needed	Spider mites, thrips. Watch for INSV/TSWV.	Not recommended	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 19-22 wks Rooted: 12-14 wks	30-34 in. (76-86 cm)	5-8	May to July	
	Recommended	PGRs generally not needed	Pythium can be a problem if overwatered. White fly, spider mites.	Not recommended	Unrooted: 14-16 wks Rooted: 10-12 wks	Unrooted: 14-16 wks Rooted: 10-12 wks	28-30 in. (71-76 cm)	3-9	July to September	
		Benzyladenine at 600 ppm to increase branching	Powdery mildew when pressure is high.	Rooted: 7-9 wks	Rooted: 10-12 wks	Rooted: 12-14 wks	14-16 in. (36-41 cm)	4-8	April to May	
	Yes, in cases where there are two or less shoots.	Benzyladenine at 600 ppm to increase branching	Powdery mildew when pressure is high.	Rooted: 7-9 wks	Rooted: 10-12 wks	Rooted: 12-14 wks	6-8 in. (15-20 cm)	4-8	April to May	
	Yes, in cases where there are two or less shoots.	Benzyladenine at 600 ppm to increase branching	Powdery mildew when pressure is high.	Not recommended	Rooted: 10-12 wks	Rooted: 12-14 wks	16-18 in. (41-46 cm)	4-9	June to August	
	Yes, in cases where there are two or less shoots.	Benzyladenine at 600 ppm to increase branching	Powdery mildew when pressure is high.	Not recommended	Rooted: 10-12 wks	Rooted: 12-14 wks	18-20 in. (46-51 cm)	4-9	June to August	
	None	PGRs generally not needed	Pythium and rhizoctonia can result from overwatering.	6-8 wks	10-12 wks	12-14 wks	6-8 in. (15-20 cm)	5-9	April to June	
	No	Daminozide/chlormequat chloride combination at 3,750 ppm/500 ppm can be used to tone foliage. May delay flowering. Uniconazole-P sprays after flower initiation if needed.	Aphids, leaf miners, leaf spot	Not recommended	12-14 wks	12-14 wks	30-34 in. (76-86 cm)	5-8	Late June to September	
	Yes	PGRs generally not needed	White fly, thrips	Rooted: 6-8 wks	Rooted: 8-10 wks	Rooted: 12-14 wks	12-14 in. (30-36 cm)	7-9	March to September	
	Once for smaller pot sizes, twice for larger containers.	PGRs generally not needed	White fly, spider mites	Unrooted: 12-14 wks Rooted: 8-10 wks	Unrooted: 14-16 wks Rooted: 10-12 wks	Unrooted: 16-18 wks Rooted: 12-14 wks	16-18 in. (41-46 cm)	7-10	March to September	

# DARWIN PERENNIALS FINISHING GUIDE

PAGE	CROP	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT- CANDLES	WATERING	FERTILIZATION
121	<b>SALVIA</b> <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.
118	<b>SALVIA</b> <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.
116	<b>SALVIA</b> <i>Salvia nemorosa</i>	Lyrical™ Series	5.8-6.2	Nights: 45 to 55°F (7 to 13°C) Days: 55 to 65°F (13 to 18°C)	Day length neutral	Beneficial; aids in bulking. Not required for flowering.	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 150 to 200 ppm.
114-115	<b>SALVIA</b> <i>Salvia nemorosa</i>	Marvel Series	5.8-6.2	55 to 65°F (13 to 18°C)	Day length neutral	Beneficial; aids in bulking. Not required for flowering.	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 175 to 200 ppm N.
63	<b>SALVIA</b> <i>Salvia officinalis</i>	Silver Scent	5.8-6.2	Nights: 45 to 55°F (7 to 13°C) Days: 55 to 65°F (13 to 18°C)	Short day obligate	Beneficial; aids in bulking. Not required for flowering.	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 150 to 200 ppm.
124	<b>SAXIFRAGA</b> <i>Saxifraga x arendsii</i>	Marto™ Series	5.8-6.2	Nights: 55 to 65°F (13 to 17°C) Days: 60 to 80°F (15 to 27°C)	Day length neutral	Yes	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
125	<b>SCABIOSA</b> <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.
129	<b>SEDUM</b> <i>Sedum cauticola</i>	Shamrock	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)		No	5,000 to 8,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
128	<b>SEDUM</b> <i>Sedum middendorffianum</i>	Lemon Sparkle	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 150 ppm.
129	<b>SEDUM</b> <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.
128	<b>SEDUM</b> <i>Sedum spurium</i>	What a Doozie	5.8-6.2	Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)	Long day obligate	No	5,000 to 8,000	Allow media to dry regularly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
133	<b>STACHYS</b> <i>Stachys byzantina</i>	Little Lamb	5.8-6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)		Yes, required for flowering; however, plants sell as foliage.	5,000 to 8,000	Allow media to dry moderately between watering.	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
135	<b>VERBENA</b> <i>Verbena canadensis</i>	'Homestead Hot Pink'	5.8-6.2	Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)	Long day facultative	No	5,000 to 8,000	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
138	<b>VERONICA</b> <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.
136	<b>VERONICA</b> <i>Veronica hybrid</i>	Skyward™ Series	5.8-6.2	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 70°F (16 to 21°C)	Long day facultative	No	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 125 to 150 ppm.
137	<b>VERONICA</b> <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.
138	<b>VERONICA</b> <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.
142	<b>VIOLA</b> <i>Viola cornuta</i>	Halo Series	5.5-5.8	Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (16 to 18°C)	Day length neutral	No	5,000 to 8,000	Allow media to dry slightly between watering.	Use a balanced Pansy/Viola fertilizer at a rate of 125 to 150 ppm.

	PINCHING AFTER TRANSPLANT	PLANT GROWTH REGULATORS	PESTS AND FUNGAL DISEASES	CROP SCHEDULE & USES					
				1-QT. (10-CM) POT, 1 PLANT PER POT	1-GAL. (15-CM) POT, 1 PLANT PER POT	2 TO 3-GAL. (25 TO 30-CM) POT, 3 PLANTS PER POT	HEIGHT	USDA HARDINESS ZONES	BLOOM MONTHS
	Yes	PGRs generally not needed	Thrips	Not recommended	Unrooted: 14-16 wks Rooted: 10-12 wks	Unrooted: 16-18 wks Rooted: 12-14 wks	24 in. (61 cm)	6-11	March to September
	Yes	PGRs generally not needed	White fly, spider mites, botrytis	Unrooted: 13-15 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 17-19 wks Rooted: 12-14 wks	20-22 in. (51-56 cm)	4-9	March to September
	Yes	PGRs generally not needed	White fly, spider mites, botrytis	Unrooted: 13-15 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 17-19 wks Rooted: 12-14 wks	22-24 in. (56-61 cm)	4-9	March to September
	Typically not required	Will respond to 300 ppm benzyladenine spray at young plant level	Spider mites	Not recommended	10-12 wks	12-14 wks	14-16 in. (36-41 cm)	4-9	March to September
	Yes	PGRs generally not needed		Unrooted: 13-15 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	Unrooted: 17-19 wks Rooted: 12-14 wks	21-24 in. (53-61 cm)	5-9	April to May
	No	Daminozide/chlormequat chloride combination at 3,750 ppm, daminozide/chlormequat chloride 500 ppm before flowering. Uniconazole-P spray can be used with caution after flowering if needed.	Spider mites, thrips, bacterial spot, botrytis				4-6 in. (10-15 cm)	4-9	March to June
	Typically not required	PGRs generally not needed	Very disease resistant. Watch for root and crown rot under poor growing conditions.	Not recommended	Rooted: 10-12 wks	Rooted: 10-12 wks	12-14 in. (30-36 cm)	5-9	March to September
	One pinch, two to three weeks after transplant.	PGRs generally not needed	Generally pest and disease free.	Unrooted: 10-12 wks Rooted: 6 wks	Unrooted: 12-14 wks Rooted: 8-10 wks	Not recommended	2-4 in. (5-10 cm)	3-9	
	One pinch, two to three weeks after transplant.	PGRs generally not needed. Daminozide is effective if needed, especially under lower light conditions	Generally pest and disease free.	Unrooted: 10-12 wks Rooted: 6 wks	Unrooted: 12-14 wks Rooted: 8-10 wks	Not recommended	7-10 in. (18-25 cm)	5-9	July to August
	One pinch, two to three weeks after transplant.	PGRs generally not needed	Generally pest and disease free.	Unrooted: 10-12 wks Rooted: 6 wks	Unrooted: 12-14 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	3-6 in. (8-15 cm)	4-9	Non-flowering
	One pinch, two to three weeks after transplant.	PGRs generally not needed	Generally pest and disease free.	Unrooted: 10-12 wks Rooted: 6 wks	Unrooted: 12-14 wks Rooted: 8-10 wks	Not recommended	2-5 in. (5-13 cm)	5-9	July to August
	Typically not required		Not particularly sensitive. Use well-drained media.	Rooted: 4-6 wks	Rooted: 6-8 wks	10-12 wks	2-5 in. (5-13 cm)	4-8	June to July
	Typically not required	Daminozide/chlormequat chloride sprays 2,500/1,000 ppm	Not particularly sensitive. Use well-drained media.	4-6 wks	6-8 wks	Not recommended	4-6 in. (10-15 cm)	6-9	March to October
	Yes	PGRs generally not needed	Aphids	Unrooted: Plant by Week 40 (North), Week 45 (South) Rooted: Stick by Week 35 (North), Week 40 (South)	Unrooted: Plant by Week 35 (North), Week 40 (South) Rooted: Stick by Week 30 (North), Week 35 (South)	Unrooted: Plant by Week 32 (North), Week 37 (South) Rooted: Stick by Week 28 (North), Week 32 (South)	10-12 in. (25-30 cm)	4-9	March to April
	Yes	PGRs generally not needed	Aphids, white fly	Not recommended	Unrooted: 14-16 wks Rooted: 10-12 wks	Unrooted: 16-18 wks Rooted: 12-14 wks	14-18 in. (36-46 cm)	4-9	April to September
	Yes	PGRs generally not needed	Aphids, white fly	Unrooted: 10-14 wks Rooted: 8-10 wks	Unrooted: 14-16 wks Rooted: 10-12 wks	Unrooted: 16-18 wks Rooted: 12-14 wks	12-14 in. (30-36 cm)	4-9	May to October
	Yes	PGRs generally not needed	Aphids, white fly	Not recommended	Unrooted: Plant by Week 35 (North), Week 40 (South) Rooted: Stick by Week 30 (North), Week 35 (South)	Unrooted: Plant by Week 32 (North), Week 37 (South) Rooted: Stick by Week 28 (North), Week 32 (South)	16-20 in. (41-51 cm)	5-8	June to August
	Recommended	PGRs generally not needed	Watch for thielaviopsis, pythium, white fly, spider mites.	Unrooted: 11-13 wks Rooted: 6-8 wks	Unrooted: 13-15 wks Rooted: 8-10 wks	Unrooted: 13-15 wks Rooted: 8-10 wks	8-10 in. (20-25 cm)	4-9	February to October

# REGIONAL TOP PICKS

This chart highlights top varieties from Darwin Perennials that will grow best in each season and region.

FLOWERING SEASON	PACIFIC NORTHWEST	SOUTHEAST	SOUTHWEST	
LATE WINTER	Dianthus Mountain Frost™	Dianthus Mountain Frost™	Dianthus Mountain Frost™	
	Erysimum Brightside™	Erysimum Brightside™	Erysimum Brightside™	
	Iberis 'Snowsation'	Iberis 'Snowsation'	Iberis 'Snowsation'	
	Lavender Primavera	Lavender Primavera	Lavender Primavera	
	Phlox Spring Splash™	Phlox Spring Splash™	Phlox Spring Splash™	
	Saxifraga Marto™	Saxifraga Marto™	Saxifraga Marto™	
	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™	
	Erysimum Brightside™	Erysimum Brightside™	Erysimum Brightside™	
	Geranium Purple Glow	Geranium Purple Glow	Geranium Purple Glow	
	Heuchera NEW Everglow Midnight, Carnival	Heuchera NEW Everglow Midnight, Carnival	Heuchera NEW Everglow Midnight, Carnival	
	Iberis 'Snowsation'	Iberis 'Snowsation'	Iberis 'Snowsation'	
	Lavender NEW Butterfly Garden™, Anouk, Primavera, Lavender Frost™	Lavender NEW Butterfly Garden™, Anouk, Primavera, Lavender Frost™	Lavender NEW Butterfly Garden™, Anouk, Primavera, Lavender Frost™	
	Nepeta Prelude™ Blue, Whispurr™, Junior Walker™	Nepeta Prelude™ Blue, Whispurr™, Junior Walker™	Nepeta Prelude™ Blue, Whispurr™, Junior Walker™	
	Phlox Spring Splash™, Candy Cloud™	Phlox Spring Splash™, Candy Cloud™	Phlox Spring Splash™, Candy Cloud™	
	Salvia Lyrical™, Marvel, Mirage™	Salvia Lyrical™, Marvel, Mirage™	Salvia Arctic Blaze®, Lyrical™, Marvel, Mirage™	
	Saxifraga Marto™	Saxifraga Marto™	Saxifraga Marto™	
	Veronica Moody Blues®	Veronica Moody Blues®	Veronica Moody Blues®	
Viola Halo	Viola Halo	Viola Halo		
SPRING	Achillea Milly Rock™, New Vintage™	Achillea Milly Rock™, New Vintage™	Achillea Milly Rock™, New Vintage™	
	Armeria Dreameria®	Armeria Dreameria®	Armeria Dreameria®	
	Brunnera 'Frostbite', Frostline, Permafrost, Frost King, Frost Magic	Centaurea Silver Swirl	Centaurea Silver Swirl	
	Coreopsis 'Golden Stardust', 'Super Star', UpTick™, Sunfetti Yellow Bicolor	Coreopsis 'Golden Stardust', 'Super Star', UpTick™, Sunfetti Yellow Bicolor	Coreopsis 'Golden Stardust', 'Super Star', UpTick™, Sunfetti Yellow Bicolor	
	Dianthus Mountain Frost™	Dianthus Mountain Frost™	Dianthus Mountain Frost™	
	Digitalis Arctic Fox™	Digitalis Arctic Fox™	Digitalis Arctic Fox™	
	Echinacea Sombrero®, Double Scoop™	Echinacea Sombrero®, Double Scoop™	Echinacea Sombrero®, Double Scoop™	
	Geranium Purple Glow	Geranium Purple Glow	Geranium Purple Glow	
	NEW Hemerocallis DayScape™	NEW Hemerocallis DayScape™	NEW Hemerocallis DayScape™	
	Heuchera NEW Everglow Midnight, Carnival	Heuchera NEW Everglow Midnight, Carnival	Heuchera NEW Everglow Midnight, Carnival	
	Iberis 'Summer Snowdrift'	Iberis 'Summer Snowdrift'	Iberis 'Summer Snowdrift'	
	Lavender 'SuperBlue', Primavera	Lavender 'SuperBlue', Primavera	Lavender 'SuperBlue', Primavera	
	Leucanthemum Make My Daisy™, 'Whitecap'	Leucanthemum Make My Daisy™, 'Whitecap'	Leucanthemum Make My Daisy™, 'Whitecap'	
	Miscanthus Bandwidth	Miscanthus Bandwidth	Miscanthus Bandwidth	
	Monarda Balmy™	Monarda Balmy™	Monarda Balmy™	
	Nepeta Prelude™ Blue, Whispurr™, Junior Walker™	Nepeta Prelude™ Blue, Whispurr™, Junior Walker™	Nepeta Prelude™ Blue, Whispurr™, Junior Walker™	
	Penstemon MissionBells™ Deep Rose, Rock Candy®, Mountain Treats™, Summit Sweets™	Penstemon MissionBells™ Deep Rose, Rock Candy®, Mountain Treats™, Summit Sweets™	Penstemon MissionBells™ Deep Rose, Rock Candy®, Mountain Treats™, Summit Sweets™	
	Phlox Candy Cloud™	Phlox Candy Cloud™	Phlox Candy Cloud™	
	Salvia Lyrical™, Marvel, Silver Scent	Salvia Lyrical™, Marvel, Silver Scent	Salvia Lyrical™, Marvel, Silver Scent	
	Sedum Shamrock	Sedum Shamrock	Sedum Shamrock	
Stachys Little Lamb	Stachys Little Lamb	Stachys Little Lamb		
Veronica Moody Blues®, Skyward™	Veronica Moody Blues®, Skyward™	Veronica Moody Blues®, Skyward™		





	CANADA	MIDWEST	GREAT LAKES	NORTHEAST
	Achillea Milly Rock™, New Vintage™	Achillea Milly Rock™, New Vintage™	Achillea Milly Rock™, New Vintage™	Achillea Milly Rock™, New Vintage™
	Agastache Summerlong™	Agastache Summerlong™	Agastache Summerlong™	Agastache Summerlong™
	Armeria Dreameria®	Armeria Dreameria®	Armeria Dreameria®	Armeria Dreameria®
	Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu®	Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu®	Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu®	Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu®
	Digitalis Arctic Fox™	Digitalis Arctic Fox™	Digitalis Arctic Fox™	Digitalis Arctic Fox™
	Gaillardia Guapa	Echinacea Sombrero®, Double Scoop™	Gaillardia Guapa	Echinacea Sombrero®, Double Scoop™
	Heliopsis 'Sunstruck'	Gaillardia Guapa	Heliopsis 'Sunstruck'	Gaillardia Guapa
	NEW Hemerocallis DayScape™	Heliopsis 'Sunstruck'	NEW Hemerocallis DayScape™	Heliopsis 'Sunstruck'
	Iberis 'Summer Snowdrift'	NEW Hemerocallis DayScape™	Iberis 'Summer Snowdrift'	NEW Hemerocallis DayScape™
	Lavender 'SuperBlue', Primavera	Iberis 'Summer Snowdrift'	Lavender 'SuperBlue', Primavera	Iberis 'Summer Snowdrift'
	Leucanthemum Make My Daisy™, 'Whitecap'	Kniphofia Glowstick	Leucanthemum Make My Daisy™, 'Whitecap'	Lavender 'SuperBlue', Primavera
	Monarda Balmy™	Lavender 'SuperBlue', Primavera	Monarda Balmy™	Leucanthemum Make My Daisy™, 'Whitecap'
	Nepeta Prelude™ Blue, Whispurr™, Junior Walker™	Leucanthemum Make My Daisy™, 'Whitecap'	Nepeta Prelude™ Blue, Whispurr™, Junior Walker™	Monarda Balmy™
	NEW Panicum Dream Catcher®, NEW Schizachyrium Free Spirit®	Monarda Balmy	NEW Panicum Dream Catcher®, NEW Schizachyrium Free Spirit®	Nepeta Prelude™ Blue, Whispurr™, Junior Walker™
	Perovskia 'CrazyBlue'	Nepeta Prelude™ Blue, Whispurr™, Junior Walker™	Penstemon MissionBells™ Deep Rose	NEW Panicum Dream Catcher®, NEW Schizachyrium Free Spirit®
	Phlox Ka-Pow®, Super Ka-Pow™	NEW Panicum Dream Catcher®, NEW Schizachyrium Free Spirit®	Perovskia 'CrazyBlue'	Penstemon MissionBells™ Deep Rose
	Rosmarinus Blue Cascade	Penstemon MissionBells™ Deep Rose	Phlox Ka-Pow®, Super Ka-Pow™	Perovskia 'CrazyBlue'
	Rudbeckia Suntacular	Perovskia 'CrazyBlue'	Rosmarinus Blue Cascade	Phlox Ka-Pow®, Super Ka-Pow™
	Salvia Lyrical™, Marvel	Phlox Ka-Pow®, Super Ka-Pow™	Rudbeckia Suntacular	Rosmarinus Blue Cascade
	Scabiosa Flutter™	Rosmarinus Blue Cascade	Salvia Lyrical™, Marvel	Rudbeckia Suntacular
	Sedum Shamrock	Rudbeckia Suntacular	Scabiosa Flutter™	Salvia Lyrical™, Marvel
	Veronica Moody Blues®, Skyward™	Salvia Lyrical™, Marvel	Sedum NEW Lemon Sparkle, Shamrock	Scabiosa Flutter™
		Scabiosa Flutter™	Veronica Moody Blues®, Skyward™	Sedum NEW Lemon Sparkle, Shamrock
		Sedum NEW Lemon Sparkle, Shamrock		Veronica Moody Blues®, Skyward™
		Veronica Moody Blues®, Skyward™		
	Achillea Milly Rock™, New Vintage™	Achillea Milly Rock™, New Vintage™	Achillea Milly Rock™, New Vintage™	Achillea Milly Rock™, New Vintage™
	Agastache Summerlong™	Agastache Summerlong™	Agastache Summerlong™	Agastache Summerlong™
	Coreopsis UpTick™	Coreopsis UpTick™	Coreopsis UpTick™	Coreopsis UpTick™
	Digitalis Arctic Fox™	Digitalis Arctic Fox™	Digitalis Arctic Fox™	Digitalis Arctic Fox™
	Echinacea Sombrero®, Double Scoop™	Echinacea Sombrero®, Double Scoop™	Echinacea Sombrero®, Double Scoop™	Echinacea Sombrero®, Double Scoop™
	Helenium Salud™	Helenium Salud™	Helenium Salud™	Helenium Salud™
	Helianthus 'Autumn Gold'	Helianthus 'Autumn Gold'	Helianthus 'Autumn Gold'	Helianthus 'Autumn Gold'
	Heuchera Carnival, NEW Everglow	Heuchera Carnival, NEW Everglow	Heuchera Carnival, NEW Everglow	Heuchera Carnival, NEW Everglow
	Lavender 'SuperBlue', Primavera	Kniphofia Glowstick	Lavender 'SuperBlue', Primavera	Lavender 'SuperBlue', Primavera
	NEW Panicum Dream Catcher®, NEW Schizachyrium Free Spirit®	Lavender 'SuperBlue', Primavera	Miscanthus Bandwidth	Miscanthus Bandwidth
	Penstemon Rock Candy®	Miscanthus Bandwidth	NEW Panicum Dream Catcher®, NEW Schizachyrium Free Spirit®	NEW Panicum Dream Catcher®, NEW Schizachyrium Free Spirit®
	Perovskia 'CrazyBlue'	NEW Panicum Dream Catcher®, NEW Schizachyrium Free Spirit®	Penstemon Rock Candy®	Penstemon Rock Candy®
	Rudbeckia Suntacular	Penstemon Rock Candy®	Perovskia 'CrazyBlue'	Perovskia 'CrazyBlue'
	Salvia Lyrical™, Marvel	Perovskia 'CrazyBlue'	Rudbeckia Suntacular	Rudbeckia Suntacular
	Sedum Shamrock	Rudbeckia Suntacular	Salvia Lyrical™, Marvel	Salvia Lyrical™, Marvel
		Salvia Lyrical™, Marvel	Sedum NEW Lemon Sparkle, Shamrock	Sedum NEW Lemon Sparkle, Shamrock
		Sedum NEW Lemon Sparkle, Shamrock		

# TERMS & CONDITIONS OF SALE

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

## ACCEPTANCE OF TERMS

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

## LIMITATION OF WARRANTY

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

## LIMITATION OF REMEDY

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

## MANDATORY ARBITRATION

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

## GOVERNING LAW, JURISDICTION & VENUE

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

## INDEMNITY

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

## 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

® denotes a U.S. registered trademark and ™ denotes a trademark of Ball Horticultural Company, unless otherwise indicated.

## SALES LIMITATIONS EXPORT CONTROL

### U.S., EU, OR U.N. SANCTIONS PROGRAMS

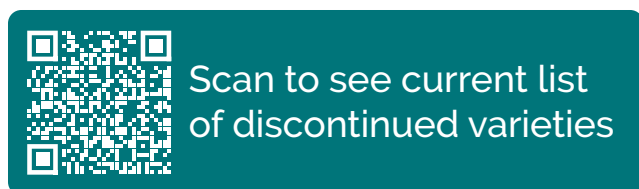
THE BUYER IS PROHIBITED TO SELL, DIVERT, TRANSFER, TRANSACT, OR RE-EXPORT, DIRECTLY OR INDIRECTLY, TO ANY INDIVIDUAL, ENTITY, OR DESTINATION SUBJECT TO U.S., EU, AND U.N. SANCTIONS PROGRAMS (E.G., NORTH KOREA, IRAN, CUBA, SYRIA, AND CRIMEA REGION OF UKRAINE). THIS INCLUDES, BUT IS NOT LIMITED TO, THE UNITED STATES DEPARTMENT OF TREASURY'S OFFICE OF FOREIGN ASSETS CONTROL (OFAC) SANCTIONS AND THOSE LISTED ON THE OFAC SPECIALLY DESIGNATED NATIONALS (SDN) LIST.

## GLOBAL ANTI-CORRUPTION POLICY

EACH PARTY AGREES TO COMPLY WITH ALL APPLICABLE LAWS COVERING BRIBERY, ANTI-CORRUPTION, AND MONEY LAUNDERING IN ALL COUNTRIES IN WHICH THE COMPANY DOES BUSINESS OR OPERATES. THIS INCLUDES, BUT IS NOT LIMITED TO, THE FOREIGN CORRUPT PRACTICES ACT (FCPA), UNDER WHICH IT IS UNLAWFUL TO OFFER, PAY, OR PROMISE TO PAY MONEY OR ANYTHING OF VALUE TO ANY FOREIGN OFFICIAL TO OBTAIN OR RETAIN BUSINESS.

# Discontinued Darwin Colombia Varieties for 2027

Variety	Recommended Replacement
Artemisia SunFern™ Arcadia	Artemisia SunFern™ Olympia
Echinacea Double Scoop™ Lemon Cream	Echinacea Double Scoop™ Raspberry Deluxe
Echinacea Sombrero Poco™ Hot Pink	Echinacea Sombrero Poco™ Hot Pink Improved
Echinacea Sombrero® Baja Burgundy	Echinacea Sombrero® Fuchsia Fandango
Echinacea Sombrero® Fiesta Orange	Echinacea Sombrero® Mandarin Mambo
Echinacea Sombrero® Summer Solstice	Echinacea Sombrero® Lemon Yellow
Heuchera Carnival Coffee Bean	Heuchera Carnival Watermelon
Lavandula Anouk Doublescape	Lavandula Anouk Double Anouk
Leucanthemum Ooh La™ 'LaCrosse'	Leucanthemum Make My Daisy™ Crazy
Leucanthemum Ooh La™ 'LaSpider'	Leucanthemum Make My Daisy™ Crazy
Lychnis Petite Jenny	None
Penstemon 'Blackbeard'	None
Penstemon 'Onyx and Pearls'	None
Perovskia Little Lace	Perovskia 'CrazyBlue'
Phlox 'Starfire'	Phlox 'Red Riding Hood'
Salvia Lyrical™ Silvertone	Salvia Lyrical™ Blues
Salvia Sensation® Compact Sky Blue	Salvia Sensation® Compact Deep Blue
Sedum 'Yellow Diamonds'	Sedum Lemon Sparkle
Veronica 'Da Vinci Delight'	Veronica Very Van Gogh
Veronica First Love	Veronica Skyward™ Pink
Viola Celestial™ Starry Night	Viola Celestial™ Twilight



# TRIAL LOCATIONS

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



Landscape Ontario  
Milton, ON, Canada



Smith Gardens  
Marysville, WA

## Longwood Gardens

Kennett Square, PA

## Green Leaf Plants

Smoketown, PA

## Penn State University

University Park, PA

## Star® Roses and Plants Trials

West Grove, PA

## Cincinnati Zoo

Cincinnati, OH

## The Ohio State University

Columbus, OH

## The Gardens at Ball

West Chicago, IL

## Raker Trial Gardens

Litchfield, MI

## Iowa Arboretum

Madrid, IA

## North Dakota State University

Fargo, ND

## Metrolina Trial Garden

Huntersville, NC

## North Carolina State University

Raleigh, NC

## University of Georgia

Athens, GA

## Mississippi State University

Mississippi State, MS

## Louisiana State University

Shreveport, LA

## Fort Worth Botanical Garden

Fort Worth, TX

## Certified Nurseries

Tyler, TX

## Colorado State University

Fort Collins, CO

## Smith Gardens

Marysville, WA

## University of Guelph

Guelph, ON, Canada

## Landscape Ontario

Milton, ON, Canada

## Vanstone Nurseries

Portage la Prairie, MB, Canada



The Gardens at Ball  
West Chicago, IL



Make  
*Darwin  
Perennials  
Day*  
an annual occasion!

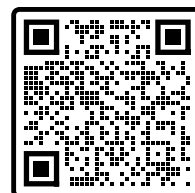


## Week 25 in the Gardens at Ball

- Tour our Trial Gardens.
- Visit with more than 25 vendors.
- Connect with your industry peers.
- Enjoy a catered lunch.
- Expand your professional knowledge thanks to educational stations, renowned guest speakers and behind-the-scenes tours.
- Take home a free plant!

**Darwin Perennials Day  
is Week 25 in the  
Gardens at Ball.**

*Scan to see highlights  
of the day's events.*



DarwinPerennials®

# Your Liner Sources

Order Darwin Perennials liners and check live inventory at [ballseed.com/webtrack](https://ballseed.com/webtrack).

**Ball Tagawa**  
*Arroyo Grande, CA*

**Creek Hill Nursery**  
*Leola, PA*

**DGI Propagators**  
*Hudsonville, MI*

**Dickman Farms**  
*Auburn, NY*

**DS Cole Growers**  
*Loudon, NH*

**Emerald Coast Growers**  
*Pensacola, FL*

**Fessler Nursery Company**  
*Woodburn, OR*

**George Sant & Sons  
Greenhouses**  
*Kleinburg, ON, Canada*

**GET Group, Inc.**  
*Woodstock, IL*

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

**Gulley Greenhouse, Inc.**  
*Fort Collins, CO*

**James Greenhouses**  
*Colbert, GA*

**Knox Nursery, Inc.**  
*Winter Garden, FL*

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

**Pacific Plug & Liner**  
*Watsonville, CA*

**Plug Connection**  
*Vista, CA*

**Qualitree Propagators, Inc.**  
*Chilliwack, BC, Canada*

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

**Swift Greenhouses, Inc.**  
*Gilman, IA*

**Tagawa Greenhouse**  
*Brighton, CO*

**Van de Wetering Greenhouses**  
*Jamesport, NY*

**Walters Gardens**  
*Zeeland, MI*

**Westcan Greenhouses Ltd.**  
*Langley Township, BC, Canada*

Contact your favorite  
Ball Seed representative or call  
**Ball Seed:** 800 879-BALL  
**Ball ColorLink®:** 800 686-7380

BallSeed®

NEW Helianthemum  
SunBurst™



Please recycle when no longer needed  
or pass along to a colleague.

Visit [ballseed.com](https://ballseed.com) for current Terms & Conditions of Sale.

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