

# DARWIN PERENNIALS®

# 2027



star®  
ROSES *and* PLANTS



# NEW VARIETIES 2027





12

- 1. Lavender Butterfly Garden™ Poppin' Pink .....48
- 2. Grass Panicum Dream Catcher®  
Lightning Bolt® .....34
- 3. Hemerocallis DayScape™ Golden Yellow ..... 42-43
- 4. Helianthemum SunBurst™ White .....37
- 5. Hemerocallis DayScape™ Berries and Cream...42-43
- 6. Helianthemum SunBurst™ Pink ..... 37
- 7. Heuchera Everglow Midnight ..... 40
- 8. Schizachyrium Free Spirit® Blue Arrow® .....35
- 9. Lavender Butterfly Garden™ Plum Perfect.....48
- 10. Sedum Lemon Sparkle ..... 81
- 11. Hemerocallis DayScape™ Coral Blaze ..... 42-43
- 12. Echinacea Sombrero Poco™ Hot Pink Improved ..30

# DARWIN PERENNIALS VARIETIES

Achillea.....	15-16
Agastache.....	18
Alyssum.....	19
Armeria.....	17
Artemisia.....	19
Brunnera.....	20
Caryopteris.....	21
Coreopsis.....	21-22
Delosperma.....	23
Dianthus.....	24
Digitalis.....	25
Echinacea.....	26-30
Erysimum.....	31
Eupatorium.....	32
Gaillardia.....	33
Geranium.....	33
Grasses.....	34-36
Helianthemum.....	37
Helianthus.....	38
Heliopsis.....	38
Hemerocallis.....	42-43
Heuchera.....	39-40
Iberis.....	41
Kniphofia.....	44
Lavandula.....	45-50
Leucanthemum.....	51-52
Monarda.....	53-56
Nepeta.....	57-59
Penstemon.....	60-64
Perovskia.....	65
Phlox.....	66-72
Polemonium.....	73
Rosmarinus.....	73
Rudbeckia.....	74
Salvia.....	75-80
Sedum.....	81-82
Stachys.....	83
Veronica.....	84-85
Viola.....	86

## 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



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## 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 Sombrero® – Pages 28–29

Sombrero – 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 78

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

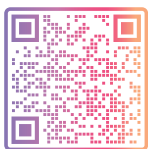
### 3. Lavender 'SuperBlue' – Page 46

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

### 4. Nepeta Junior Walker™ – Page 58

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 19



Magenta Glow

Early Spring

**Erysimum  
Brightside™ Series**

page 31

EARLIEST SPRING

EARLY SPRING



Early Spring

**Iberis  
'Snowsation'**

page 41

Early Spring

**Phlox Spring Splash™  
Series**

page 68



Lilac



Mid Spring

**Lavender  
Anouk Series**  
page 47

Royal



Mid Spring

**Dianthus  
Mountain Frost™  
Series**  
page 24

Pink Carpet



NEW Pink

Mid Spring

**NEW  
Helianthemum  
SunBurst™ Series**  
page 37

MID SPRING

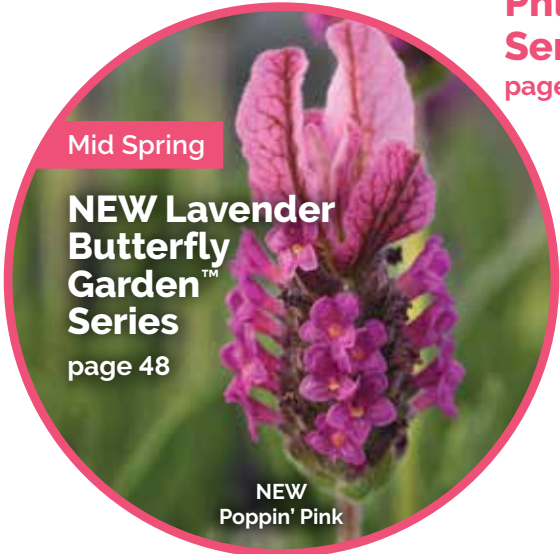
LATE SPRING/EARLY SUMMER



Dark Pink

Mid Spring

**Phlox Candy Cloud™  
Series**  
page 67



Mid Spring

**NEW Lavender  
Butterfly  
Garden™  
Series**  
page 48

NEW  
Poppin' Pink



Late Spring/Early Summer

**Geranium  
Purple Glow**  
page 33

# POLLINATOR POWER

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

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

Agastache.....	18
Digitalis.....	25
Echinacea.....	26-30
Hemerocallis.....	42-43
Heuchera.....	39-40
Monarda.....	53-56
Nepeta.....	57-59
Penstemon.....	60-64
Perovskia.....	65
Phlox.....	66-72
Salvia.....	75-80
Veronica.....	84-85



Echinacea  
Sombbrero® Rosada  
pages 28-29



**NEW**  
Hemerocallis  
DayScape™ Scarlet Burst  
pages 42-43



Agastache  
Summerlong™ Coral  
page 18



Digitalis  
Arctic Fox™ Rose  
page 25

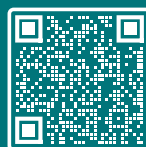


Penstemon  
Mountain Treats™  
Rose, page 62

## 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!



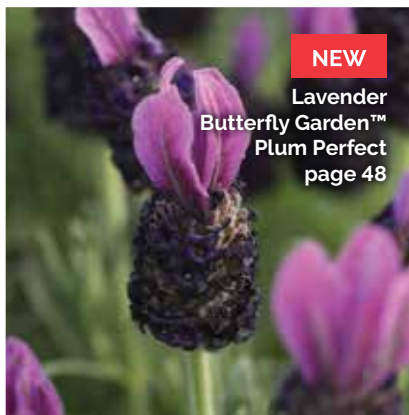
**NEW**

Hemerocallis  
DayScape™  
Golden Yellow  
pages 42-43



**NEW**

Hemerocallis  
DayScape™  
Coral Frill  
pages 42-43



**NEW**

Lavender  
Butterfly Garden™  
Plum Perfect  
page 48

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

Achillea.....	15-16
Digitalis.....	25
Echinacea.....	26-30
Heliopsis.....	38
Hemerocallis.....	42-43
Kniphofia.....	44
Lavandula.....	45-50
Leucanthemum.....	51-52
Monarda.....	53-56
Penstemon.....	60-64
Perovskia.....	65
Phlox.....	66-72
Rudbeckia.....	74
Salvia.....	75-80
Sedum.....	81-82
Veronica.....	84-85



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

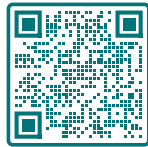
# We're here to help you **GROW!**



“

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!

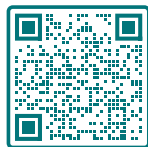
”



“

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



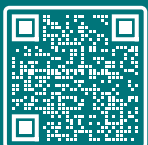
Customize your growing schedule at  
**FirstYearFloweringTool.com.**



”

## 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.

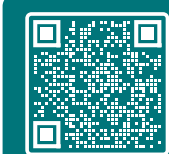
“ Before we tried Darwin's callused cuttings, our lavender cutting loss was close to 40%, but now it's less than 10%. And prop time in the greenhouse is about 50% faster, so we can plant 2 to 3 weeks earlier! It's a big advantage.

**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.....	15-16
Armeria.....	17
Artemisia.....	19
Erysimum.....	31
Gaillardia.....	33
Helianthemum.....	37
Heliopsis.....	38
Iberis.....	41
Lavandula.....	45-50
Perovskia.....	65
Phlox.....	66-72
Salvia.....	75-80
Veronica.....	84-85
Viola.....	86



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

# DARWIN PERENNIALS TEAM



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# TEAM FAVORITES



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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**

# A-Z Listing



Grow your best season ever with these popular varieties!



# ACHILLEA NEW VINTAGE™

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

'Balvinolet' PP25,750

 **White** 'Balvinwite' PP25,711

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

Terracotta

Red



Rose



Terracotta



Violet

**TOP SELLER**



White

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

# 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.

**AGASTACHE** ●  
(MEXICAN GIANT  
HYSSOP)

*Agastache mexicana*

DARWIN PERENNIALS

**SUMMERLONG™  
SERIES** ✈️ 🌱 ✂️

 **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. 'Balsumtora' 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 Summerlong Coral



Agastache Summerlong Lemon



Agastache Summerlong Lilac



Agastache Summerlong Magenta



Agastache Summerlong Peach

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

*Agastache rugosa*

DARWIN PERENNIALS

**'LITTLE ADDER'** ✈️ 🌱 ✂️

 **FirstYearFloweringTool.com**  
for easy scheduling

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

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'



Alyssum 'Golden Spring'

**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.



Artemisia SunFern Olympia

**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.



**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



# BRUNNERA COLLECTION

Permafrost



Frost King

Frostline

Frost Magic

'Frostbite'

Permafrost



Caryopteris 'Emerald Crest'



Caryopteris 'Gold Crest'



Caryopteris Grand Bleu



Coreopsis Sunfetti Yellow Bicolor

**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.

**COREOPSIS (TICKSEED)**

*Coreopsis hybrida*

**DARWIN PERENNIALS**

**SUNFETTI YELLOW BICOLOR**

[FirstYearFloweringTool.com](https://www.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  
'Balsettiye'

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 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

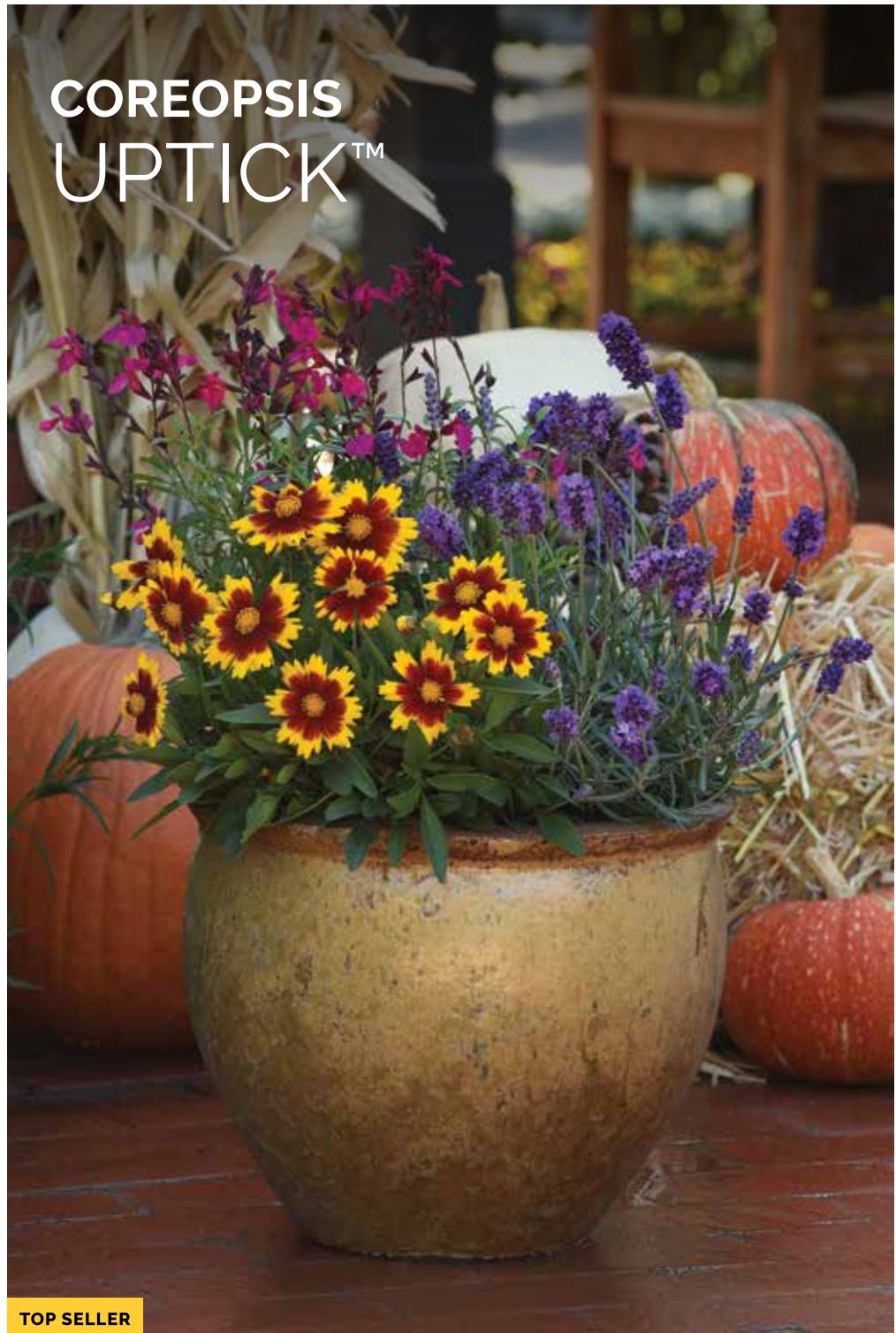


**TOP SELLER Gold & Bronze** 'Baluptgonz' PP28,882

**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.



**TOP SELLER**

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



Cream



Cream & Red



Gold



Red



Yellow & Red

TOP SELLER

# DELOSPERMA OCEAN SUNSET™

DELOSPERMA ●  
(ICE PLANT)

*Delosperma hybrida*

DARWIN PERENNIALS

OCEAN SUNSET™  
SERIES



 [FirstYearFloweringTool.com](https://www.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 left) '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

**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

# 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

# Echinacea

**PAGES 27-30**



Echinacea Double Scoop  
Bubble Gum  
Page 27



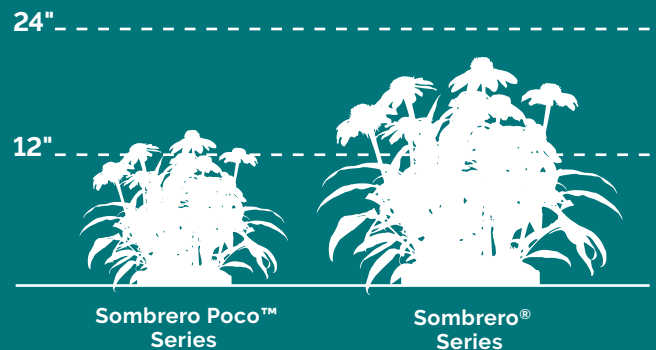
Echinacea Sombbrero  
Adobe Orange  
Pages 28-29



Echinacea Double Scoop  
Strawberry Deluxe  
Page 27

## Echinacea Height Comparisons

*Echinacea x hybrida*



NEW Echinacea Sombbrero Poco  
Hot Pink Improved  
Page 30



Echinacea Sombbrero  
Lemon Yellow  
Pages 28-29



# 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

ECHINACEA   
(CONEFLOWER)  
*Echinacea x hybrida*

DARWIN PERENNIALS

**SOMBRERO®  
SERIES**   

 [FirstYearFloweringTool.com](http://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

  
**Sombrero®**  
ECHINACEA

# ECHINACEA SOMBRERO®





Fuchsia Fandango



Mandarin Mambo



**TOP SELLER**

Adobe Orange



Blanco



Granada Gold (also pictured on page 28)



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

Exceptional Winter  
hardiness, excellent  
branching and proven  
landscape performance.



**TOP SELLER**  
Hot Coral



**TOP SELLER**  
Hot Coral



**NEW**  
Hot Pink Improved



Red



White



Yellow

# ERYSIMUM BRIGHTSIDE™

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 left)  
'KLEEY21079'

**Lemon Ice** 'KLEEY21078'

**Magenta Glow** 'KLEEY21069'

**Orange** (pictured left) 'KLEEY23096'

**White** (pictured left) 'KLEEY24095'



Lemon Ice



Magenta Glow



White

EUPATORIUM ●●  
(JOE-PYE WEED)

*Eupatorium dubium*

DARWIN PERENNIALS

'LITTLE JOE' ✂️



**Height:** 36 to 48 in. (91 to 122 cm)

**Bloom Months:** July to September

**USDA Hardiness Zones:** 3a to 9b

Strong, sturdy stems won't flop!

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



Eupatorium 'Little Joe'

EUPATORIUM ●  
(JOE-PYE WEED)

*Eupatorium purpureum*

FLORENSIS, B.V. Florensis

EUPHORIA™  
RUBY 🏆 ✂️



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

**Bloom Months:** July to October

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

'FLOREUPRE1' PP31,668

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

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



Eupatorium Euphoria Ruby



Geranium Purple Glow

**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.



Gaillardia Guapa Flamenco Bicolor



Gaillardia Guapa Red

**GAILLARDIA** ●  
(BLANKET FLOWER)

*Gaillardia aristata*

FLORENSIS, B.V.

**Flörens**

**GUAPA SERIES**



 **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'

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)

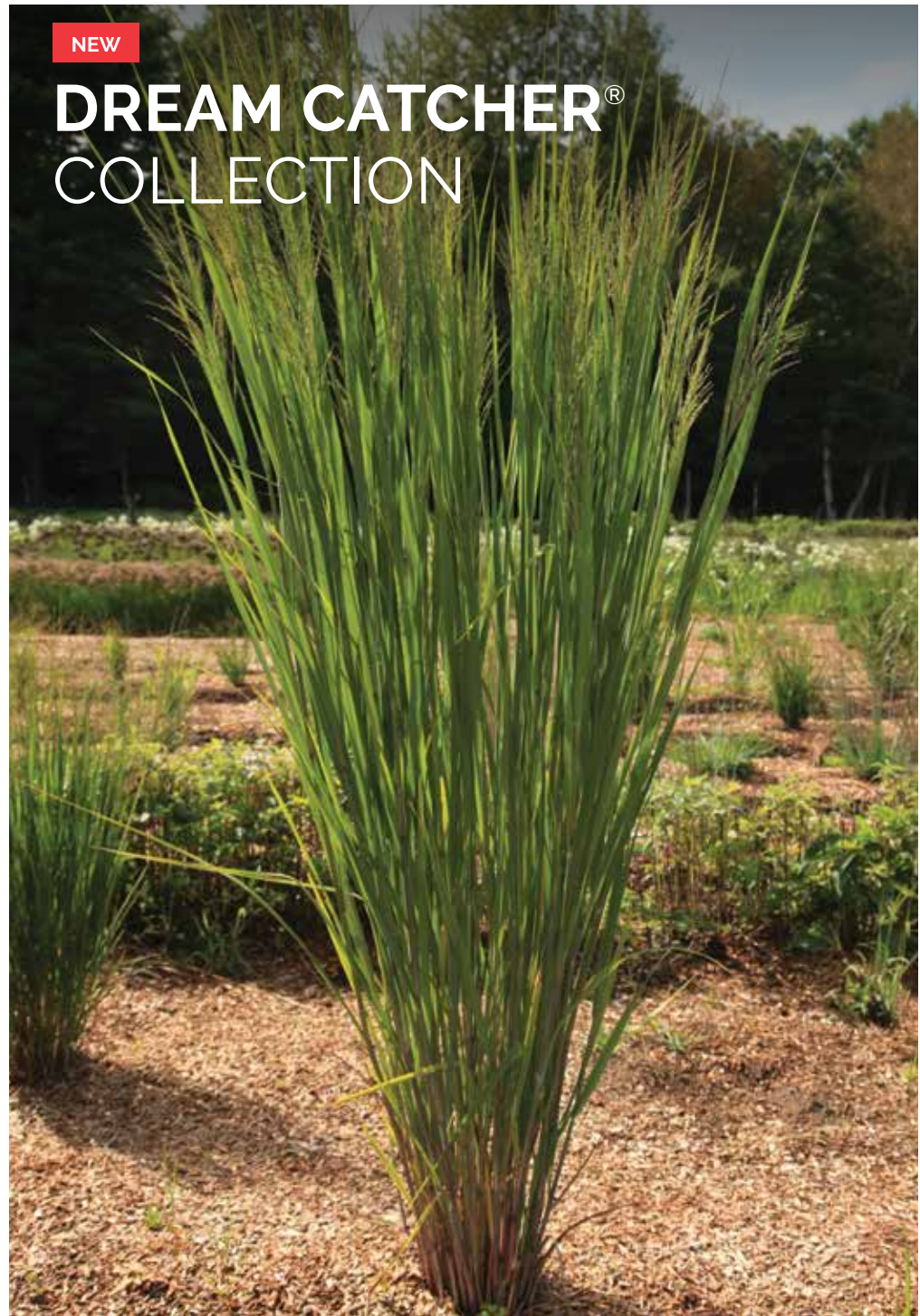
**Bloom Months:** August to October

**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.

PANICUM VIRGATUM DREAM CATCHER is a U.S. trademark of Hortech, Inc. PANICUM VIRGATUM LIGHTNING BOLT, SMOKY ROSE and TUMBLEWEED are U.S. registered trademarks of Hortech, Inc. Panicum virgatum is hereby disclaimed.



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



DarwinPerennials.  
Miscanthus Bandwidth



DarwinPerennials.  
Miscanthus High Frequency

**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 a 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.



DarwinPerennials.  
Miscanthus My Fair Maiden



Panicum Ruby Ribbons

NEW

# HELIANTHEMUM SUNBURST™

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 left) 'Balsunbose' PPAF

**White** 'Balsunbwhi'



Pink



Rose



White



DarwinPerennials.  
Helianthus 'Autumn Gold'



DarwinPerennials.  
Heliopsis 'Summer Eclipse'



**NEW**  
Heliopsis 'Sundial'



DarwinPerennials.  
Heliopsis 'Sunstruck'

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

*Helianthus salicifolius*

DARWIN PERENNIALS

'AUTUMN GOLD' 🏆✂️

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  
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  
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.



Black Olive



Burgundy Blast



**TOP SELLER**

Cinnamon Stick



Cocomint



Lime Zest



Peach Parfait



**TOP SELLER**

Rose Granita



Plum Crazy



**TOP SELLER**

Watermelon



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

**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

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



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'

TOP SELLER

# IBERIS 'SNOWSATION'

IBERIS ●  
(EVERGREEN  
CANDYTUFT)  
*Iberis sempervirens*

DARWIN PERENNIALS

'SNOWSATION'

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

TOP SELLER

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

The largest flowers of any compact Iberis!



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

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 42)

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 49



Lavandula  
'SuperBlue'  
page 46

# 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 48

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 ANOUK



Purple Flare

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



'Anouk'



Anouk Supreme



Burgundy



Deep Rose



Double Anouk



Purple Flare



Purple Medley



Royal Anouk



'Silver Anouk'

Outstanding in  
containers and  
landscapes.

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 PVPAF

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



NEW

Poppin' Pink



NEW

Plum Perfect (also pictured right)

NEW

# LAVANDULA BUTTERFLY GARDEN™



TOP SELLER

# LAVANDULA PRIMAVERA

LAVANDULA   
(SPANISH LAVENDER)  
*Lavandula stoechas*

DARWIN PERENNIALS

PRIMAVERA



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

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

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

**USDA Hardiness Zones:** 7a to 9a

'Anouk Deluxe 1225' PP33,269

**TOP SELLER**

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

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



## BLOOM MONTHS

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

Darwin Perennials Lavender Primavera

Traditional Spanish Lavender

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 right)  
Bubblegum-pink flowers are a nice complement to the silver foliage. 'IB 510-96'

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



Pink



Purple



Purple

# LAVANDULA LAVENDER FROST™



# LEUCANTHEMUM MAKE MY DAISY™

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. 'Sunrimaipy' PP35,183

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



Crazy



Happy (also pictured left)

LEUCANTHEMUM   
(SHASTA DAISY)

*Leucanthemum x superbum*

DARWIN PERENNIALS

'WHITECAP' 

 [FirstYearFloweringTool.com](https://www.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.



DarwinPerennials.  
Leucanthemum 'Whitecap'

WALTERS GARDENS



'CREAM PUFF' 

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

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



Leucanthemum 'Cream Puff'

# Monarda

## PAGES 54-56



Monarda BeeMine  
Red  
Page 55



Monarda BeeMine  
Lavender  
Page 55



Monarda BeeMine  
Purple  
Page 55

### Monarda Height Comparisons

*Monarda didyma*

24" -----

12" -----



Balmy™  
Series

BeeMine™  
Series

Sugar Buzz®  
Series



Monarda Balmy  
Pink  
Page 54



Monarda Sugar Buzz  
'Cherry Pops'  
Page 56

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 right)  
'Balbalmink' PP26,566

**TOP SELLER Purple**  
'Balbalmurp' PP25,561

**Rose** 'Balbalmos366'



Lilac



**TOP SELLER**

Purple



Rose

# MONARDA BALMY™



# MONARDA BEEMINE™



MONARDA   
(BEE BALM, BERGAMOT)  
*Monarda didyma*

DARWIN PERENNIALS

BEEMINE™  
SERIES



 [FirstYearFloweringTool.com](https://www.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 left)  
'Balbeemav' PP33,915

**Pink** 'Balbeemin' PP33,916

**Purple** 'Balbeempur' PPAF

**Red** 'Balbeemed' PP33,917

Excellent  
early-flowering,  
medium-height  
Monarda.



Pink




Purple



Red

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.



# MONARDA SUGAR BUZZ®



'Blue Moon'

**TOP SELLER**

'Cherry Pops'



'Bubblegum Blast'



'Grape Gumball'



'Pink Frosting'



'Rockin' Raspberry'

# Nepeta

**PAGES 58-59**



Nepeta Prelude  
Purple  
Page 59



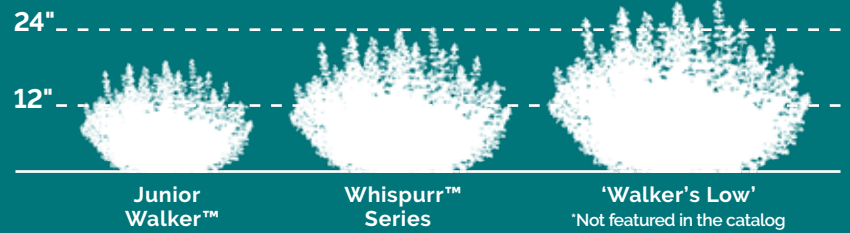
Nepeta Prelude  
Purple  
Page 59



Nepeta Whispurr  
Pink  
Page 58

## Nepeta Height Comparisons

*Nepeta x faassenii*



Junior  
Walker™

Whispurr™  
Series

'Walker's Low'  
\*Not featured in the catalog



Nepeta Whispurr  
Blue  
Page 58



Nepeta Junior Walker  
Page 58

**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** 'Balpurrtu' PP33,042

**Pink** 'Balpurrink' PP33,184



Nepeta Whispurr Blue



Nepeta Whispurr Pink

DARWIN PERENNIALS

**JUNIOR  
WALKER™**   

 [FirstYearFloweringTool.com](https://www.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.



Nepeta Junior Walker



**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.

# NEPETA PRELUDE™

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 left)



Purple

# Penstemon

## PAGES 61-65



Penstemon Summit Sweets Purple  
Page 63



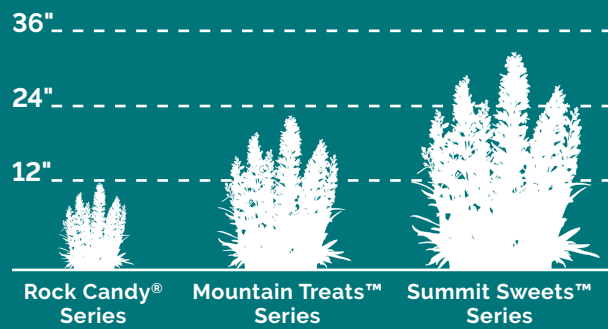
Penstemon 'Cherry Sparks'  
Page 64



Penstemon Mountain Treats Rose  
Page 62

### Penstemon Height Comparisons

*Penstemon hybrida*



Penstemon Rock Candy Blue  
Page 61



Penstemon Rock Candy Ruby  
Page 61

# 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



Blue



Coral



Light Pink



Pink



Purple

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


DARWIN PERENNIALS

**MOUNTAIN  
TREATS™ SERIES** ✂

 [FirstYearFloweringTool.com](https://www.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

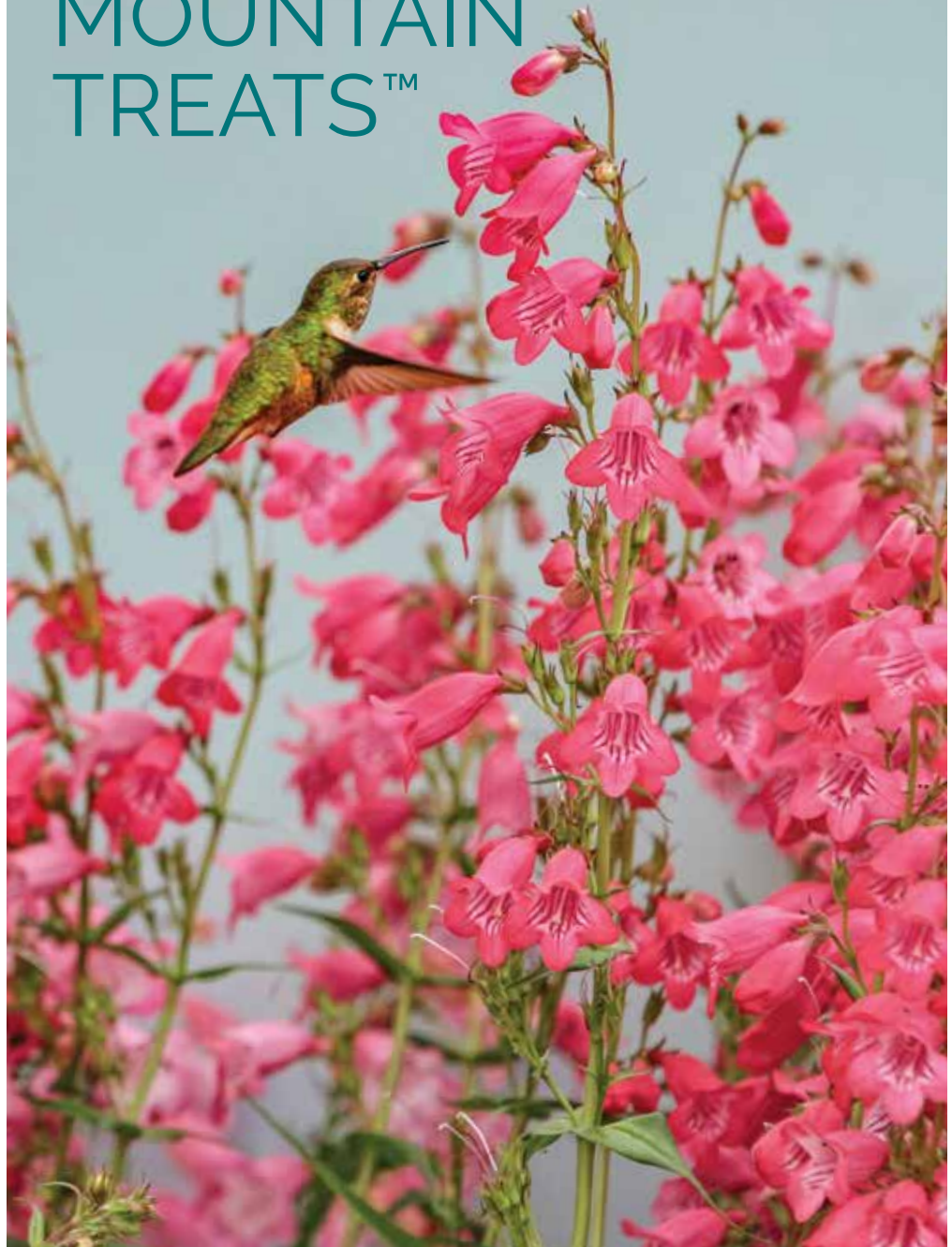
**Lavender** 'Balmountlav'

 **Light Pink** 'Balmountlipi'

**Red** 'Balquaired' 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' ✂

 FirstYearFloweringTool.com  
for easy scheduling

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

**Bloom Months:** May to August

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

PP28.869

- Bigger blooms with bright, cherry-red color.
- More heat tolerant and Winter hardy than other varieties.
- Sterile, long-flowering variety, without the unsightly seed heads.

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



# PENSTEMON 'CHERRY SPARKS'



TOP SELLER

# PEROVSKIA 'CRAZYBLUE'

PEROVSKIA ●  
(RUSSIAN SAGE)

*Perovskia atriplicifolia*

DARWIN PERENNIALS

'CRAZYBLUE' 🏆 🌱 🌿 ✂️

 [FirstYearFloweringTool.com](https://www.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.

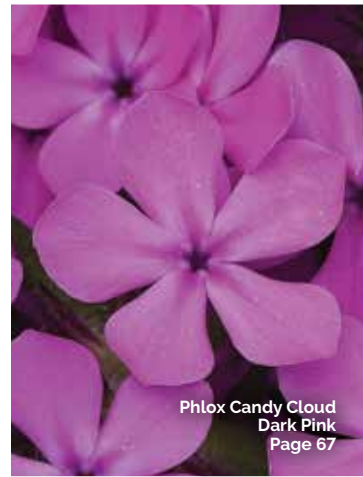


# Spring Phlox

## PAGES 67-68



Phlox Candy Cloud  
Lavender  
Page 67



Phlox Candy Cloud  
Dark Pink  
Page 67



Phlox Candy Cloud  
Pink  
Page 67

### 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 68



Phlox Spring Splash  
Violet  
Page 68



# PHLOX CANDY CLOUD™

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



Lavender



Pink



Blue



Dark Pink



Lavender



Pink

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 right)  
'Balsasheet' PP36,583

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



Lilac



Lilac



Pink

# PHLOX SPRING SPLASH™



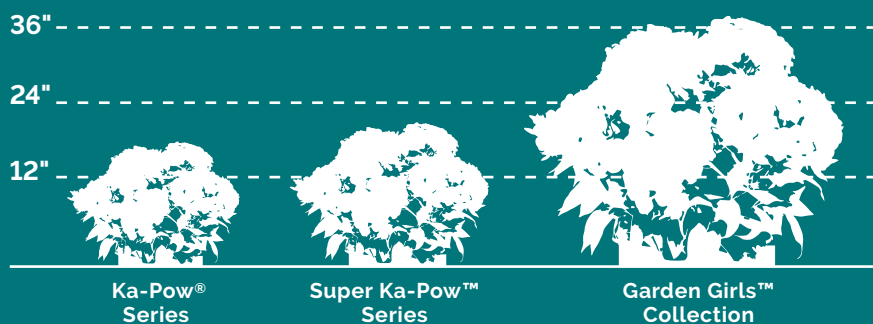
# Summer Phlox

## PAGES 70-72



### Phlox Height Comparisons

*Phlox paniculata*



PHLOX   
(HYBRID PHLOX)  
*Phlox paniculata*

DARWIN PERENNIALS

KA-POW® SERIES  



FirstYearFloweringTool.com  
for easy scheduling

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

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

**Lavender** 'Balkapolav' PP30,780

**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



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

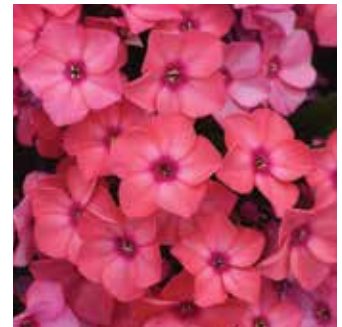
**TOP SELLER Fuchsia**  
Bright fuchsia-pink color.  
'Balsukafus' PP33,005

 **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*

**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'



**TOP SELLER**

Polemonium 'Golden Feathers'

**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.



Rosmarinus Blue Cascade

**ROSMARINUS** 🌞  
**(ROSEMARY)**

*Rosmarinus officinalis*

**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.

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!



# RUDBECKIA SUNTACULAR



# Salvia

## PAGES 76-80



Salvia 'Rose Marvel'  
Page 76



Salvia Mirage  
Cherry Red  
Pages 79



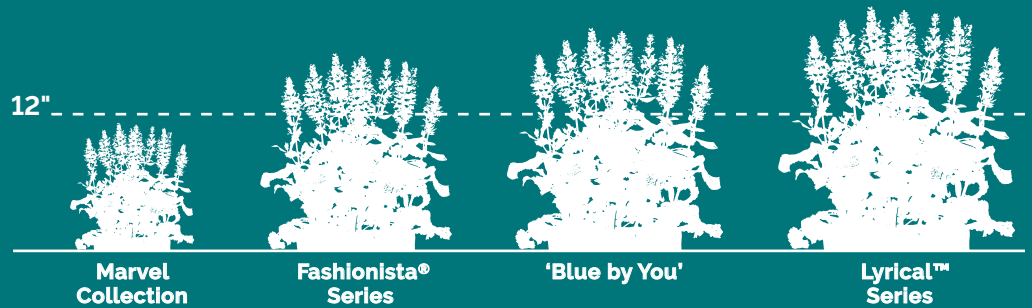
Salvia Lyrical  
Blues  
Page 77

### Salvia Height Comparisons

*Salvia nemorosa*

24"

12"



Marvel  
Collection

Fashionista®  
Series

'Blue by You'

Lyrical™  
Series



Salvia 'Radio Red'  
Page 80



Salvia 'Blue By You'  
Page 78



**TOP SELLER**

Salvia 'Rose Marvel'



Salvia 'Sky Blue Marvel'

**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

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

**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.

**DARWIN PERENNIALS**

**'SKY BLUE 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  
PP30.658

- 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.

**DARWIN PERENNIALS**

**'BLUE 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  
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.



Salvia 'Blue Marvel'

# SALVIA LYRICAL™

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 left)



Rose



White

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**<sup>®</sup>  
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**

Cherry Red



Blue



Burgundy



Hot Pink



Pink



Rose Bicolor



Salmon



Violet



White



**TOP SELLER**

Deep Purple

**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   
(SAGE)

*Salvia greggii*

DARWIN PERENNIALS

'RADIO RED'   



FirstYearFloweringTool.com  
for easy scheduling

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

**Bloom Months:** March to September

**USDA Hardiness Zones:** 7a to 10b

PP26,362

**TOP SELLER**

Blooms all Summer long –  
nice in containers.

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

Blooms all Summer  
long – nice in  
containers.



**TOP SELLER**

# SALVIA 'RADIO RED'





**NEW**

Sedum Lemon Sparkle

**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.



DarwinPerennials.

Sedum What A Doozie

**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.



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 Shamrock

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 Prima Angelina

# 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.



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](https://www.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

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 FINISHING GUIDE

PAGE	CROP	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT- CANDLES	WATERING	FERTILIZATION
16	<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.
15	<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.
18	<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.
18	<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.
19	<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.
17	<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	No	3,000 to 5,000	Moderate	Use a balanced fertilizer at a rate of 150 to 175 ppm N.
19	<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.
20	<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.
20	<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.
20	<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.
20	<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.
20	<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.
21	<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.
21	<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.
21	<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.
21	<b>COREOPSIS</b> <i>Coreopsis hybrida</i>	Sunfetti 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.
22	<b>COREOPSIS</b> <i>Coreopsis hybrida</i>	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.
23	<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.
24	<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.
24	<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.
24	<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.
24	<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.
25	<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.

	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
	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
	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
	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
	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
	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

# DARWIN PERENNIALS FINISHING GUIDE

PAGE	CROP	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT- CANDLES	WATERING	FERTILIZATION
27	<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.
30	<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.
28-29	<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.
31	<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.
32	<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.
32	<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.
33	<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.
33	<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.
36	<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
36	<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.
36	<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
34	<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.
34	<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.
34	<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.
35	<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.
35	<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.
37	<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.
38	<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.
38	<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.
38	<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.
42-43	<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 to 1.2
42-43	<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 to 1.2
42-43	<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 to 1.2
42-43	<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 to 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
	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
	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
	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
	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

# DARWIN PERENNIALS FINISHING GUIDE

PAGE	CROP	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT- CANDLES	WATERING	FERTILIZATION
42-43	<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 to 1.2
42-43	<b>HEMEROCALLIS</b> <i>Hemerocallis 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 to 1.2
42-43	<b>HEMEROCALLIS</b> <i>Hemerocallis hybrida</i>	DayScape™ Peach Flame	5.8 - 6.2	45 to 80°F (7 to 27°C)	Long day facultative	No	5,000 - 8,000ftc	Moderate	Maintain EC of 1.0 to 1.2
42-43	<b>HEMEROCALLIS</b> <i>Hemerocallis 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
42-43	<b>HEMEROCALLIS</b> <i>Hemerocallis 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 to 1.2
40	<b>HEUCHERA</b> <i>Heuchera hybrid</i>	Everglow Midnight	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	1500 to 2,500	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.
39	<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	1500 to 2,500	Allow media to dry slightly between watering.	Use a balanced fertilizer at a rate of 100 to 125 ppm.
40	<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	1500 to 2,500	Moderate	Use a balanced fertilizer at a rate of 125 to 150 ppm N.
41	<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.
44	<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.
46	<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.
46	<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.
50	<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.
47	<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.
49	<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.
48	<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.
51	<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.
52	<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.
54	<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.
55	<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.
59	<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.
58	<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.
58	<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.

	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	29-32 in. (74-81 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	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
	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
	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

# DARWIN PERENNIALS FINISHING GUIDE

PAGE	CROP	SERIES/ VARIETY	MEDIA PH	TEMPERATURE	DAYLENGTH	VERNALIZATION REQUIRED	LIGHT LEVELS IN FOOT- CANDLES	WATERING	FERTILIZATION
61	<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.
64	<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.
62	<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.
63	<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.
65	<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.
67	<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.
68	<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.
70	<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.
71	<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.
73	<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.
74	<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.
79	<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.
80	<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.
78	<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.
77	<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.
76	<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.
82	<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.
81	<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.
82	<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.
81	<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.
83	<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.
84	<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.
85	<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.
86	<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	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
	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/chloromequat 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
	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
	One pinch, two to three weeks after transplant.	PGRs generally not needed	Generally pest and disease free.	Unrooted: 10-12 wks Rooted: 6 wks	Unrooted: 12-14 wks Rooted: 8-10 wks	Not recommended	2-4 in. (5-10 cm)	3-9	
	One pinch, two to three weeks after transplant.	PGRs generally not needed. B9 is effective if needed, especially under lower light conditions	Generally pest and disease free.	Unrooted: 10-12 wks Rooted: 6 wks	Unrooted: 12-14 wks Rooted: 8-10 wks	Not recommended	7-10 in. (18-25 cm)	5-9	July to August
	One pinch, two to three weeks after transplant.	PGRs generally not needed	Generally pest and disease free.	Unrooted: 10-12 wks Rooted: 6 wks	Unrooted: 12-14 wks Rooted: 8-10 wks	Unrooted: 15-17 wks Rooted: 10-12 wks	3-6 in. (8-15 cm)	4-9	Non-flowering
	One pinch, two to three weeks after transplant.	PGRs generally not needed	Generally pest and disease free.	Unrooted: 10-12 wks Rooted: 6 wks	Unrooted: 12-14 wks Rooted: 8-10 wks	Not recommended	2-5 in. (5-13 cm)	5-9	July to August
	Typically not required		Not particularly sensitive. Use well-drained media.	Rooted: 4-6 wks	Rooted: 6-8 wks	10-12 wks	2-5 in. (5-13 cm)	4-8	June to July
	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
	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	
<b>LATE WINTER</b>	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™	
	Viola Halo	Viola Halo	Viola Halo	
<b>EARLY SPRING</b>	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 Lyrical™, Marvel, Mirage™	
	Veronica Moody Blues®	Veronica Moody Blues®	Veronica Moody Blues®	
	Viola Halo	Viola Halo	Viola Halo	
<b>SPRING</b>	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	Coreopsis UpTick™, Sunfetti Yellow Bicolor	Coreopsis UpTick™, Sunfetti Yellow Bicolor	
	Coreopsis 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	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 Rock Candy®, Mountain Treats™, Summit Sweets™	Penstemon Rock Candy®, Mountain Treats™, Summit Sweets™	
	Penstemon Rock Candy®, Mountain Treats™, Summit Sweets™	Phlox Candy Cloud™	Phlox Candy Cloud™	
	Phlox Candy Cloud™	Salvia Lyrical™, Marvel	Salvia Lyrical™, Marvel	
	Salvia Lyrical™, Marvel	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™				



# REGIONAL TOP PICKS *continued*

This chart highlights top varieties from Darwin Perennials that will grow best in each season and region.

FLOWERING SEASON	PACIFIC NORTHWEST	SOUTHEAST	SOUTHWEST	
SUMMER*	Achillea Milly Rock™, New Vintage™	Achillea Milly Rock™, New Vintage™	Achillea Milly Rock™, New Vintage™	
	Agastache Summerlong™	Agastache Summerlong™	Agastache Summerlong™	
	Armeria Dreameria®	Armeria Dreameria®	Armeria Dreameria®	
	Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu®	Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu®	Caryopteris 'Gold Crest', 'Emerald Crest', Grand Bleu®	
	Digitalis Arctic Fox™	Digitalis Arctic Fox™	Digitalis Arctic Fox™	
	Gaillardia Guapa	Gaillardia Guapa	Gaillardia Guapa	
	Heliopsis 'Sunstruck'	Heliopsis 'Sunstruck'	Heliopsis 'Sunstruck'	
	NEW Hemerocallis DayScape™	NEW Hemerocallis DayScape™	NEW Hemerocallis DayScape™	
	Lavender 'SuperBlue', Primavera	Kniphofia Glowstick	Kniphofia Glowstick	
	Leucanthemum Make My Daisy™, 'Whitecap'	Lavender 'SuperBlue'	Lavender 'SuperBlue'	
	Monarda Balmy™	NEW Panicum Dream Catcher®, NEW Schizachyrium Free Spirit®	NEW Panicum Dream Catcher®, NEW Schizachyrium Free Spirit®	
	Nepeta Prelude™ Blue	Perovskia 'CrazyBlue'	Perovskia 'CrazyBlue'	
	NEW Panicum Dream Catcher®, NEW Schizachyrium Free Spirit®	Phlox Ka-Pow®, Super Ka-Pow™	Phlox Ka-Pow®, Super Ka-Pow™	
	Perovskia 'CrazyBlue'	Rosmarinus Blue Cascade	Rosmarinus Blue Cascade	
	Phlox Ka-Pow®, Super Ka-Pow™	Rudbeckia Suntacular	Rudbeckia Suntacular	
	Rosmarinus Blue Cascade	Salvia Lyrical™, Marvel	Salvia Lyrical™, Marvel	
	Rudbeckia Suntacular	Sedum NEW Lemon Sparkle, Shamrock	Sedum NEW Lemon Sparkle, Shamrock	
	Salvia Lyrical™, Marvel	Veronica Moody Blues®, Skyward™		
	Sedum Shamrock			
	Veronica Moody Blues®, Skyward™			
FALL*	Achillea Milly Rock™, New Vintage™	Achillea Milly Rock™, New Vintage™	Achillea Milly Rock™, New Vintage™	
	Agastache Summerlong™	Agastache Summerlong™	Agastache Summerlong™	
	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®	
	Coreopsis UpTick™	Coreopsis UpTick™	Coreopsis UpTick™	
	Digitalis Arctic Fox™	Digitalis Arctic Fox™	Digitalis Arctic Fox™	
	Echinacea Sombrero®, Double Scoop™	Echinacea Sombrero®, Double Scoop™	Echinacea Sombrero®, Double Scoop™	
	Helianthus 'Autumn Gold'	Helianthus 'Autumn Gold'	Helianthus 'Autumn Gold'	
	Heuchera Carnival, NEW Everglow	Heuchera Carnival, NEW Everglow	Heuchera Carnival, NEW Everglow	
	Lavender 'SuperBlue', Primavera	Kniphofia Glowstick	Kniphofia Glowstick	
	Miscanthus Bandwidth	Miscanthus Bandwidth	Miscanthus Bandwidth	
	NEW Panicum Dream Catcher®, NEW Schizachyrium Free Spirit®	NEW Panicum Dream Catcher®, NEW Schizachyrium Free Spirit®	NEW Panicum Dream Catcher®, NEW Schizachyrium Free Spirit®	
	Penstemon Rock Candy®	Penstemon Rock Candy®	Penstemon Rock Candy®	
	Perovskia 'CrazyBlue'	Perovskia 'CrazyBlue'	Perovskia 'CrazyBlue'	
	Rudbeckia Suntacular	Rudbeckia Suntacular	Rudbeckia Suntacular	
	Salvia Lyrical™, Marvel, Mirage™	Salvia Lyrical™, Marvel, Mirage™	Salvia Lyrical™, Marvel, Mirage™	
	Sedum Shamrock	Sedum NEW Lemon Sparkle, Shamrock	Sedum NEW Lemon Sparkle, Shamrock	

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

	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'
	Lavender 'SuperBlue', Primavera	NEW Hemerocallis DayScape™	Lavender 'SuperBlue', Primavera	NEW Hemerocallis DayScape™
	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™	Perovskia 'CrazyBlue'	NEW Panicum Dream Catcher®, NEW Schizachyrium Free Spirit®
	Phlox Ka-Pow®, Super Ka-Pow™	NEW Panicum Dream Catcher®, NEW Schizachyrium Free Spirit®	Phlox Ka-Pow®, Super Ka-Pow™	Perovskia 'CrazyBlue'
	Rosmarinus Blue Cascade	Perovskia 'CrazyBlue'	Rosmarinus Blue Cascade	Phlox Ka-Pow®, Super Ka-Pow™
	Rudbeckia Suntacular	Phlox Ka-Pow®, Super Ka-Pow™	Rudbeckia Suntacular	Rosmarinus Blue Cascade
	Salvia Lyrical™, Marvel	Rosmarinus Blue Cascade	Salvia Lyrical™, Marvel	Rudbeckia Suntacular
	Sedum Shamrock	Rudbeckia Suntacular	Sedum NEW Lemon Sparkle, Shamrock	Salvia Lyrical™, Marvel
	Veronica Moody Blues®, Skyward™	Salvia Lyrical™, Marvel	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™
	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.



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# Your Liner Sources

Order Darwin Perennials liners and check live inventory at [starrosesandplants.com/startrack](https://starrosesandplants.com/startrack).

**Ball Tagawa**

*Arroyo Grande, CA*

**Creek Hill Nursery**

*Leola, PA*

**Emerald Coast Growers**

*Pensacola, FL*

**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*

**Qualitree Propagators, Inc.**

*Chilliwack, BC, Canada*

**Raker-Roberta's**

**Young Plants**

*Litchfield, MI*

**Swift Greenhouses, Inc.**

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