Welcome to the 2022 Darwin Perennials catalog. This year, we’re bringing more innovations to our product assortment than ever before, including NEW Buddleia Chrysalis™, a five-color series with continuous blooming. Winter hardiness and pollinator power!

We are proud to offer high-quality cuttings from our Darwin Colombia farm. Through our partnership with labs around the world, we are able to provide you with a reliable supply of Stage 3 Tissue Culture, available for some of our most popular varieties like NEW Heuchera ‘Big Top Caramel Apple’. For more information on our Tissue Culture products, see pages 9-15.

Our team of perennial experts always strives to provide you with solutions for any grower challenge. One stand-out resource is our new interactive First-Year-Flowering Tool, which helps you schedule a wide range of our first-year-flowering perennials! Turn to page 126 or visit FirstYearFloweringTool.com for more information.

For product details, program selection and more, contact your Ball Seed® Sales Representative today!

Sincerely,
Seth Reed
Sales & Marketing Manager
630 588-3473
SReed@darwinperennials.com

DARWIN PERENNIALS VARIETIES

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See page 152 for full product index.
NEW FOR 2022

Check out these outstanding new introductions to our ever-expanding perennial lineup.

Artemisia SunFern™ Collection, page 30
Buddleia Chrysalis™ Series, page 34
Coreopsis UpTick™ Red, page 41
Delosperma Ocean Sunset™ Series, page 44
Heuchera ‘Big Top Caramel Apple’, page 15
Heuchera ‘Carnival Burgundy Blast’ and ‘Carnival Cinnamon Stick’, page 15
Lysimachia ‘Firefly’ and ‘Night Light’, page 68
Monarda Bee-Mine™ Series, page 71
Nepeta Prelude™ Purple, page 78
Phlox Ka-Pow® Soft Pink, page 87
Phlox Super Ka-Pow™ Blue and Coral, page 88
Verbena ‘Homestead Hot Pink’, page 115
Growers are often faced with the challenge of having few shade perennial options. That’s why the Darwin Perennials team of experts have carefully curated our new shade program – a range of shade-loving varieties with your growing success in mind. Through innovative breeding, these perennials ensure:

- Low-sun requirements
- Unique shapes
- Vibrant colors
- Low-maintenance, easy care
- Many can endure full-sun, too

With these plants, the end consumer can embrace their shaded gardens with an array of options. Here are a few of our new shade varieties to choose from:

**NEW Heuchera ‘Big Top Caramel Apple’** is perfect for shade landscapes and significantly larger than our Carnival series. See page 15 for more information.

**NEW Heuchera ‘Carnival Burgundy Blast’** and ‘Carnival Cinnamon Stick’, novel additions to the standout Carnival series, offer a high leaf count for a faster finishing time than other Heuchera on the market. To view the full series, turn to page 14.

**NEW Lysimachia ‘Firefly’** and ‘Night Light’ are two new groundcovers with striking foliage and yellow flowers that offer continuous blooming all Summer long. These varieties will truly light up the shade, turn to page 68 to learn more.
We are proud to continue our partnership with Walters Gardens, and this season, there are many showstopping introductions spanning across several classes joining the lineup. Here is a sample of their exciting offering:

**Aster ‘Grape Crush’,** page 31

**NEW Buddleia ‘Gold Drop’** and **NEW ‘Violet Cascade’,** page 36

**Leucanthemum ‘Whoops A Daisy’,** page 64

**NEW Nepeta ‘Picture Purrfect’,** page 76

**Phlox Garden Girls™ ‘Uptown Girl’,** page 89

**NEW Sedum ‘Night Light’** and **NEW ‘Strawberry Milkshake’,** page 109

**NEW Veronica ‘Purple Leia’,** page 118

As a leading North American perennial young plant supplier, Walters Gardens offers some of the finest-quality varieties available as unrooted cuttings out of Darwin Colombia.
We are excited to continue building on this lasting partnership. After years of rigorous trialing and testing, you can count on Must Have Perennials to provide you with only the best.

Don’t miss these must-have varieties in this year’s catalog:

- **Achillea Little Moonshine**, page 22
- **Centaurea ‘Amethyst in Snow’**, page 37
- **Euphorbia ‘Bonfire’**, page 47
- **Leucanthemum Freak!**, page 65
- **Rudbeckia ‘Viette’s Little Suzy’**, page 95
Our long-standing partnership with Florensis allows us to broaden our network and provide the most exciting, innovative varieties on the market. Florensis has been providing professional growers with excellent plant propagation materials and solutions since 1941. We are pleased to offer a wide assortment of their top-quality varieties in this catalog.

Take a look at some of these stand-out perennials:

- **Achillea Milly Rock™ Series**, page 23
- **Eupatorium Euphoria™ Ruby**, page 46
- **Leucanthemum Ooh La™ LaGrande** and ‘LaSpider’, page 66
- **Salvia Sensation™ Medium Deep Blue** and **Deep Rose**, page 100
- **Veronica Venice Blue**, page 116
The Darwin Colombia farm is centered on sustaining and extending the quality, reliability and consistency you’d expect from Darwin Perennials. We are focused on investing in long-term growth of our infrastructure and facilities to support our customers well into the future.

**Sustainability**

We are proud to announce that Darwin Colombia has achieved the MPS-A+ certification, the highest level MPS offers in environmental accreditation, providing our customers with exceptional products while also reducing our environmental impact.

One example of our sustainable practices is the use of recycled water on our crops, with 70-80% of Darwin Colombia water usage being sourced from filtered rainwater collection.

**People**

We continue to invest in the health, safety and well-being of our employees. This means ensuring reliable transportation to and from work, providing access to healthcare, offering classrooms and coursework in English and other educational opportunities, and more. We care for our employees, and in return you will see the pride and care they put into every order.

Darwin Colombia team member with an AutoStix strip
Facilities & Construction

The addition of our new elite stock block with 2.5 acres of newly constructed, state-of-the-art greenhouses is now planted with stock plants and ready to meet the growing demand for our perennials.

We have also increased our capacity to ship unrooted and AutoStix® cuttings with the expansion of our cold room. It can now handle and sustain exact temperature-controlled maintenance of cuttings post-harvest, during packing and prior to shipment – for the best possible conditions and the highest-quality cuttings.

Innovation

Darwin Colombia has invested in launching a new callused Lavender program for 2022.

The benefits of callused cuttings are:
• Reduced crop time by up to 2 weeks
• Uniform rooting
• Less or no losses in propagation
• Better durability with less dehydration in shipping
• Less mist is required than standard URC

The advancements at our farm ensure sustainability not just for today, but also for a successful future.
DARWIN PERENNIALS TEAM

These industry-leading perennial experts understand the challenges in the perennial marketplace and provide innovative solutions to support your growing success.

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Tissue culture is a propagation method that uses plant materials in a growing medium to grow new plantlets. These plant materials are developed in a tightly controlled, sterile environment.

Benefits of this process:

• Only a small amount of plant tissue is required.
• Plants can be produced in labs all year long, and in a short amount of time.
• Labs are able to produce commercial amounts, reducing the time to market.
• TC is a good alternative for certain classes that are difficult to produce in other forms.
• New plantlets are more likely to be free of viruses and diseases due to sterile conditions.

The four stages of the process:

Stage 1 – Initiation of tissue culture.
Stage 2 – Plant is in vitro with minimal root system, similar to unrooted cuttings.
Stage 3 – Plants are in vitro and have roots. Plants must be finished off in the greenhouse.
Stage 4 – Plants are hardened off in soil and ready to be transplanted.

With over a decade of experience, the Darwin Perennials team of experts has streamlined our TC processes and supply chain for your growing success. We’ve partnered with leading labs throughout the world to provide high-quality, reliable tissue culture for some of our most popular varieties – including one of the first perennial All-America Selections Winners, Echinacea Sombrero® Baja Burgundy. See pages 10-15 to view our full listing of tissue culture initiated plants.
Echinacea Sombrero Series

- Adobe Orange
- Baja Burgundy
- Flamenco Orange
- Lemon Yellow
- Blanco
- Fiesta Orange
- Sangrita
- Rosada
- Salsa Red
- Granada Gold

Product information and culture charts at darwinperennials.com
Echinacea Sombrero Poco™ Series

**First Year Flowering**
- **Height:** 14 to 16 in. (36 to 41 cm)
- **Bloom Months:** June to August
- **USDA Hardiness Zones:** 4b to 9b

Available as stage 3 tissue culture and as tissue culture-raised liners

Sombrero introduces a compact series featuring the same exceptional Winter hardiness, excellent branching and proven landscape performance.

- Sturdy, compact plants are covered in blooms with bright, rich colors.
- Poco is compact for better forcing and greenhouse growing performance.
- Unique, non-fading flowers last for weeks.
- Well-matched in habit and timing.
- Plant Sombrero Poco in the Spring and sell it the same year.

**Hot Coral**
Formerly known as Sombrero Hot Coral, this variety fits the Sombrero Poco series due to its compact habit.

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

**TOP SELLER**
- **Yellow**
  - **'Balsompocel'** US7,982,110; US PAF

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

**Blanco**
- **'Balsomblanca'**

**Fiesta Orange**
Bold, non-fading orange with single and semi-double characteristics. **'Balsomor'** PP AF; US7,982,110

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

**Granada Gold**
Rich, golden yellow, non-fading color. **'Balsomold'** PP30,115; US7,982,110

**TOP SELLER**
- **Lemon Yellow**
  - Wide, overlapping petals and compact habit. **'Balsomemy'** PP30,116; US7,982,110

**Rosada**
Bright rose-pink flowers with dark purple stems. Suitable for garden and cut flower use. **'Balsomosa'** PP AF; US7,982,110

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

**TOP SELLER**
- **Sangrita** Scarlet-red with burgundy-red flower stems. **'Balsomata'** PP30,138; US7,982,110

**Summer Solstice**
Bright yellow flowers with a white ring around the center cone. **'Balsomsolst'** PP31,818; US7,982,110

**Tango Tangerine**
Beautiful coral-salmon color. **'Balsomotan'** PP31,844; 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

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**AT-A-GLANCE HEIGHT COMPARISON**

- **24”**
  - Sombrero Poco™ Series
  - Sombrero® Series

---

To order, please see back cover.
ECHINACEA DOUBLE SCOOP SHOWS MORE FLOWERS AND SUPERIOR BRANCHING AT RETAIL.

ECHINACEA DOUBLE SCOOP™ SERIES

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

Available as stage 3 tissue culture and as tissue culture-raised liners

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

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

Bubble Gum ‘Balscblum’ PP23,103; US7,982,110
TOP SELLER Cranberry ‘Balscanery’ PP24,769; US7,982,110
TOP SELLER Lemon Cream ‘Balsclemc’ PP27,858; US7,982,110
TOP SELLER Mandarin ‘Balscanin’ PP28,640; US7,982,110
TOP SELLER Orangeberry ‘Balscobar’ PP23,145; US7,982,110
TOP SELLER Raspberry ‘Balsceras’ PP23,117; US7,982,110

To order, please see back cover.
CARNIVAL

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

AT-A-GLANCE HEIGHT COMPARISON

Heuchera x hybrida

- Carnival Series
  - 20"
- 'Big Top Caramel Apple'
  - 10"

Product information and culture charts at darwinperennials.com
**HEUCHERA**  
(ORAL BELLS)  
Heuchera x villosa

**CARNIVAL SERIES**

**DARWIN PERENNIALS**

**Height:** 16 to 18 in. (41 to 46 cm)  
**Bloom Months:** April to May  
**USDA Hardiness Zones:** 4a to 9a  
Available as stage 3 tissue culture and as tissue culture-raised liners

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

- 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.
- Foliage is rabbit resistant.

**'Carnival Black Olive'**  
NEW  
'Burgundy Blast'  
'Burgundy-red color.  
‘Carnival Cocomint’  
PP24,927  
‘Carnival Coffee Bean’  
‘Carnival Fall Festival’

**'Carnival Limeade'**  
PP24,899  
‘Carnival Peach Parfait’

**'Carnival Plum Crazy'**  
TOP SELLER  
‘Carnival Rose Granita’  
TOP SELLER  
‘Carnival Watermelon’  
PP24,803

**'Carnival Coffee Bean'**  
PP24,943  
‘Carnival Fall Festival’  
‘Carnival Limeade’  
‘Carnival Peach Parfait’  
‘Carnival Plum Crazy’

**'Carnival Cocomint'**  
PP24,927  
‘Carnival Fall Festival’  
‘Carnival Limeade’  
‘Carnival Peach Parfait’  
‘Carnival Plum Crazy’

**'Carnival Coffe Bean'**  
P24,927  
‘Carnival Fall Festival’  
‘Carnival Limeade’  
‘Carnival Peach Parfait’  
‘Carnival Plum Crazy’

**'Carnival Fall Festival'**  
New leaves emerge red-burgundy and mature to a caramel color.

**'Carnival Limeade'**  
PP24,899  
‘Carnival Peach Parfait’

**'Carnival Plum Crazy'**  
TOP SELLER  
‘Carnival Rose Granita’

**'Carnival Rose Granita'**  
TOP SELLER

**'Carnival Watermelon'**  
PP24,803

**'Big Top Caramel Apple'**  
NEW FOR 2022

**DARWIN PERENNIALS**

**Height:** 15 to 16 in. (41 to 46 cm)  
**Bloom Months:** April to May  
**USDA Hardiness Zones:** 4a to 9a  
Available as stage 3 tissue culture and as tissue culture-raised liners  
PPAF

*Large Heuchera delivers big performances and a carnival of 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.
- Foliage is rabbit resistant.

To order, please see back cover.
On-Shore URCs & Liners

**Dianthus**

We are proud to partner with Green Leaf Plants – the nation’s best and largest producer of Dianthus cuttings. Their many years of experience provides a reliable and consistent supply of On-Shore produced cuttings. This supply also ensures our vegetative liner network has high-quality inputs to produce high-quality liners – giving you two great options that can best fit your style of production.

Part of our On-Shore program is our tried and true Mountain Frost™ Collection, featuring nine bold colors that rebloom consistently from early Spring until Fall. Plus, these varieties require no vernalization to flower. Through our partnership with Green Leaf Plants, we are able to offer you a true perennial landscape performing Dianthus.

**Grasses**

We strive to provide you with the perfect solutions in perennial grasses, like non-invasive Miscanthus as well as Schizachyrium that won’t fall over when in bloom while still providing interest when not in bloom. We’ve partnered with some of the best liner producers in North America to successfully bring these novel products to market.

Take a look at our full assortment of On-Shore products on pages 17-19.
MISCANTHUS  
(JAPANESE SILVER GRASS, MAIDEN GRASS)  
*Miscanthus sinensis*

**BANDWIDTH**

*Darwin Perennials*

- **Height:** 30 to 36 in. (76 to 91 cm)  
- **Bloom Months:** October to November  
- **USDA Hardiness Zones:** 5a to 9b  
- Available as a liner only  
  - ‘NCMS2B’ CPMIRF; 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.

**MY FAIR MAIDEN**

*Darwin Perennials*

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

A non-invasive, infertile hybrid Maiden Grass.

- Ideal for dramatic backgrounds in the landscape.

**PANICUM**  
(SWITCH GRASS)  
*Panicum virgatum*

**RUBY RIBBONS**

- **Height:** 24 to 36 in. (61 to 91 cm)  
- **Bloom Months:** September to October  
- **USDA Hardiness Zones:** 4a to 9a  
- Available as a liner only  
  - ‘RR’ PP17,944

Lovely blue-green foliage emerges in the Spring, maturing to a wine-red color by mid-Summer. The perfect accent grass for large containers and beds.
MOUNTAIN FROST™

Dianthus Mountain Frost Pink Twinkle

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

(CHINA PINKS, CHEDDAR PINKS)

Dianthus hybrid

**MOUNTAIN FROST™ COLLECTION**

**DIANTHUS**

First Year Flowering

Height: Varies by Variety

Bloom Months: March to October

USDA Hardiness Zones: 4b to 9a

Available as URCs or liners

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. 'KonD1003K3' PP30,190

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

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

**Rose Bouquet**
Height: 10 to 12 in. (25 to 30 cm) Extra-large, deep rose flowers with deep green foliage. 'KonD1044K2' PP30,374

**Ruby Glitter**
Height: 6 to 8 in. (15 to 20 cm) Non-fading red blooms with cream-white blotches and silver foliage. 'KonD1400K4' PP30,274

**Ruby Snow**
Height: 6 to 8 in. (15 to 20 cm) Silver-blue foliage and white blooms with red eyes. Flowers don’t fade in the heat or sun. 'KonD1400K4' PP30,662

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

**White Twinkle**
Height: 5 to 6 in. (13 to 15 cm) Bright, bicolor white and pink flowers with silvery-green foliage. 'KonD1060K7' PP30,218

To order, please see back cover.
FIND MORE THAN 600 POPULAR, UNROOTED VARIETIES FROM DARWIN COLOMBIA IN THIS A-Z LISTING AND GET GROWING!

A-Z Unrooted
NEW VINTAGE™

Achillea New Vintage Rose

NEW VINTAGE™ SERIES

ACHILLEA (YARROW) Achillea millefolium

DARWIN PERENNIALS

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

Tidy plant habit with no gap between foliage and flowers – outstanding in containers.
• Bold colors mature to attractive shades instead of fading to brown like other varieties.
• Great for late-Spring, 1-gal. programs.

Red ‘Balvinred’ PP25,618
Rose ‘Balvinrose’ PP25,712
TOP SELLER Violet ‘Balviolett’ PP25,750
White ‘Balvinwite’ PP25,711

To order, please see back cover.
ACHILLEA (YARROW) Achillea

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

Large, deep yellow heads are excellent for drying.

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

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

ACHILLEA (YARROW) Achillea millefolium

ACHILLEA (YARROW)

LITTLE MOONSHINE

MUST HAVE PERENNIALS

Height: 9 to 12 in. (23 to 30 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4a to 8b
‘ACB20002’ PP28,179

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

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

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

SEDUCTION SERIES

MUST HAVE PERENNIALS

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

Excellent flowering uniformity with remarkably dense columnar habit.

‘Saucy Seduction’ PP20,782
‘Strawberry Seduction’ PP18,401
‘Sunny Seduction’ PP20,808

MUST HAVE PERENNIALS

ACHILLEA

Product information and culture charts at darwinperennials.com
ACHILLEA
(YARROW)
Achillea millefolium

MILLY ROCK™ SERIES

FLORENSIS, B.V.

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
Rose 'FLORACHRO1' PP31,620
Yellow 'FLORACHYE0' PPAF

MILLY ROCK is a U.S. trademark of Florensis, B.V.
ACHILLEA (YARROW)  
*Achillea millefolium*

**SONG SIREN™ ‘LAYLA’**

DARWIN PERENNIALS  
First Year Flowering  
**Height:** 20 to 22 in. (51 to 56 cm)  
**Bloom Months:** June to July  
**USDA Hardiness Zones:** 4a to 9b  

Color as inspired as the song it’s named for!  
- Rich color in a garden-height Achillea.  
- Color holds up well in the garden.  
- Ideal for 1 or 2-gal. Summer programs.

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

Outstanding compact habit is sturdy and full, with excellent flowering uniformity.  
- ‘Apricot Delight’ PP18,738  
- ‘Pink Grapefruit’ PP20,741  
- ‘Pomegranate’ PP20,763

**MOON DUST**

DARWIN PERENNIALS  
First Year Flowering  
**Height:** 12 to 14 in. (30 to 36 cm)  
**Bloom Months:** June to July  
**USDA Hardiness Zones:** 5a to 8b  

‘Novaachdus’ PP25,838  

Compact habit is perfect for containers.  
- Soft yellow blooms.  
- Silvery-green foliage.  
- Blends well with other colors in the garden.
ACHILLEA (YARROW)

Achillea

SASSY SUMMER SERIES

WALTERS GARDENS

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

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

‘Sassy Summer Lemon’ Bright sunny yellow flowers. PP31,693

‘Sassy Summer Sangria’ Bright yellow flowers contrast with intense silvery foliage. PP31,754

‘Sassy Summer Silver’ Bright yellow flowers contrast with intense silvery foliage. PP31,755

‘Sassy Summer Sunset’ PP31,412

‘Sassy Summer Taffy’ PP31,755

ACHILLEA (YARROW)

Achillea ptarmica

‘PETER COTTONTAIL’

WALTERS GARDENS

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

Low, mounding habit with singular, white flower clusters.

AGASTACHE (MEXICAN HYSSOP)

Agastache hybrid

‘PURPLE HAZE’

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

Cool violet-blue flowers last into Fall.

AGASTACHE

To order, please see back cover.

25
### AGASTACHE (ANISE HYSSOP)
 **Agastache aurantiaca**

#### ‘MANGO TANGO’

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

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

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

#### ‘PEACHIE KEEN’

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

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

#### ‘ROSIE POSIE’

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

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

‘LITTLE ADDER’
First Year Flowering
Height: 15 to 18 in. (38 to 46 cm)
Bloom Months: April to September
USDA Hardiness Zones: 5a to 9b
PP26,514

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

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

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

Deep bronze foliage topped by blue flower spikes.

**Ajuga 'Burgundy Glow'**

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

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

**Ajuga 'Bronze Beauty'**

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

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

**Ajuga 'Mahogany'**

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

Dark burgundy to black foliage with bright blue flowers.

**Ajuga 'Silver Queen'**

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

Blue flower spikes over white and green variegated leaves.

**Ajuga 'Valfredda'**

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

**Ajuga Chocolate Chip**

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

Dwarf form with shiny, nearly black leaves with neat, scalloped edges and violet-blue flowers.
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.

To order, please see back cover.
SUNFERN™

ARTEMISIA
(RUSSIAN WORMWOOD)
Artemisia gmelinii

SUNFERN™ COLLECTION
NEW FOR 2022
DARWIN PERENNIALS

Height: 14 to 18 in. (36 to 46 cm)
Bloom Months: Non-flowering
USDA Hardiness Zones: 4a to 9a

SunFern is a novel collection with fern-like texture that resembles an evergreen shrub – the perfect accent plant.

• This unique herbaceous perennial works as a companion plant in containers or as an accent plant in the landscape.
• Plants are non-invasive and won’t spread.
• Low-maintenance, drought-tolerant, Zone-4 hardy Artemisia.
• SunFern features fern-like textures that thrive in sunny locations.

Arcadia Features medium green leaves.

'Olympia' Dark green leaves with red stems.

Olympia 'Balfernlym' PPAF

ARTEMISIA Product information and culture charts at darwinperennials.com
**ARTEMISIA**
*A. arborescens* 'POWIS CASTLE'
- **Height**: 24 to 30 in. (61 to 76 cm)
- **Bloom Months**: July
- **USDA Hardiness Zones**: 5a to 9b

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

**ARTEMISIA**
*A. schmidtiana* 'SILVER MOUND'
- **Height**: 6 to 12 in. (15 to 30 cm)
- **Bloom Months**: July
- **USDA Hardiness Zones**: 3a to 8b

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

**ARTEMISIA**
*A. stelleriana* 'SILVER BROCADE'
- **Height**: 8 to 10 in. (20 to 25 cm)
- **Bloom Months**: July
- **USDA Hardiness Zones**: 3a to 8b

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

**ARTEMISIA**
*A. dracunculus sativa* FRENCH TARRAGON
- **Height**: 16 to 24 in. (41 to 61 cm)
- **USDA Hardiness Zones**: 4a to 9b

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

**AMSONIA**
*A. x hybrida* 'BLUE ICE'
- **Height**: 16 in. (41 cm)
- **Bloom Months**: May to June
- **USDA Hardiness Zones**: 4a to 9b

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

**ASTER**
*A. novae-angliae* 'GRAPE CRUSH'
- **Height**: 16 to 24 in. (41 to 61 cm)
- **Bloom Months**: August to November
- **USDA Hardiness Zones**: 3a to 8b

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

**ASTER**
*A. x frikartii* 'MOENCH'
- **Height**: 24 in. (61 cm)
- **Bloom Months**: August to September
- **USDA Hardiness Zones**: 4a to 8b

Deep blue flowers measure 2.5 in. (6 cm).
**DREAMERIA®**

Armeria Dreameria ‘Dream Clouds’

**DREAMERIA® SERIES**

**ARMEERIA** (THRIFT, SEA PINKS)

Armeria pseudarmeria

**DREAMERIA® SERIES**

**DARWIN PERENNIALS**

First Year Flowering

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

Bloom Months: March to October

USDA Hardiness Zones: 5a to 9a

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

• Dreameria moves the genus from strictly early-Spring and late-Fall, cool-season perennial to season-long flowering.

• Heat tolerant.

• Tidy habit is perfect for landscape and patio containers.

**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. PPAF

‘Dream Weaver’ A deep rose-pink color. PP30,600

‘Dreamland’ A dark salmon bloom. PP30,601

‘Sweet Dreams’ Attractive lavender-mauve flowers. PP29,612

DREAMERIA is a registered trademark of Plants Management Australia. Image courtesy of Plants Management Australia www.pma.com.au
ARMERIA ★
(THRIFT, SEA PINKS)
Armeria maritima

‘RUBRIFOLIA’
Height: 4 in. (10 cm)
Bloom Months: May to July
USDA Hardiness Zones: 4a to 8b
Pink, globe flowers over thin, green foliage that turns red-purple in Fall.

BUDDLEIA ★
(BUTTERFLY BUSH)
Buddleia davidii

‘BLACK KNIGHT’
Height: 84 in. (213 cm)
Bloom Months: July to September
USDA Hardiness Zones: 5a to 9b
Deep blue-black flowers and silvery foliage.

BUZZ™ SERIES
PLANTHAVEN INT’L, INC.

Height: 30 to 60 in. (76 to 152 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4a to 9b
Long-blooming series is suitable for gallon pots and smaller garden spaces.

Hot Raspberry ‘Tobud1202’
Midnight ‘TODMIDNI’
Sky Blue ‘TODUD0615’ PP23,461
Velvet ‘TODUD0703’ PP23,462

BUZZ is a U.S. trademark of Branded Garden Products Ltd.

HUMDINGER® SERIES
WALTERS GARDENS
Height: 30 to 48 in. (76 to 122 cm)
Bloom Months: August
USDA Hardiness Zones: 5a to 10b

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

‘Lavender Cupcake’ Extremely long, 12-in. (30-cm), light lavender-purple flower panicles. PP28,221
‘Little Angel’ Very long, 10 to 12-in. (25 to 30-cm), pure white flower panicles. PP28,204
‘Magenta Munchkin’ Bold, 7 to 8-in. (18 to 20-cm), fuchsia-red flowers have lighter, eye-type centers. PP28,177
‘Orchid Annie’ Soft, 8-in. (20-cm), orchid-purple flower panicles. PP28,176

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

To order, please see back cover.

BUDDLEIA

DarwinPerennials.
CHRYsalis™

Buddleia Chrysalis Cranberry

BUDDLEIA (BUTTERFLY BUSH)
Buddleia davidii

CHRYSALIS™ SERIES
NEW FOR 2022
DARWIN PERENNIALS

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

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

Blue ‘Balchrylu’ PPAF
Cranberry ‘Balchryran’ PPAF
Pink ‘Balchryink’ PPAF
Purple ‘Balchryurp’ PPAF
White ‘Balchryite’ PPAF

BUDDLEIA
Product information and culture charts at darwinperennials.com
BUDDLEIA (BUTTERFLY BUSH)  
*Buddleia davidii*

**MONARCH® SERIES**

**WALTERS GARDENS**

**Height:** 60 in. (152 cm)

**Bloom Months:** August to September

**USDA Hardiness Zones:** 5a to 10b

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

- **‘Blue Knight’** Outward-facing flower panicles open light lavender-purple and deepen to blue-purple with age, over minty green leaves. PP28,178
- **‘Crown Jewels’** Magenta-purple flowers. PP27,878
- **‘Dark Dynasty’** Rich, royal purple, fragrant flowers. PP27,834
- **‘Glass Slippers’** Silvery-green foliage and icy, periwinkle-blue blossoms. PP27,832
- **‘Prince Charming’** Bright cerise-pink flower spikes. PP28.903
- **‘Princess Pink’** Light appleblossom-pink flower panicles are produced above a round habit of medium green foliage. PPAF
- **‘Queen of Hearts’** Vibrant magenta-red blossoms. PP27,987

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

**‘LILAC CASCADE’**

**WALTERS GARDENS**

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

**Bloom Months:** August to November

**USDA Hardiness Zones:** 5a to 10b

PPAF

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

**‘PINK CASCADE’**

**WALTERS GARDENS**

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

**Bloom Months:** September to October

**USDA Hardiness Zones:** 5a to 10b

PP30,711

Light appleblossom-pink flower panicles cascade downward to form an arching, weeping look.
BUDDLEIA (BUTTERFLY BUSH)  
Buddleia hybrid "GOLD DROP"

NEW FOR 2022  
WALTERS GARDENS

Height: 30 to 36 in. (76 to 91 cm)  
Bloom Months: July to September  
USDA Hardiness Zones: 5a to 10b  
PPAF

Prized for its compact habit and shorter stature. Purple flower panicules are produced all over the dense habit of golden foliage.

BUDDLEIA (BUTTERFLY BUSH)  
Buddleia hybrid "VIOLET CASCADE"

NEW FOR 2022  
WALTERS GARDENS

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

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

BUDDLEIA (BUTTERFLY BUSH)  
Buddleia hybrid "GRAND CASCADE"

WALTERS GARDENS

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

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

CAMPANULA (BELLFLOWER)  
Campanula carpatica "DELFT TEACUPS"

WALTERS GARDENS

Height: 6 to 8 in. (15 to 20 cm)  
Bloom Months: June to August  
USDA Hardiness Zones: 3a to 8b  
PP31,574

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

CAMPANULA (BELLFLOWER)  
Campanula garganica "VIOLET TEACUPS"

WALTERS GARDENS

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

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

CAMPANULA (BELLFLOWER)  
Campanula carpatica "DICKSON'S GOLD"

WALTERS GARDENS

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

Blue, star-shaped flowers on golden foliage.

BUDDLEIA Product information and culture charts at darwinperennials.com  DarwinPerennials.
CAMPANULA (BELLFLOWER)  
Campanula portenschlagiana

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

A dwarf form with pale blue flowers.

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

The main characteristic of this cultivar is its compact habit compared to other selections. It remains compact and the spread fits well in containers.

CAMPANULA (BELLFLOWER)  
Campanula poscharskyana

BLUE WATERFALL
MUST HAVE PERENNIALS
Height: 8 in. (20 cm)
Bloom Months: May to July
USDA Hardiness Zones: 4a to 9b
‘Camgood’ PP13,161

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

CENTAUREA (CORNFLOWER)  
Centaurea montana

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

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

‘AMETHYST IN SNOW’
MUST HAVE PERENNIALS
Height: 14 in. (36 cm)
Bloom Months: June to July
USDA Hardiness Zones: 3a to 9b
PP18,284

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

CAMPANULA (BELLFLOWER)  
Campanula ‘Port Plus’

CARYOPTERIS (BLUEBEARD)  
Caryopteris clandonensis

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

Purple flowers complement dark green foliage.

To order, please see back cover.  CARYOPTERIS
CARYOPTERIS (BLUEBEARD)  
*Caryopteris x clandonensis*

**'GOLD CREST'**

*DARWIN PERENNIALS*

*First Year Flowering*

*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.

**GRAND BLEU®**

*DARWIN PERENNIALS*

*First Year Flowering*

*Height:* 48 in. (122 cm)

*Bloom Months:* August to October

*USDA Hardiness Zones:* 6a to 9b

**‘Invernis’ PP17,837**

*One of the best blue Caryopteris on the market.*

- Deep purple-blue flower clusters.
- Compact, upright plant habit.
- Blooms until first frost.
CERATOSTIGMA (LEADWORT)
Ceratostigma plumbaginoides

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

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

CHRYSOGONUM (GREEN & GOLD)
Chrysogonum virginianum

‘PIERRE’

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

Yellow daisy flowers on soft green foliage clumps.

COREOPSIS (TICKSEED)
Coreopsis auriculata

‘NANA’

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

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

COREOPSIS (TICKSEED)
Coreopsis rosea

‘AMERICAN DREAM’

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

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

COREOPSIS (TICKSEED)
Coreopsis hybrida

‘ELECTRIC SUNSHINE’

First Year Flowering
Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: June to November
USDA Hardiness Zones: 8a to 9a
PP30,975

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

‘GOLDEN STARDUST’

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

This Coreopsis is carefree and easy to grow!
- Produces abundant, star-shaped flowers throughout the growing season.
- Self-branching.
- Mildew resistant.
- Excellent heat tolerance.

SOLANNA™ GOLDEN SPHERE

DANZIGER ‘DAN’ FLOWER FARMS
Height: 8 in. (20 cm)
Bloom Months: May to September
USDA Hardiness Zones: 5a to 9b
‘DECOREO16’ PP25,241

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

SOLANNA is a U.S. trademark of Danziger ‘Dan’ Flower Farms.
COREOPSIS (TICKSEED)  
Coreopsis hybrida

‘SUPER STAR’  
DARWIN PERENNIALS

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

Largest flowers – 2.5 to 3 in. (6 to 8 cm) – of any Coreopsis on the market.
• Similar habit and garden performance to UpTick™.
• Mildew resistant.

SUPER STAR

Coreopsis ‘Super Star’ (top)  
‘Golden Stardust’ (bottom)
UPTICK™ SERIES

DARWIN PERENNIALS

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

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

- Tidy, mounded habit is easier to ship and shows better at retail.
- Keeps its shape – and color – in the landscape all Summer long.
- Cream is a clean, creamy white that’s much sought-after for landscape design.
- Low maintenance and very mildew resistant.

Cream: ‘Balupsteam’ PP28,964
Cream & Red: ‘Balupteamed’ PP28,866
TOP SELLER Gold & Bronze: ‘Baluptgoz’ PP28,882
NEW Red: Nearly fully red in Spring; red with yellow petal tips in Summer. Mounded habit is similar to Yellow & Red. ‘Baluptred’ PP2AF
TOP SELLER Yellow & Red: ‘Baluptowed’ PP28,865

To order, please see back cover.
**Coreopsis Sunny Day**

First Year Flowering
Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4a to 9b

'Balcosunay' PP17,405

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

**Coreopsis Crème Caramel**

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

'Novcorcar' PP22,565

Equally at home in mass plantings or containers.
- Terracotta-colored blooms and narrow, bright green foliage.
- Mixes well with other perennials and roses.
- Compact and dense habit.

**Coreopsis 'Sylvester'**

First Year Flowering
Height: 16 to 20 in. (38 to 51 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4a to 9b

PP24,767

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

**Coreopsis 'Zagreb'**

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

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

**Coreopsis 'Crème Brulee'**

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

PP16,096

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

**'MOONBEAM'**

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

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

**CRÈME CARAMEL**

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

'Novcorcar' PP22,565

Equally at home in mass plantings or containers.
- Terracotta-colored blooms and narrow, bright green foliage.
- Mixes well with other perennials and roses.
- Compact and dense habit.

**COREOPSIS (TICKSEED)**

Coreopsis grandiflora

**SUNNY DAY**

DARWIN PERENNIALS

Must Have Perennials

**'CRÈME BRULEE'**

Coreopsis verticillata

Coreopsis Sunny Day

Coreopsis ‘Crème Brulee’

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

*Crazy Cayenne* Fiery sunset-orange flowers with red-orange concentrated at the centers cover the gray-green foliage. PPAF

*Curry Up* Golden yellow flowers with clear, dark red eyes over bright green foliage. PP28,521

*Hot Paprika* Rich, deep red flowers and bright green foliage. PPAF

*Red Hot Vanilla* Cream flowers with a dark red central eye that covers most of the flower as it ages. PP30,909

*Sassy Saffron* PP31,393

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

SIZZLE & SPICE® SERIES

WALTERS GARDENS

Height: 15 to 18 in. (38 to 46 cm)

Bloom Months: July

USDA Hardiness Zones: 5a to 9b

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

*Crazy Cayenne* Fiery sunset-orange flowers with red-orange concentrated at the centers cover the gray-green foliage. PPAF

*Curry Up* Golden yellow flowers with clear, dark red eyes over bright green foliage. PP28,521

*Hot Paprika* Rich, deep red flowers and bright green foliage. PPAF

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*Sassy Saffron* PP31,393

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

© The John Henry Company
Ocean Sunset has a high flower count per plant, with the largest flowers of any Delosperma, on a great habit. This series gives an outstanding performance in pots, with showy flowers that close at night and open mid-morning. The intense, vivid colors are ideal in rock gardens and borders. These varieties are very drought tolerant once established.

Orange Glow 'T18-7' PPAF
Orange Vibe 'T18-2' PPAF
Violet 'T18-5' PPAF

DELOSPERMA (ICE PLANT)
Delosperma hybrid

WHEELS OF WONDER™ SERIES
CONCEPT PLANTS, B.V.
Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5a to 9b

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

Golden Wonder 'WOW2011-1' PP26,684
Hot Pink Wonder 'WOWDRY1' PP26,157
Violet Wonder 'WOWDRW5' PP25,572

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

DELOSPERMA (ICE PLANT)
Delosperma rubigenum

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

Spreading, succulent leaves and deep yellow flowers.
ARCTIC FOX ROSE

DIGITALIS (FOXGLOVE)
Digitalis hybrida

ARCTIC FOX ROSE
DARWIN PERENNIALS

First Year Flowering
Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: April to September; Natural season flowering
USDA Hardiness Zones: 5a to 9a
‘Balroxose’ PP31,900

TOP SELLER This beautiful hybrid Digitalis offers much needed Winter hardiness for northern growers, plus Summer-long flowering for southern growers.
• Adds amazing impulse color for perennial tables.
• Flowers all season long.
• Ideal for 2.5-qt. and 1.5-gal. pot sizes.

To order, please see back cover.
‘LITTLE JOE’

DARWIN PERENNIALS

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

Strong, sturdy stems won’t flop!
• Dwarf variety with green foliage and lavender-pink flowers.
• Large clusters of flowers in Summer dry to attractive light brown seed head in Fall.
• Tolerates seasonally wet to rather dry sites.

EUPHORIA™ RUBY

FLORENSIS, B.V.
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, and will have a bloom time extending well into late-Summer and Fall. One of the first compact Eupatorium for the modern garden landscape. Very attractive to pollinators and butterflies. Ideal for 2.5-qt. and 1-gal, pot sizes.

EUPHORIA is a U.S. trademark of Florensis, B.V.
**EUPATORIUM (JOE-PYE WEED)**
*Eupatorium maculatum*

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

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

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

'BOWLES ME AWAY'
- Height: 18 to 24 in. (46 to 61 cm)
- Bloom Months: March to September
- USDA Hardiness Zones: 6a to 9b

PP29,380

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

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

**EUPHORBIA (SPURGE)**
*Euphorbia polychroma*

'BONFIRE'
- Height: 10 in. (25 cm)
- Bloom Months: May to July
- USDA Hardiness Zones: 5a to 9b

PP18,585

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

**GALIUM (SWEET WOODRUFF)**
*Gallium odoratum*

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

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

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

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

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

**EUPHORBIA (SPURGE)**
*Euphorbia x martini*

'ASCOT RAINBOW'
- Height: 18 to 24 in. (46 to 61 cm)
- Bloom Months: April to May
- USDA Hardiness Zones: 6a to 9b

PP21,401

Vigorous variety has very colorful, variegated foliage and a tidy appearance.

**GALIUM (SWEET WOODRUFF)**
*Gallium odoratum*

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

‘Walgaupf’ PP15,555

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

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

**Gaura Walberton's Pink Fountain**
- Height: 24 to 36 in. (61 to 91 cm)
- Bloom Months: May to September
- USDA Hardiness Zones: 6a to 9b

PP15,555

Vigorous variety has very colorful, variegated foliage and a tidy appearance.

Vigorous variety has very colorful, variegated foliage and a tidy appearance.

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

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

'SME-2' PP17,293

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

**Gaura Walberton's Pink Fountain**
- Height: 24 to 36 in. (61 to 91 cm)
- Bloom Months: May to September
- USDA Hardiness Zones: 6a to 9b

‘Walgaupf’ PP15,555

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

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

**WALBERTON'S® PINK FOUNTAIN**
- Height: 24 to 36 in. (61 to 91 cm)
- Bloom Months: May to September
- USDA Hardiness Zones: 6a to 9b

‘Walgaupf’ PP15,555

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

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

**DARWIN PERENNIALS**

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

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

---

'WHISKERS DEEP ROSE'

**DARWIN PERENNIALS**

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

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

**DARWIN PERENNIALS**

**First Year Flowering**

**Height:** 12 to 18 in. (30 to 46 cm)

**Bloom Months:** April to September

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

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

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

**Rose** ‘Baltinrose’ PP14,635

**White** ‘Baltincite’ PP20,326

**BELLEZA® SERIES**

**SELECTA ONE**

**Height:** 12 to 18 in. (30 to 46 cm)

**Bloom Months:** April to September

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

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

**Compact Light Pink** ‘KLEGL06261’ CPBR3667

**Dark Pink** ‘KLEAU04263’ CPBR2860

**White** One of the most compact, well-branched white Gauras on the market. ‘KLEGL14844’

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

**GAUDI™ SERIES**

**FLORENSIS, B.V.**

**Height:** 12 in. (30 cm)

**Bloom Months:** June to October

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

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

**Pink** ‘Florgaucomp1’

**Red** ‘Florgaure’ PP26,518

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

**HEDERA (ENGLISH IVY)**

**Hedera helix**

**ENGLISH IVY**

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

**USDA Hardiness Zones:** 5a to 10b

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

**‘THORNDALE’**

**Height:** 3 to 5 in. (8 to 13 cm)

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

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

To order, please see back cover.

**HEDERA** 49
HELENIUM (SNEEZE WEED)
Helenium autumnale

SALUD™ SERIES
DARWIN PERENNIALS

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

Stunning Summer-into-Fall garden flowers for late-season sales.
- Very compact, making them great for containers.
- Well-branched habit will hold up to weather in the landscape.
- Vibrant colors stand out at retail.
- No vernalization required for bulking or flowering.

TOP SELLER  Embers ‘Balsaluemb’ PP30,617
Golden ‘Balsaluglo’ PP30,616
Yellow ‘Balsalulow’ PP30,771

Product information and culture charts at darwinperennials.com
**HELIANTHUS**
*(NARROW-LEAVED SUNFLOWER)*
*Helianthus angustifolius*

**'AUTUMN GOLD'**
**DARWIN PERENNIALS**
First Year Flowering
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**
*(OX-EYE)*
*Heliopsis helianthoides*

**'SUNSTRUCK'**
**DARWIN PERENNIALS**
First Year Flowering
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.
HELIOPSIS (OX-EYE)
Heliopsis helianthoides

'LORNAE SUNSHINE'
MUST HAVE PERENNIALS
Height: 30 in. (76 cm)
Bloom Months: June to September
USDA Hardiness Zones: 4a to 9b

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

HYPERICUM (ST. JOHN’S Wort)
Hypericum calycinum

MIRACLE SERIES
RENE VAN GALEN, B.V.
Height: 15 to 18 in. (38 to 46 cm)
Bloom Months: May to July
USDA Hardiness Zones: 5a to 9b

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

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

Grandeur ‘Allgrandeur’ PP27,125
 Horizon ‘ALLBLOMMOS’ PP28,118
Primo ‘Allprimo’ PP28,011

Hypericum 'Loraine Sunshine'
Hypericum calycinum
Hypericum Miracle Grandeur
Hypericum Miracle Horizon
Hypericum Miracle Primo

HELIOPSIS Product information and culture charts at darwinperennials.com

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**SUMMER SNOWDRIFT**

IBERIS (CANDYTUFT)  
Iberis hybrid  

**‘SUMMER SNOWDRIFT’**  
DARWIN PERENNIALS  

**First Year Flowering**  
**Height:** 10 to 12 in. (25 to 30 cm)  
**Bloom Months:** May to October  
**USDA Hardiness Zones:** 6b to 9a  
PP30,713

Pure white flowers have an extremely long flowering window for a longer selling season.  
- No vernalization needed for flowering.  
- Extend the Iberis selling window in the South.  
- Use as an alternative to Lobularia in mixed containers.  
- High heat tolerance.  
- Tender perennial in the South, great annual in the North.

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SNOWSATION

Iberis 'Snowsation'

**IBERIS** *(EVERGREEN CANDYTUFT)*

Iberis sempervirens

**'SNOWSATION'**

**DARWIN PERENNIALS**

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

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

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

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<th>Bloom Months</th>
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Product information and culture charts at darwinperennials.com
**'ALEXANDER'S WHITE'**
Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: March to April
USDA Hardiness Zones: 3a to 8b

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

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

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

**LAMIASTRUM (YELLOW ARCHANGEL)**
*Lamiastrum galeobdolon*

**'HERMAN'S PRIDE'**
Height: 6 in. (15 cm)
Bloom Months: April to May
USDA Hardiness Zones: 3a to 8b

Trailing habit of green and silver leaves with yellow flowers.

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

Silver-spotted foliage with yellow flowers in Spring.

**LAMIUM (SPOTTED DEADNETTLE)**
*Lamium maculatum*

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

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

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

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

**'ORCHID FROST'**
PLANTHAVEN INT'L, INC.
Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: April to May
USDA Hardiness Zones: 4a to 9b

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

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

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

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

PP15,890
Snapdragon-like flowers with rich purple spikes that contrast with bright silver foliage; robust habit.

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

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

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

Soft pink flowers – excellent for shaded borders or containers.

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

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

To order, please see back cover.
LAVENDER
Expand Your Lavender Program & Extend Your Growing Season

Spanish Lavender

Kick off your Lavender season in early Spring with Spanish Lavender varieties such as the Anouk series (hardy to Zone 6). Spanish Lavender are tender perennials that flower under short days and generally require a cool treatment to flower – ensuring their best performances in the cooler, early Spring season. Although this class generally cycles out of flower in the Summer heat, these Mediterranean natives perform very well in the landscape. Spanish Lavender are also known for their sweet, piney scent and are very showy with pineapple-shaped flowers and colorful flags, ranging from white to rose to deep purple. The perfect impulse buy for consumers!

**Lavender Primavera – All-Season Performer**
One exception in the Spanish Lavender class is Lavender Primavera. This variety shows Spanish Lavender characteristics as a tender perennial with Zone-7 hardiness and extremely showy, rich purple bracts, but it does not require cool treatment to flower and offers strong performances well into Summer! With this season extender, growers and retailers can offer a versatile Spanish Lavender for Fall programs and even Christmas and Valentine’s Day events.

English Lavender

As the days start to get warmer and longer, it’s time to transition your Lavender program to more English Lavenders, such as ‘SuperBlue’ and ‘Annet’. These *angustifolia* types will cover your traditional, sweetly scented Lavender needs, with the classic flower form used for drying, oils, potpourri and more. Most English Lavender are first-year-flowering perennials, making it easy to schedule for targeted sales dates. Though some will cycle out of flower in the southern Summer heat, many of these Zone-5 hardy varieties will flower all season long in most North American regions – making them outstanding landscape plants.

For more information, continue on to the next page and explore our entire Lavender offering.
LAVANDULA
(ENGLISH LAVENDER)
Lavandula angustifolia

Lavandula 'Annet'

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

Long-flowering English Lavender offers stiff, upright stems for no breakage at shipping.
- Holds up to shipping and remains healthy at retail.
- No vernalization required.
- Large flowers throughout the heat of Summer.
- An excellent addition for bouquets.
- Ideal for 2.5-qt. and 2-gal. pot sizes, as well as 3-qt. drop-in.

Lavandula 'SuperBlue'

DARWIN PERENNIALS
First Year Flowering
Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: April to September
USDA Hardiness Zones: 5a to 8b
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 (ENGLISH LAVENDER)**

*Lavandula angustifolia*

**BIG TIME BLUE**

CONCEPT PLANTS, B.V.

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

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

**‘BLUE CUSHION’**

MUST HAVE PERENNIALS

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

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

**‘HIDCOTE’**

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

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

**‘MUNSTEAD’**

Height: 14 to 18 in. (36 to 46 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5a to 9b

‘Munstead’

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

**PLATINUM BLONDE™**

MOMPARLER ALBORS

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

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

**‘VERA’**

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

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

**LAVANDULA (FRENCH LAVENDER)**

*Lavandula dentata*

**‘GROSSO’**

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

Fragrant and wonderful addition to scent gardens.

**‘PROVENCE’**

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

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

**‘GOODWIN CREEK GREY’**

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

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

**LAVANDULA (FERNSLEAF LAVENDER)**

*Lavandula pinnata*

**‘GROSSO’**

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

Fragrant and wonderful addition to scent gardens.

**‘PROVENCE’**

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

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

**LAVANDULA (LAVENDER)**

*Lavandula x ginginsii*

**‘GOODWIN CREEK GREY’**

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

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

**LAVANDULA (FERNSLEAF LAVENDER)**

*Lavandula pinnata*

**‘GROSSO’**

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

Fragrant and wonderful addition to scent gardens.

**‘PROVENCE’**

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

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

**LAVANDULA (LAVENDER)**

*Lavandula x ginginsii*
LAVANDULA
(Spanish Lavender)
Lavandula stoechas

PRIMAVERA
DARWIN PERENNIALS

First Year Flowering
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’ CPBRAF; PPAF

TOP SELLER
This Spanish Lavender flowers throughout Summer and Winter to extend the Spanish Lavender season!

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

To order, please see back cover.
LAVANDULA (SPANISH LAVENDER)
Lavandula stoechas

ANOUK SERIES

DARWIN PERENNIALS

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

Outstanding in containers and landscapes.

• Reblooming Spanish Lavenders have excellent weather tolerance and retail shelf life.
• High resistance to foliar disease.

'Anouk' Dark violet flower spikes topped by clear purple flags. CPBR3299; PP16,685

Anouk Supreme Flowers one week earlier than ‘Anouk’. ‘Anouk Deluxe 901’ CPBR5638; PP26,495

Anouk Deep Rose Deep rose flags on lavender-rose flowers. ‘Anouk Deluxe 179’ CPBR6616; PP26,493

Double Anouk Double lavender flags on purple flowers. ‘Anouk Deluxe 1205’ CPBR6174; PP28,264

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

Lavandula ‘Anouk’

Lavandula Anouk Supreme

Lavandula Double Anouk

Lavandula Anouk Deep Rose

Lavandula ‘Silver Anouk’

Product information and culture charts at darwinperennials.com
LAVANDULA (SPANISH LAVENDER) 
Lavandula stoechas

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

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

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

Outstanding weather and humidity tolerance.
• Stands up to boxing and shipping better than other Spanish Lavenders.
• Very resistant to foliar disease.
**LAVANDULA (SPANISH LAVENDER)**
* Lavandula stoechas

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

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

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

Compact growth habit with flower spikes high above the foliage.

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

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

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

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

- **First Year Flowering**
- **Height:** 14 to 16 in. (36 to 41 cm)
- **Bloom Months:** March to October
- **USDA Hardiness Zones:** 5a to 9a

PPAF

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.

To order, please see back cover.
Leucanthemum 'Cream Puff'

*WALTERS GARDENS*

**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 'Whoops A Daisy'

*WALTERS GARDENS*

**Height:** 15 in. (38 cm)
**Bloom Months:** July
**USDA Hardiness Zones:** 5a to 9b
**PP27,259**

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

Leucanthemum 'Cream Puff'

Leucanthemum 'Whoops A Daisy'
**FREAK!®**

**MUST HAVE PERENNIALS**

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

Fluffy-looking flowers on compact, well-branched plants make a real garden showstopper.  
FREAK! is a U.S. registered trademark of Syngenta Participations AG.

**‘SANTÉ’**

**WALTERS GARDENS**

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

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

**‘SPOONFUL OF SUGAR’**

**WALTERS GARDENS**

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

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

**‘WHITE MAGIC’**

**DARWIN PERENNIALS**

**First Year Flowering**

**Height:** 20 to 24 in. (51 to 61 cm)  
**Bloom Months:** May to August  
**USDA Hardiness Zones:** 5b to 9b  
PP29,737

Large, semi-double, white flowers have a very long blooming season.  
• Bred and selected for an extended flowering window.  
• No deadheading is required for reblooming.
**LEUCANTHEMUM (SHASTA DAISY)**
*Leucanthemum x superbum*

**OHH LA™ SERIES**

**FLORENSIS, B.V.**

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

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

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

**‘GRACE WARD’**
- **Height:** 8 to 12 in. (20 to 30 cm)
- **Bloom Months:** March to April
- **USDA Hardiness Zones:** 6a to 8b

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

**‘HEAVENLY BLUE’**
- **Height:** 8 to 12 in. (20 to 30 cm)
- **Bloom Months:** March to April
- **USDA Hardiness Zones:** 6a to 8b

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

LYSIMACHIA (LYSIMACHIA, MONEYWORT)  
*Lysimachia nummularia*

**‘GOLDILOCKS’**
- **Height:** 2 to 4 in. (5 to 10 cm)
- **USDA Hardiness Zones:** 3a to 10b

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

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

Bright golden flowers on upright stems with variegated cream and green leaves.
LYSIMACHIA (MONEYWORT) Lysimachia alfredii

‘NIGHT LIGHT’
NEW FOR 2022
DARWIN PERENNIALS

First Year Flowering
Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: Year round depending on location
USDA Hardiness Zones: 5a to 9a
PPAF

Shade-loving, flowering groundcover.
• Provides a colorful mound of attractive foliage and bright yellow flowers.
• ‘Night Light’ brightens up shade gardens.
• Foliage turns burgundy in the shade.
• Offers continuous flowering from Spring until hard frost in Fall.

LYSIMACHIA (MONEYWORT) Lysimachia congestiflora

‘FIREFLY’
NEW FOR 2022
DARWIN PERENNIALS

First Year Flowering
Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: Year round depending on location
USDA Hardiness Zones: 5b to 9a
PPAF

An excellent flowering groundcover for the shade.
• Burgundy foliage and continuously blooming, bright yellow flowers.
• Prefers shady locations.
• Works as an accent plant, mixing well with other varieties.
SWEET MARJORAM  
*Origanum majoranum*

**HORTENSIS**
- **Height:** 12 to 24 in. (30 to 61 cm)
- **Bloom Months:** July to September
- **USDA Hardiness Zones:** 8b to 10a

This popular culinary herb features scented foliage and works best in soups and stews. Plant this upright, heat-tolerant Marjoram in full sun.

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

**'KENTUCKY COLONEL’**
- **Height:** 24 in. (61 cm)
- **USDA Hardiness Zones:** 3a to 7b

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

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

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

**MOROCCAN**
- **Height:** 18 to 24 in. (46 to 61 cm)
- **Bloom Months:** July to August
- **USDA Hardiness Zones:** 5b to 11

Low-maintenance, upright plant; use this scented mint in culinary dishes. Works best in a container for non-invasive growing.

**MENTHA (MOROCCAN MINT)**
*Mentha* spicata var. *crispa*

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

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

**PINEAPPLE VARIEGATED**
- **Height:** 24 in. (61 cm)
- **USDA Hardiness Zones:** 6a to 9b

Green and white variegated leaves with sweet pineapple scent.

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

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

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

Very fragrant orange mint with a neat, attractive habit.

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

Deliciously spicy scent – great for tea.

**PEPPERMINT UPRIGHT**
- **Height:** 16 in. (41 cm)
- **USDA Hardiness Zones:** 3a to 7b

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

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

Nice strawberry scented mint. Pink flower.

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

**AFTER EIGHT**
- **Height:** 12 in. (30 cm)
- **USDA Hardiness Zones:** 3a to 7b

Green foliage with an excellent chocolate mint flavor.

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

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

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

Very fragrant orange mint with a neat, attractive habit.

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

Deliciously spicy scent – great for tea.

**PEPPERMINT UPRIGHT**
- **Height:** 16 in. (41 cm)
- **USDA Hardiness Zones:** 3a to 7b

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

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

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

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

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

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

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

Monarda Balmy Pink

AT-A-GLANCE HEIGHT COMPARISONS
Monarda didyma

- Balmy™ Series
- Bee-Mine™ Series
- Sugar Buzz® Series

24" 12"

Balmy™ Series Bee-Mine™ Series Sugar Buzz® Series
BEE-MINE™

Monarda Bee-Mine Lavender

NEW FOR 2022
DARWIN PERENNIALS

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

Excellent early-flowering, medium-height Monarda.

- Series height reaches 15 to 18 in. (38 to 46 cm).
- High disease resistance to mildew.
- Deer and rabbit resistant.
- Uniform first year flowering.

Lavender ‘Balbeemav’ PPAF
Pink ‘Balbeemin’ PPAF
Red ‘Balbeemed’ PPAF

To order, please see back cover.
MONARDA (BEE BALM, BERGAMOT) 
Monarda didyma

**BALMY™ SERIES**

**DARWIN PERENNIALS**

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

**Pollinator power! Native cultivars to North America, with heat and drought tolerance.**

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

**Lilac 'Balbalmac' PP26,594**
**Pink 'Balbalmink' PP26,566**
**TOP SELLER Purple 'Balbalmurp' PP26,561**
**Rose 'Balbalmose' PP26,567**

**Monarda Balmy Lilac**
**Monarda Balmy Pink**
**Monarda Balmy Purple**
**Monarda Balmy Rose**

Product information and culture charts at darwinperennials.com
‘JACOB CLINE’
Height: 48 in. (122 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4a to 9b

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

SUGAR BUZZ® SERIES
WALTERS GARDENS
Height: 14 to 24 in. (36 to 61 cm)
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.

‘Berry Taffy’ Raspberry-pink flowers with bronze-colored bracts. Newest foliage is notably dark. PPAF.

‘Blue Moon’ Lavender-blue flowers are held by attractive, purple bracts. A breakthrough shorter height for this color. PP29,549

TOP SELLER ‘Bubblegum Blast’ Hot pink flowers. PP27,497

‘Cherry Pops’ Cherry-red flowers. PP27,618

TOP SELLER ‘Grape Gumball’ Vibrant magenta flowers. PP27,498

‘Lilac Lollipop’ Lavender-lilac flowers. PP27,571

‘Pink Frosting’ Pastel pink flowers form a carpet of blossoms that completely cover the foliage. PP29,548

‘Rockin’ Raspberry’ Deep raspberry-purple flowers. PP28,752

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

AT-A-GLANCE HEIGHT COMPARISONS
Nepeta x faassenii

- 'Kitten Around'
- 'Purrssian Blue'
- Junior Walker™
- 'Walker’s Low'
- Whispurr™ Series

24”
12”
WHISPURR™

NEPETA
(CATMINT)
Nepeta x faassenii

WHISPURR™ SERIES
DARWIN PERENNIALS
First Year Flowering
Height: 24 to 28 in. (61 to 71 cm)
Bloom Months: April to September
USDA Hardiness Zones: 4a to 9a

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

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

Blue ‘Balpurru’ PPAF
Pink ‘Balpurrink’ PPAF

To order, please see back cover.

DarwinPerennials.
NEPETA (CATMINT)  
*Nepeta hybrid*

**‘PICTURE PURRFECT’**

NEW FOR 2022  
WALTERS GARDENS  
**Height:** 10 to 12 in. (25 to 30 cm)  
**Bloom Months:** June to September  
**USDA Hardiness Zones:** 3a to 8b  

PPAF

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

NEPETA (CATMINT)  
*Nepeta mussinii*

**‘SIX HILLS GIANT’**

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

A robust grower with large, blue flowers.

NEPETA (CATMINT)  
*Nepeta x faassenii*

**‘BLUE WONDER’**

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

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

**‘DROPMORE’**

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

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

NEPETA (CATMINT)  
*Nepeta mussinii*

**‘KITTEN AROUND’**

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

TOP SELLER  

LITTLE TRUDY®  

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

‘Psfike’ PP18.904  

Deep lavender-blue flowers and serrated, narrow, gray-green leaves.  
LITTLE TRUDY is a U.S. registered trademark of Plant Select.

‘WALKER’S LOW’  

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

One of the longest-flowering Catmints. Profuse, blue-purple flowers complement fragrant, silver leaves. Compact mounds spread to 24 in. (61 cm) wide.

Nepeta ‘Blue Wonder’

Nepeta ‘Kitten Around’

Nepeta ‘Picture Purrfect’

Nepeta ‘Six Hills Giant’
Nepeta 'Purrsian Blue'

**NEPETA** *(CATMINT)*

*Nepeta x faassenii*

**PURRSIAN BLUE**

**WALTERS GARDENS**

Height: 14 to 18 in. (36 to 46 cm)

Bloom Months: July

USDA Hardiness Zones: 3a to 8b

PP24,788

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

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**JUNIOR WALKER™**

**DARWIN PERENNIALS**

First Year Flowering

Height: 18 in. (46 cm)

Bloom Months: May to September

USDA Hardiness Zones: 5a to 8b

‘Novanejun’ 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 (JAPANESE CATMINT)  
_Nepeta subsessilis_

**PRELUDE™ SERIES**

**NEPETA**

*PRELUDE™*  
NEW Nepeta Prelude Purple

**NEW Nepeta Prelude Purple**

**New**  
Purple

**NEW**  
Purple

Non-fading, dark purple blooms on an excellent mounding habit. 'Balprelup' PPAF

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**PRELUDE™ SERIES**

**NEPETA**

*PRELUDE™*  
NEW Nepeta Prelude Purple

**NEW Nepeta Prelude Purple**

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**DARWIN PERENNIALS**

**NEPETA**

Product information and culture charts at darwinperennials.com
OENOTHERA (EVENING PRIMROSE)
Oenothera berlandieri

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

OENOTHERA (EVENING PRIMROSE)
Oenothera macrocarpa ssp. fremontii

'SHIMMER'
Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5a to 8b
Papery, lemon yellow flowers and narrow, silvery foliage.

ORIGANUM (ORNAMENTAL OREGANO)
Origanum rotundifolium

'KENT BEAUTY'
Height: 4 in. (10 cm)
Bloom Months: August to September
USDA Hardiness Zones: 5a to 8b
Clusters of hop-like, pendant bracts; color segues from green to mauve-pink.

ORIGANUM (OREGANO)
Origanum vulgare

'AUREUM'
Height: 12 in. (30 cm)
USDA Hardiness Zones: 5a to 9b
Golden Oregano with light lavender-purple flowers and chartreuse, spreading foliage.

ORIGANUM (OREGANO)
Origanum x majoricum

ITALIAN
Height: 18 to 24 in. (46 to 61 cm)
USDA Hardiness Zones: 5a to 9b
Deliciously scented culinary herb.

GREEK
Height: 12 to 28 in. (30 to 71 cm)
USDA Hardiness Zones: 4a to 9b
Strong-growing, hardy strain.

'HOT AND SPICY'
Height: 24 to 30 in. (61 to 76 cm)
USDA Hardiness Zones: 5a to 9b
Highly aromatic scent and spicy flavor. White flowers in Summer.

VARIEGATED
Height: 16 in. (41 cm)
USDA Hardiness Zones: 4a to 9b
Green with creamy variegated edge.
ROCK CANDY®
Penstemon Rock Candy Ruby

Penstemon Rock Candy Blue
Penstemon Rock Candy Light Pink
Penstemon Rock Candy Pink
Penstemon Rock Candy Ruby

Penstemon (Beard Tongue)
Penstemon barbatus

ROCK CANDY® SERIES
DARWIN PERENNIALS
First Year Flowering
Height: 12 in. (30 cm)
Bloom Months: April to September
USDA Hardiness Zones: 5a to 8b

Compact varieties bloom in bold colors...“sweet as candy, tough as nails!”
• Bell-shaped blooms on compact flower spikes.
• Plump panicles stand out against green foliage.
• Fits well at the front of a border, along walkways and in containers.
• Hardy to Zone 5.

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

Product information and culture charts at darwinperennials.com
PENSTEMON
(BEARD TONGUE)
Penstemon digitalis

‘BLACKBEARD’
WALTERS GARDENS
Height: 28 to 34 in. (71 to 86 cm)
Bloom Months: July
USDA Hardiness Zones: 3a to 8b

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

‘ONYX AND PEARLS’
WALTERS GARDENS
Height: 42 in. (107 cm)
Bloom Months: July
USDA Hardiness Zones: 3a to 8b

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

Lavender Bicolor
Rich lavender flowers have a white throat.
‘Balmiblavbi’ PP30.698

Red
Stunning rose-red flowers.
‘Balmibred’ PP30.699

MINI-BELLS™ SERIES
DARWIN PERENNIALS

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

Flowers profusely in early Spring and reblooms in Fall.
• Compact, interspecific Penstemon.
• Full, upright habit.
• Dark green foliage.

Penstemon Mini-Bells Red
Penstemon Mini-Bells Lavender Bicolor
Penstemon ‘Blackbeard’
Penstemon ‘Onyx and Pearls’

To order, please see back cover.
Penstemon 'Cherry Sparks'

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

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

Penstemon (Beard Tongue)
Penstemon hybrida

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

Product information and culture charts at darwinperennials.com
**PENSTEMON**
*Beard Tongue*
Penstemon *hybrida*

**MISSIONBELLS™ DEEP ROSE**

**DARWIN PERENNIALS**

**First Year Flowering**
**Height:** 20 to 24 in. (51 to 61 cm)
**Bloom Months:** June to August
**USDA Hardiness Zones:** 5a to 9b

’Balmibepro’ PP28,852

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

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

**QUARTZ® SERIES**

**DARWIN PERENNIALS**

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

Reblooms throughout the season for high-impact color.

- Sturdy, upright habit.
- Good basal branching.

**Amethyst** ‘Novapename’ PP27,821
**Red** Vivid orange/red variety is very heat tolerant and long flowering. ‘Balquared’ PP32,296
**Rose** ‘Novapenros’ PP27,919

To order, please see back cover.
PENSTEMON (BEARD TONGUE)
Penstemon x mexicali

PIKE'S PEAK PURPLE®
PLANT SELECT
Height: 30 in. (76 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 9b
‘P007S’

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

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

RED ROCKS®
PLANT SELECT
Height: 30 in. (76 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 9b
‘P007S’

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

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

PEROVSKIA (RUSSIAN SAGE)
Perovskia atriplicifolia

LITTLE LACE
DARWIN PERENNIALS
First Year Flowering
Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: July to September
USDA Hardiness Zones: 4a to 9b
‘Novaperlac’ PP26,618

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

‘ROCKETMAN’
WALTERS GARDENS
Height: 30 to 36 in. (76 to 91 cm)
Bloom Months: August
USDA Hardiness Zones: 4a to 9b
PP27,526

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

**‘BLUE JEAN BABY’**

WALTERS GARDENS

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

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

**‘CRAZYBLUE’**

DARWIN PERENNIALS

First Year Flowering

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

**TOP SELLER** Excellent garden performance.

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

To order, please see back cover.
PHLOX

AT-A-GLANCE HEIGHT COMPARISONS
Phlox paniculata

Ka-Pow® Series  Super Ka-Pow™ Series  ‘Cherry Cream’  ‘Nicky’

24”  12”
KA-POW®
Phlox Ka-Pow White Bicolor

PHLOX (HYBRID PHLOX)
Phlox paniculata

KA-POW® SERIES
DARWIN PERENNIALS
First Year Flowering
Height: 16 to 18 in. (41 to 46 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4b to 9a

Ka-Pow packs a punch!
- Compact Phlox paniculata series is well branched and uniform.
- Features vibrant colors and powdery mildew resistance.

Lavender ‘Balkapolav’ PP30,780
Pink ‘Balkapopink’ PP30,779
TOP SELLER Purple ‘Balkapopur’ PP30,781
NEW Soft Pink Clear soft pink color. ‘Balkaposin’ PPAF
White Early-flowering, clear white flower with a slight blush-pink center. ‘Balkapowi’ PPAF
White Bicolor ‘Balkapowibi’ PP30,782

To order, please see back cover.
**SUPER KA-POW™**

Phlox Super Ka-Pow Lavender

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**SUPER KA-POW™ SERIES**

DARWIN PERENNIALS

First Year Flowering

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

Bloom Months: June to August

USDA Hardiness Zones: 4b to 9a

Super-sized for more power!

- 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.

**NEW** Blue 'Balsukalu' PPAF

**NEW** Coral 'Balsukaco' PPAF

**Fuchsia** Bright fuchsia-pink color. 'Balsukafus' PPAF

**Lavender** Vibrant lavender flowers. 'Balsukalav' PPAF

**Pink** Striking pink blooms. 'Balsukapin' PPAF

**White** White flower with a blush-pink eye. 'Balsukawi' PPAF

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**PHLOX**

*(HYBRID PHLOX)*

*Phlox paniculata*

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**PHLOX**

Product information and culture charts at darwinperennials.com
**FASHIONABLY EARLY SERIES**

**WALTERS GARDENS**

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

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

'Fashionably Early Crystal' Pure white flowers with a faint, light purple eye and broad, dark green foliage. PP28,679

'Fashionably Early Flamingo' Perfectly defined panicles of light lavender-pink flowers with broad, thick, bright green foliage. PP29,911

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

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

**GARDEN GIRLS™ COLLECTION**

**WALTERS GARDENS**

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

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

'Cover Girl' Height: 32 to 42 in. (81 to 107 cm) Upright variety with lavender-violet flowers and medium green foliage. PP32,323

**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

'Party Girl' Height: 28 to 32 in. (71 to 81 cm) Dark green foliage and white flowers with star-shaped, light pink centers. PP32,324

'Uptown Girl' Height: 32 to 42 in. (81 to 107 cm) A rose-pink variety with powdery mildew resistance and impressive reblooming. PP32,287

GARDEN GIRLS is a U.S. trademark of Walters Gardens.
PHLOX
(HYBRID PHLOX)

Phlox paniculata

'BABY DOLL PINK'
WALTERS GARDENS
Height: 12 to 16 in. (30 to 41 cm)
Bloom Months: July to August
USDA Hardiness Zones: 4a to 8b
PP32,025

At just 1 ft. (30 cm) tall, this perennial is easy to tuck into small spaces in the garden or for use in containers. Bright pink flowers with a white halo form a mass of blooms on top of the dark green foliage.

'BRIGHT EYES'
Height: 20 to 24 in. (51 to 61 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4a to 8b

'CHERRY CREAM'
DARWIN PERENNIALS
First Year Flowering
Height: 22 to 26 in. (56 to 66 cm)
Bloom Months: June to August
USDA Hardiness Zones: 4b to 9a
PP29,910

A bright display of large, cream and pink flowers with rose eyes that is stunning in the garden.
- Medium-height, self-branching and powdery mildew-resistant Phlox offers uniform production.
- Can be used as cut flowers as well.

'CHERRY CREAM'

'CHERRY CREAM'

'BLACKBERRY CAKE'
WALTERS GARDENS
Height: 12 to 16 in. (30 to 41 cm)
Bloom Months: July to August
USDA Hardiness Zones: 4a to 8b

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

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

Fragrant blooms are pale pink with crimson eye.

'MAGENTA PEARL'
WALTERS GARDENS
Height: 20 to 24 in. (51 to 61 cm)
Bloom Months: July to August
USDA Hardiness Zones: 4a to 8b
PPAF

Lavender pink flowers have a slight halo. Flowers densely pack the habit at peak bloom; excellent reblooming.

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

Intense, deep magenta-purple flower heads.

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

Pale pink flowers and variegated, creamy-white leaves with thin, green centers.

'RED RIDING HOOD'
Height: 22 in. (56 cm)
Bloom Months: July
USDA Hardiness Zones: 3a to 8b

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

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

Brilliant red flowers atop deep bronze/green foliage.

YOUNIQUE SERIES
COMPASS PLANTS, B.V.
Height: 14 to 16 in. (36 to 41 cm)
Bloom Months: June to July
USDA Hardiness Zones: 5a to 9b

Great series of large-flowered, compact garden Phlox.

Old Blue 'Versoldblue' PP26,070
Red 'Versred' PP28,144

Product information and culture charts at darwinperennials.com
PHLOX (HYBRID PHLOX)
Phlox hybrida

**BEDAZZLED SERIES**

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

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

- **‘Bedazzled Lavender’** Lavender flowers with lighter halo centers and a dark purple, star-shaped eye. PP31,668
- **‘Bedazzled Orchid’** Lavender flowers with lighter halo centers and a dark purple eye. PP31,483
- **‘Bedazzled Pink’** PP32,063

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

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

- **Angelina** ‘PPHL07301’ PP23,702
- **Jagger** ‘PHL090201’ PP26,854

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

**ROCKY ROAD SERIES**

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

The perfect Spring groundcover for dry rock gardens.

- **‘Rocky Road Grape’** Red-purple flowers with unique notched petals. PP32,248
- **‘Rocky Road Magenta’** Magenta flowers have a small, dark eye. PP31,485
- **‘Rocky Road Pink’** PP31,486
- **‘Rocky Road Violet Blue’** PP32,288

To order, please see back cover.
PHLOX (HYBRID PHLOX)
Phlox hybrida

'AMETHYST PEARL'

WALTERS GARDENS
Height: 18 in. (46 cm)
Bloom Months: July
USDA Hardiness Zones: 3a to 8b
PP28,487

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

'PINK MINUET'

WALTERS GARDENS
Height: 8 to 10 in. (20 to 25 cm)
Bloom Months: June
USDA Hardiness Zones: 3a to 8b
PP31,170

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

PHLOX (CREEPING PHLOX)
Phlox hybrid

'VIOLET PINWHEELS'

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

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

PHLOX (WOODLAND PHLOX)
Phlox divaricata

'BLUE MOON'

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

Loads of fragrant, dark blue flowers.

'MAY BREEZE'

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

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

Product information and culture charts at darwinperennials.com
PHLOX  (MOSS PHLOX)  *Phlox subulata*

**‘AMAZING GRACE’**
- Height: 4 to 6 in. (10 to 15 cm)
- Bloom Months: March to April
- USDA Hardiness Zones: 3a to 8b

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

**‘CANDY STRIPE’**
- Height: 4 to 6 in. (10 to 15 cm)
- Bloom Months: March to April
- USDA Hardiness Zones: 3a to 8b

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

**‘CORAL EYES’**
- Height: 4 to 6 in. (10 to 15 cm)
- Bloom Months: March to April
- USDA Hardiness Zones: 3a to 8b

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

**‘CRIMSON BEAUTY’**
- Height: 4 to 6 in. (10 to 15 cm)
- Bloom Months: March to April
- USDA Hardiness Zones: 3a to 8b

Rosy-red blooms in early Spring.

**‘DRUMMOND’S PINK’**
- Height: 4 to 6 in. (10 to 15 cm)
- Bloom Months: March to April
- USDA Hardiness Zones: 3a to 8b

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

**‘EMERALD BLUE’**
- Height: 4 to 6 in. (10 to 15 cm)
- Bloom Months: March to April
- USDA Hardiness Zones: 3a to 8b

Clear lavender-blue flowers in early Spring.

**‘EMERALD CUSHION BLUE’**
- Height: 4 to 6 in. (10 to 15 cm)
- Bloom Months: March to April
- USDA Hardiness Zones: 3a to 8b

Lavender-blue flowers on a superior mounding habit.

**‘EMERALD PINK’**
- Height: 4 to 6 in. (10 to 15 cm)
- Bloom Months: March to April
- USDA Hardiness Zones: 3a to 8b

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

**‘EYE CANDY’**
- Height: 4 to 6 in. (10 to 15 cm)
- Bloom Months: June
- USDA Hardiness Zones: 2a to 9b
- PP31,484

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

**‘EYE CARAMBA’**
- Height: 4 to 6 in. (10 to 15 cm)
- Bloom Months: April to June
- USDA Hardiness Zones: 2a to 9b
- PPAAF

‘Eye Caramba’ features medium pink flowers with a red eye. The 0.75-in. (2-cm) flowers are notably larger than typical *Phlox subulata*.

**‘EYE SHADOW’**
- Height: 4 to 6 in. (10 to 15 cm)
- Bloom Months: June
- USDA Hardiness Zones: 2a to 9b
- PP31,169

Perfect groundcover for Spring with a vigorous habit. Vibrant, rosy-purple flowers have a dark purple eye.
PHLOX (MOSS PHLOX)
Phlox subulata

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

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

‘OAKINGTON BLUE EYES’
Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: March to April
USDA Hardiness Zones: 2a to 8b

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

‘PURPLE BEAUTY’
Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: March to April
USDA Hardiness Zones: 2a to 8b

Deep purple blooms.

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

Vigorous, with striking rosy-red flowers in early Spring.

‘RONSDORFER BEAUTY’
Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: March to April
USDA Hardiness Zones: 2a to 8b

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

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

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

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

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

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

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

PHYSOSTEGIA (OBEDIENT PLANT, FALSE DRAGONHEAD)
Physostegia virginiana

AUTUMN CARNIVAL
WALTER BLOM PLANTS, B.V.
Height: 15 to 17 in. (38 to 43 cm)
Bloom Months: August to September
USDA Hardiness Zones: 5a to 9b
‘NICAUCA’ PP29,859

Perfect for Summer flowering programs.

‘MISS MANNERS’
PLANTHAVEN INTL, INC.
Height: 18 to 24 in. (46 to 61 cm)
Bloom Months: June to August
USDA Hardiness Zones: 3a to 9b
PP12,637

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

Product information and culture charts at darwinperennials.com
PRUNELLA (SELF-HEAL)
Prunella hybrid

‘SUMMER DAZE’
PLANTHAVEN INT’L, INC.
Height: 12 to 14 in. (30 to 36 cm)
Bloom Months: June to July
USDA Hardiness Zones: 5a to 7b
PP19,609
Pink flower clusters and attractive oakleaf foliage and habit.

ROSMARINUS (ROSEMARY)
Rosmarinus officinalis

‘ARP’
Height: 60 in. (152 cm)
USDA Hardiness Zones: 7a to 11
Tender perennial with needle-like leaves, woody stems and sparkling blue flowers.

‘BARBECUE’
Height: 36 to 48 in. (91 to 122 cm)
USDA Hardiness Zones: 8a to 11
TOP SELLER Tender perennial has upright habit with long, sturdy stems perfect for skewers.

‘GORIZIA’
Height: 48 to 60 in. (122 to 152 cm)
USDA Hardiness Zones: 8a to 11
Upright, tender perennial with strong, dark green foliage and blue flowers.

‘HUNTINGTON CARPET’
Height: 18 in. (46 cm)
USDA Hardiness Zones: 8a to 11
Prostrate, tender perennial with strong, green foliage and blue flowers.

ROSMARINUS (ROSEMARY)
Rosmarinus officinalis

‘SALEM’
Height: 36 in. (91 cm)
USDA Hardiness Zones: 8a to 11
Tender perennial but hardier than most. Tidy, upright habit.

‘SPICE ISLAND’
Height: 36 to 48 in. (91 to 91 cm)
USDA Hardiness Zones: 8a to 11
Vigorous, tender perennial with thick, sturdy, dark green foliage.

‘TUSCAN BLUE’
Height: 36 in. (91 cm)
USDA Hardiness Zones: 8a to 11
TOP SELLER Tender perennial has bushy, upright, spreading habit and larger leaves than most.

RUDBECKIA (BLACK-EYED SUSAN)
Rudbeckia speciosa

‘VIEETE’S LITTLE SUZY’
MUST HAVE PERENNIALS
Height: 26 to 32 in. (66 to 81 cm)
Bloom Months: July to frost
USDA Hardiness Zones: 4a to 8b
Very floriferous habit, with deep yellow flowers on sturdy stems and beautiful mahogany foliage in fall.

SAGINA (PEARLWORT)
Sagina subulata

‘AUREA’
Height: 2 in. (5 cm)
Bloom Months: May to June
USDA Hardiness Zones: 4a to 7b
Scotch Moss forms a chartreuse groundcover with tiny, white flowers.

‘IRISH MOSS’
Height: 2 in. (5 cm)
Bloom Months: May to June
USDA Hardiness Zones: 4a to 7b
Solid green, tight grower with small, white flowers.
SALVIA

SALVIA AT-A-GLANCE HEIGHT COMPARISONS

Salvia nemorosa

24"

Marvel Collection

Sensation™ Medium & Compact Series

‘Blue by You’

Lyrical™ Series

12"

Salvia 'Blue by You'
**SALVIA (SAGE)**
*Salvia nemorosa*

**'ROSE MARVEL'**
**DARWIN PERENNIALS**

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

PP30, 118

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

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

To order, please see back cover.
**'SKY BLUE MARVEL'**

**DARWIN PERENNIALS**

**First Year Flowering**

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

**Bloom Months:** March to September

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

PP30,658

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

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

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**'BLUE MARVEL'**

**DARWIN PERENNIALS**

**First Year Flowering**

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

**Bloom Months:** March to September

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

CPBR5343; PP27,018

The largest flowers of any *S. nemorosa*!

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

LYRICAL™ SERIES

Salvia nemorosa

**First Year Flowering**
- **Height:** 22 to 24 in. (56 to 61 cm)
- **Bloom Months:** March to September
- **USDA Hardiness Zones:** 4a to 9b

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

- Deeply toned buds and calyaxes 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
**Silvertone** ‘Balyricsil’ PP23,310
**White** ‘Florsalwhite’ PP21,243

To order, please see back cover.
SALVIA
(SAGE)
Salvia nemorosa

**SENSATION™ COMPACT SERIES**
FLORENSIS, B.V.
Height: 12 to 14 in. (30 to 36 cm)
Bloom Months: April to August
USDA Hardiness Zones: 5a to 9b

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

Deep Blue ‘Florsaldblue’ PP21,297
Sky Blue ‘Florsalsbu’
White ‘Florsalcwh’

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

**SENSATION™ MEDIUM SERIES**
FLORENSIS, B.V.
Height: 12 to 14 in. (30 to 36 cm)
Bloom Months: April to August
USDA Hardiness Zones: 5a to 9b

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

Deep Blue ‘Florsaldeep’
Deep Rose ‘Florsaldro’

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

‘TIDAL POOL’
WALTERS GARDENS
Height: 18 to 20 in. (46 to 51 cm)
Bloom Months: May to August
USDA Hardiness Zones: 3a to 8b
PPAF

Bicolor flowers have violet blue hoods and lighter insides. Individual flowers are larger than typical S. nemorosa and cover a low, wide habit.

Salvia Sensation Compact Deep Blue
Salvia Sensation Compact Sky Blue
Salvia Sensation Compact White

Salvia Sensation Medium Deep Blue
Salvia Sensation Medium Deep Rose

Salvia ‘Tidal Pool’

Product information and culture charts at darwinperennials.com
**‘Blue Hill’**

**WALTERS GARDENS**

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

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

**‘Bumbleberry’**

**WALTERS GARDENS**

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: June to July
USDA Hardiness Zones: 3a to 8b
PP31,602

Bees and other pollinators swarm to this perennial in droves. Dark fuchsia-pink flowers with dark wine-purple calyces on a petite habit of attractive deep green foliage. The deep, intense color makes other pink Salvias pale in comparison. This cute, small-sized package is perfect for the front of the border or grown in a quart pot.

**‘Bumbleblue’**

**WALTERS GARDENS**

Height: 12 to 14 in. (30 to 36 cm)
Bloom Months: June to July
USDA Hardiness Zones: 3a to 8b
PP30,084

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

**‘Bumblesky’**

**WALTERS GARDENS**

Height: 14 to 16 in. (36 to 41 cm)
Bloom Months: June to July
USDA Hardiness Zones: 3a to 8b
PP30,085

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

**‘Bumblesnow’**

**WALTERS GARDENS**

Height: 10 to 12 in. (25 to 30 cm)
Bloom Months: June to July
USDA Hardiness Zones: 3a to 8b
PP31,399

Pure white flowers are produced on a petite habit with good reblooming if deadheaded.

**‘Caradonna’**

**WALTERS GARDENS**

Height: 24 to 30 in. (61 to 76 cm)
Bloom Months: Mid-May to July
USDA Hardiness Zones: 4a to 9b

‘Haeumanarc’ PP13,322

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

MARCUS®

RIJNBEEK & ZN, B.V.

Height: 8 to 12 in. (20 to 30 cm)
Bloom Months: Mid-May to July
USDA Hardiness Zones: 4a to 9b

‘MARCUS®’ is a registered trademark of Häussermann Stauden & Gehölze GbR.

Rich, violet-blue flowers on glowing, purple-black stems.
**SALVIA (SAGE)**

**PINEAPPLE SAGE**

*Salvia elegans*

**Height:** 36 in. (91 cm)

**USDA Hardiness Zones:** 8a to 11

Tender perennial with pineapple-scented foliage and red flowers.

**SALVIA (SAGE)**

**‘WENDY’S WISH’**

*Salvia guaranitica*

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

**Bloom Months:** August to frost

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

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

**SALVIA (SAGE)**

**‘BLACK & BLUE’**

*Salvia greggii*

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

**Bloom Months:** August to frost

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

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

**SALVIA (SAGE)**

**‘SANTA BARBARA’**

*Salvia leucantha*

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

**Bloom Months:** Mid-May to July

**USDA Hardiness Zones:** 8b to 10b

PP12,949

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

**SALVIA (SAGE)**

**‘EAST FRIESLAND’**

*Salvia x sylvestris*

**Height:** 18 in. (46 cm)

**Bloom Months:** Mid-May to July

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

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

**SALVIA (SAGE)**

**‘MAY NIGHT’**

*Salvia greggii*

**Height:** 12 to 20 in. (30 to 51 cm)

**Bloom Months:** Mid-May to July

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

‘Mainacht’

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

**SALVIA (SAGE)**

**‘SNOW HILL’**

*Salvia leucantha*

**Height:** 12 to 14 in. (30 to 36 cm)

**Bloom Months:** Mid-May to July

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

Mounded, gray-green foliage with white flowers.

Product information and culture charts at darwinperennials.com
Salvia ‘Radio Red’

Salvia (SAGE)  
Salvia greggii

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

**TOP SELLER**: Blooms all Summer long – nice in containers.
- Finally: a good, true red S. greggii meets demand for this popular color.
- Keeps its color without fading longer than other red varieties.
- Well-branched plants.

Salvia ‘Blue by You’

Salvia (SAGE)  
Salvia hybrida

First Year Flowering
Height: 20 to 22 in. (51 to 56 cm)
Bloom Months: March to September
USDA Hardiness Zones: 4b to 9a
PP31,033

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

To order, please see back cover.
MIRAGE™
Salvia Mirage Neon Rose
Heuchera ‘Carnival Black Olive’
Mentha Pineapple Variegated

Product information and culture charts at darwinperennials.com
**Salvia greggii**: **MIRAGE™ SERIES**

**DARWIN PERENNIALS**

*First Year Flowering*

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

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

- Self-branching, mounded habit resists breaking for easy shipping and less shrink.
- Can be sold as 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. ’Balmireu’ PP28,527

**Burgundy**’Balmirbur’ PP28,537

**TOP SELLER** Cherry Red

’Balmircher’ PP28,527

**Cream** ’Balmircemi’

**TOP SELLER** Deep Purple

’Balmirdepur’ PP28,538

**Hot Pink** ’Balmirhopi’

**Neon Rose** ’Balmirrose’

**Pink** ’Balmirpink’

**Rose Bicolor** Large, rose and cream, bicolor flowers with a rounded habit. Retains its color in the heat. ’Balmirobi’ PP28,539

**Salmon** A deep salmon bloom with a dark calyx. ’Balmirsal’ PP30,720

**Soft Pink** ’Balmirsopin’

**Violet** ’Balmirvio’ PP29,724

**White** Crisp, clear white blooms. ’Balmirwite’

To order, please see back cover.
ARCTIC BLAZE®
Salvia Arctic Blaze Fuchsia

ARCTIC BLAZE® SERIES
First Year Flowering
Height: 24 in. (61 cm)
Bloom Months: March to September
USDA Hardiness Zones: 6a to 11

Bred for improved hardiness and terrific repeat blooming.

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

Fuchsia ‘Novasalfuc’ PP28.619
Purple ‘Novasalpur’ PP28.717
Red ‘Novasalred’ PP28.620

Salvia Arctic Blaze Fuchsia
Salvia Arctic Blaze Purple
Salvia Arctic Blaze Red

Product information and culture charts at darwinperennials.com
SALVIA (GOLDEN SAGE)
Salvia officinalis

‘AUREA’
Height: 24 to 30 in. (61 to 76 cm)
USDA Hardiness Zones: 5a to 8b
Purple Sage has bluish-purple stems and leaves.

‘BERGGARTEN’
Height: 20 to 24 in. (51 to 61 cm)
USDA Hardiness Zones: 5a to 8b
Green, white and pink foliage with habit and scent like rest of species.

GARDEN SAGE
Salvia verticillata

‘PURPURASCENS’
Height: 12 to 24 in. (30 to 61 cm)
USDA Hardiness Zones: 6a to 9b
Purple blooms form globes of individual florets up the stem with spacing between the globes.

‘TRICOLOR’
Height: 12 to 24 in. (30 to 61 cm)
USDA Hardiness Zones: 6a to 10b
Fragrant, gray-green foliage with yellow margins and bluish-purple flowers in Summer.

‘PURPLE RAIN’
Height: 24 in. (61 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5a to 9b

FASHIONISTA SERIES
WALTERS GARDENS

‘Evening Attire’ Drought-tolerant, blue variety. PP32,573
‘Moulin Rouge’ Rose-pink variety. PP32,387

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

‘Ballerina Pink’ Soft pink flowers are held by dark mauve-pink calyces. PP29,957

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

FASHIONISTA is a registered U.S. trademark of Walters Gardens.
SCABIOSA
(PINCUSHION FLOWER)
Scabiosa columbaria

FLUTTER™ SERIES
DARWIN PERENNIALS
First Year Flowering
Height: 12 to 14 in. (30 to 36 cm)
Bloom Months: March to September
USDA Hardiness Zones: 5a to 9b

Compact habit and shorter peduncles for easier shipping and showing!
• Deeper colors, better habit and larger flowers than ‘Butterfly Blue’ and ‘Pink Mist’.
• Neater displays for greater sell-through at retail.
• Hardy plants with long flowering windows.
• Beautiful in the landscape and in mixed containers.
• Very disease resistant.

Deep Blue ‘Balfluttdelu’ PP28,043
Pure White ‘Stunning, pure-white variety is a unique color for the market. Self-cleaning and long-flowering. ‘Balflutturite’ PP30,119
Rose Pink ‘Balfluttropi’ PP27,809

‘BUTTERFLY BLUE’
Height: 16 to 18 in. (41 to 46 cm)
Bloom Months: May to hard frost
USDA Hardiness Zones: 4a to 9b
Compact, tidy mounds of deep green, basal leaves with wiry stems hold single, round, lavender-blue flowers.

‘PINK MIST’
Height: 16 to 18 in. (41 to 46 cm)
Bloom Months: June to August
USDA Hardiness Zones: 5a to 9b
Compact, upright habit is similar to ‘Butterfly Blue’. Variety features green, textured leaves and soft pink, fully double flowers.

‘STEEL THE SHOW’
WALTERS GARDENS
Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: September
USDA Hardiness Zones: 3a to 9b
PP31,314
Tiny, silvery leaves and bright blue-green foliage. One of the latest Sedum to bloom with rich, rosy-pink flowers.

SEDUM (STONECROP)
Sedum album

‘ATHOUM’
WALTERS GARDENS
Height: 6 to 8 in. (15 to 20 cm)
Bloom Months: July to August
USDA Hardiness Zones: 3a to 9b
Plump, dark green rosettes of red-tipped, evergreen leaves and light pink to white flowers.

‘CORAL CARPET’
WALTERS GARDENS
Height: 2 to 6 in. (5 to 15 cm)
Bloom Months: July
USDA Hardiness Zones: 4a to 9b
PP30,039
Creeping groundcover with red-tinted, deep green leaves and tiny, pale pink flowers.

Sedum ‘Little Miss Sunshine’
Sedum ‘Steel the Show’
SEDUM (STONECROP)
Sedum dasyphyllum 'MAJOR'

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

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

SEDUM (STONECROP)
Sedum hybridum 'NIGHT LIGHT'

NEW FOR 2022
WALTERS GARDENS

Height: 22 to 26 in. (56 to 66 cm)
Bloom Months: August to September
USDA Hardiness Zones: 3a to 9b

PPAF

Upright habit with beautiful deep bronze leaves that explode with dark and light pink flowers in late Summer. The flowers completely cover the habit like a dome.

SEDUM (STONECROP)
Sedum kamtschaticum 'VARIEGATUM'

NEW FOR 2022
GARDEN SOLUTIONS

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

An excellent addition to rock gardens and pathways. Vibrant, colorful foliage attracts pollinators for a big show.

‘STRAWBERRY MILKSHAKE’

SEDUM (STONECROP)
Sedum kamtschaticum

NEW FOR 2022
WALTERS GARDENS

Height: 20 to 24 in. (51 to 61 cm)
Bloom Months: August to September
USDA Hardiness Zones: 3a to 9b

PPAF

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

SUNSPARKLER® SERIES

‘VARIEGATUM’

SEDUM (STONECROP)
Sedum kamtschaticum variegatum

NEW FOR 2022
GARDEN SOLUTIONS

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

An excellent addition to rock gardens and pathways. Vibrant, colorful foliage attracts pollinators for a big show.

‘BLUE ELF’ PP27,113
‘Cherry Tart’ PP24,603
Dazzleberry’ PP22,457
‘Lime Twister’ PP26,895
‘Lime Zinger’ PP24,632
‘Plum Dazzled’ PP30,348
‘Wildfire’ PP28,621

SUNSPARKLER is a U.S. registered trademark of Christopher M. Hansen.

‘OGON’

SEDUM (STONECROP)
Sedum pachyclados

NEW FOR 2022
WALTERS GARDENS

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

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

‘BLUE SPRUCE’

SEDUM (STONECROP)
Sedum reflexum

NEW FOR 2022
WALTERS GARDENS

Height: 3 to 6 in. (8 to 15 cm)
Bloom Months: July to August
USDA Hardiness Zones: 4a to 9b

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

To order, please see back cover.
PRIMA ANGELINA

SEDUM PRIMA ANGELINA

Product information and culture charts at darwinperennials.com
‘ANGELINA’
Height: 3 to 6 in. (8 to 15 cm)
Bloom Months: July to August
USDA Hardiness Zones: 3a to 9b
Low-growing and fast-spreading, with fleshy, needle-like, golden yellow foliage.

SEDUM (STONECROP)
Sedum sexangulare

‘AUTUMN FIRE’
Height: 4 in. (10 cm)
Bloom Months: July
USDA Hardiness Zones: 5a to 5b
Dense carpets of fine green foliage with bright yellow flowers in Spring.

SEDUM (STONECROP)
Sedum sieboldii

‘AUTumn JOY’
Height: 6 in. (15 cm)
Bloom Months: September to October
USDA Hardiness Zones: 6a to 9b
Semi-evergreen, blue-green, succulent foliage with pink flowers in Fall.

SEDUM (STONECROP)
Sedum spurium

‘DRAGONS BLOOD’
Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: July to August
USDA Hardiness Zones: 3a to 9b
Green leaves with red margins and deep red blooms in Summer. Foliage turns bright red in Fall.

WALTERS GARDENS
Height: 8 to 10 in. (20 to 25 cm)
Bloom Months: August to October
USDA Hardiness Zones: 3a to 9b
PP32,714
Billowy, puffy dome of bright rosy-pink flowers in late Summer to early Fall.

‘Poudre PUFF’
WALTERS GARDENS
Height: 3 to 4 in. (8 to 10 cm)
Bloom Months: May to July
USDA Hardiness Zones: 4a to 9b
Dark green, spreading foliage with red flowers in July. Foliage turns red-orange in Fall.

‘JOHN CREECH’
Height: 2 in. (5 cm)
Bloom Months: June
USDA Hardiness Zones: 3a to 9b
Dense groundcover; striking green foliage and pink-purple blooms.

‘TRICOLOR’
WALTERS GARDENS
Height: 3 to 4 in. (8 to 10 cm)
Bloom Months: June to August
USDA Hardiness Zones: 3a to 9b
Mat-forming, with small, rounded, green leaves tinged in pink and edged in white; pink blooms.

‘SpELLBOnD’
WALTERS GARDENS
Height: 18 to 20 in. (46 to 51 cm)
Bloom Months: August to September
USDA Hardiness Zones: 3a to 9b
PPAF
Soft pink buds open to cream flowers that bubble over a domed habit of gray-green leaves.

‘FULDAGLUT’
WALTERS GARDENS
Height: 3 to 4 in. (8 to 10 cm)
Bloom Months: May to July
USDA Hardiness Zones: 4a to 9b
Dense, robust habit; flowers start blue-green and mature to pink, deep red and finally bronze.

‘POWDER PUFF’
WALTERS GARDENS
Height: 8 to 10 in. (20 to 25 cm)
Bloom Months: August to October
USDA Hardiness Zones: 3a to 9b
Mat-forming, with small, rounded, green leaves tinged in pink and edged in white; pink blooms.
Sedum 'Coral Reef'

Sedum 'Lemon Ball'

Sedum 'Vera Jameson'

Sempervivum 'Kalinda'

Sempervivum 'Commander Hay'

Sempervivum 'Red Beauty'

Sempervivum 'Ruby Heart'

Sempervivum 'Silverine'

Sempervivum 'Carmen'

Sempervivum 'Cobweb'

Sempervivum 'Sunset'

Sedum 'Coral Reef' Sedum 'Lemon Ball'

Sedum 'Vera Jameson' Sempervivum 'Kalinda' Sempervivum 'Commander Hay'

‘CORAL REEF’

SEDUM (STONECROP)

Sedum tetractinum

‘CORAL REEF’

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

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

‘LEMON BALL’

SEDUM (STONECROP)

Sedum x hybridum

‘LEMON BALL’

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

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

‘VERA JAMESON’

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

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

‘RED BEAUTY’

SEMPERVIVUM (HENS & CHICKS)

Sempervivum

‘RED BEAUTY’

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

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

‘COMMANDER HAY’

SEMPERVIVUM (HENS & CHICKS)

Sempervivum arachnoideum

‘COMMANDER HAY’

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

Emerald green, succulent leaves with bright red tips.

‘ROYAL RUBY’

SEMPERVIVUM (HENS & CHICKS)

Sempervivum tectorum

‘ROYAL RUBY’

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

Forms dense mats of dark wine-red foliage.

‘RUBY HEART’

SEMPERVIVUM (HENS & CHICKS)

Sempervivum tectorum

‘RUBY HEART’

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

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

‘SILVERINE’

SEMPERVIVUM (HENS & CHICKS)

Sempervivum tectorum

‘SILVERINE’

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

Muted green foliage with red overtones.
**Silene 'Clifford Moor'**
- Height: 18 in. (46 cm)
- Bloom Months: May to July
- USDA Hardiness Zones: 5a to 8b
- Variegated leaves and single, pink flowers.

**Solidago Little Lemon**
- Height: 12 to 18 in. (30 to 46 cm)
- Bloom Months: July to September
- USDA Hardiness Zones: 4a to 9b
- 'Dansolitlem' PP17,297
- Compact, well-branched plants covered with racemes of bright lemon yellow flowers in Summer.

**Solidago 'Fireworks'**
- Height: 36 to 48 in. (91 to 122 cm)
- Bloom Months: July to September
- USDA Hardiness Zones: 5a to 9b
- Golden yellow flowers with wild, multi-branched panicles.

**Stachys 'Silver Carpet'**
- Height: 8 in. (20 cm)
- Bloom Months: June to July
- USDA Hardiness Zones: 4a to 9b
- Drought-tolerant, low-growing and spreading variety with soft and fuzzy, oval, gray-white leaves.

**Stachys 'Helene Von Stein'**
- Height: 12 in. (30 cm)
- Bloom Months: July
- USDA Hardiness Zones: 4a to 9b
- Clump-forming habit with big, broad leaves and velvety-soft, greenish-silver foliage. Great for edging, border gardens and containers.

**Stachys 'Hummelo'**
- Height: 20 in. (51 cm)
- Bloom Months: June to July
- USDA Hardiness Zones: 4a to 9b
- Compact clumps of textured, glossy green foliage with spikes of purple flowers.

**Stevia Sweet Leaf**
- Height: 18 to 30 in. (46 to 76 cm)
- USDA Hardiness Zones: 9a to 11
- Tender perennial used as a dietary supplement; dried leaves are many times sweeter than sugar.

**Thymus 'Albiflorus'**
- Height: 2 in. (5 cm)
- USDA Hardiness Zones: 4a to 9b
- Low-growing habit with green leaves and white flowers.

**Thymus 'Coccineus' Creeping Thyme**
- Height: 2 to 4 in. (5 to 10 cm)
- USDA Hardiness Zones: 5a to 9b
- 'Hartington Silver'
- Also known as 'Hartington Silver'. Small, green leaves with creamy-white margins and tiny flowers of palest pink in late Spring.
**Thymus (Thyme)**

**Woolly Thyme**

- **Thymus praecox 'PSEUDOLANUGINOSUS'**
  - Height: 2 to 4 in. (5 to 10 cm)
  - USDA Hardiness Zones: 5a to 9b
  - **TOP SELLER**
  - Woolly creeper with gray foliage and white flowers; good for dry locations.

**English Thyme**

- **Thymus vulgaris 'ELFIN'**
  - Height: 1 in. (3 cm)
  - USDA Hardiness Zones: 4a to 9b
  - Mat-forming creeper with tiny, green leaves and pink flowers.

**Creeping Thyme**

- **Thymus × citriodorus 'DOONE VALLEY'**
  - Height: 1 to 2 in. (3 to 5 cm)
  - USDA Hardiness Zones: 5a to 5b
  - Also known as Creeping Lemon Thyme. Purple flowers with lemon-scented, green and golden variegated foliage. Excellent for planting between stepping stones and rock gardens.

**Golden Lemon**

- **Thymus English**
  - **Thymus 'PSEUDOLANUGINOSUS'**
  - Height: 1 in. (3 cm)
  - USDA Hardiness Zones: 4a to 9b
  - Mat-forming creeper with tiny, green leaves and pink flowers.

**French Thyme**

- **Thymus x citriodorus 'SILVER KING'**
  - Height: 4 to 5 in. (10 to 13 cm)
  - USDA Hardiness Zones: 7a to 9b
  - Lemon-scented, medium-green leaves are splashed with cream.

**Orange**

- **Thymus English**
  - **Thymus 'SILVER KING'**
  - Height: 4 in. (10 cm)
  - USDA Hardiness Zones: 5a to 9b
  - Orange or citrus-scented, green leaves and lavender-pink flowers.

**Lemon**

- **Thymus Lemon**
  - **Thymus 'SILVER KING'**
  - Height: 8 in. (20 cm)
  - USDA Hardiness Zones: 5a to 9b
  - Lemon-scented, green leaves and lavender-pink flowers.

**Spicy Orange**

- **Thymus English**
  - **Thymus 'SILVER KING'**
  - Height: 2 to 4 in. (5 to 10 cm)
  - USDA Hardiness Zones: 5a to 9b
  - Needle-like leaves with a spicy, orange scent; soft, lavender flowers in late Spring.

**Variegatus**

- **Thymus English**
  - **Thymus 'SILVER KING'**
  - Height: 4 in. (10 cm)
  - USDA Hardiness Zones: 5a to 9b
  - Lemon-scented, green leaves with a thin, white-splashed margin and purple flowers.

Product information and culture charts at darwinperennials.com
VERBENA (VERVAIN)
Verbena bonariensis

‘LOLLIPOP’
Height: 24 in. (61 cm)
Bloom Months: May to frost
USDA Hardiness Zones: 7a to 11

Tender perennial has unique dwarf form with lavender-blue flowers.

VERBENA (ROSE VERVAIN)
Verbena canadensis

‘HOMESTEAD HOT PINK’
NEW FOR 2022
DARWIN PERENNIALS

First Year Flowering
Height: 4 to 6 in. (10 to 15 cm)
Bloom Months: March to October
USDA Hardiness Zones: 6b to 9a

PPAF

Hardy Verbena with a profusion of brightly colored flowers.
- Like its namesake ‘Homestead Purple’, this variety produces a carpet of color and features Zone-6 hardiness.
- Hot pink blooms work wonderfully as a groundcover.
- Mildew resistant, too.

VERONICA (SPIKE SPEEDWELL)
Veronica

‘LAVENDER LIGHTSABER’
WALTERS GARDENS

Height: 28 to 30 in. (71 to 76 cm)
Bloom Months: July
USDA Hardiness Zones: 4a to 9b
PP32,359

A tall, columnar-shaped habit holds soft lavender flowers.

VERONICA (SPEEDWELL)
Veronica longifolia

FIRST BRIDE
RENÉ VAN GAALEN, B.V.

Height: 16 to 22 in. (41 to 56 cm)
Bloom Months: April to August
USDA Hardiness Zones: 4a to 9b
‘Allbride’ PP29,854

Clean, white flowers contrast dark green foliage with this frost-tolerant, disease-resistant Veronica. Use as a cut flower or in the landscape.

FIRST BRIDE
RENE VAN GAALEN, B.V.

Height: 16 to 22 in. (41 to 56 cm)
Bloom Months: April to August
USDA Hardiness Zones: 4a to 9b
‘Allbride’ PP29,854

Clean, white flowers contrast dark green foliage with this frost-tolerant, disease-resistant Veronica. Use as a cut flower or in the landscape.

FIRST KISS
RENE VAN GAALEN, B.V.

Height: 22 to 24 in. (56 to 61 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 9b
‘Allkiss’ PP28,797

Pretty pink, long-flowering variety in the First collection; vernalization not required.

FIRST KISS
RENE VAN GAALEN, B.V.

Height: 22 to 24 in. (56 to 61 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 9b
‘Allkiss’ PP28,797

Pretty pink, long-flowering variety in the First collection; vernalization not required.

FIRST LADY
RENE VAN GAALEN, B.V.

Height: 16 to 22 in. (41 to 56 cm)
Bloom Months: April to August
USDA Hardiness Zones: 4a to 9b
‘Alllady’ PP23,271

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

FIRST LADY
RENE VAN GAALEN, B.V.

Height: 16 to 22 in. (41 to 56 cm)
Bloom Months: April to August
USDA Hardiness Zones: 4a to 9b
‘Alllady’ PP23,271

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

FIRST LORD
RENE VAN GAALEN, B.V.

Height: 16 to 22 in. (41 to 56 cm)
Bloom Months: April to August
USDA Hardiness Zones: 4a to 9b
‘Alllord’ PP23,294

Compact, highly uniform plants with short, thick spikes of deep blue flowers; vernalization not required.

FIRST LORD
RENE VAN GAALEN, B.V.

Height: 16 to 22 in. (41 to 56 cm)
Bloom Months: April to August
USDA Hardiness Zones: 4a to 9b
‘Alllord’ PP23,294

Compact, highly uniform plants with short, thick spikes of deep blue flowers; vernalization not required.

FIRST MEMORY
RENE VAN GAALEN, B.V.

Height: 22 to 24 in. (56 to 61 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 9b
‘Allv1461’ PP29,059

Nice, soft blue, long-flowering variety in the First collection; vernalization not required.

FIRST MEMORY
RENE VAN GAALEN, B.V.

Height: 22 to 24 in. (56 to 61 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 9b
‘Allv1461’ PP29,059

Nice, soft blue, long-flowering variety in the First collection; vernalization not required.

FIRST LOVE
RENE VAN GAALEN, B.V.

Height: 22 in. (56 cm)
Bloom Months: June to July
USDA Hardiness Zones: 4a to 9b
‘Alllove’ PP21,478

Uniform, well-branched plants with short spikes of brilliant pink flowers; excellent flower canopy without vernalization.

FIRST LOVE
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Height: 22 in. (56 cm)
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‘Alllove’ PP21,478

Uniform, well-branched plants with short spikes of brilliant pink flowers; excellent flower canopy without vernalization.
VERONICA \(\text{(SPEEDWELL)}\)

*Veronica longifolia*

**‘BLUE SKYWALKER’**

**WALTERS GARDENS**

- **Height:** 28 to 30 in. (71 to 76 cm)
- **Bloom Months:** July
- **USDA Hardiness Zones:** 4a to 9b

PP29,406

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

**FOREVER BLUE**

**DARWIN PERENNIALS**

**First Year Flowering**

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

‘Balverevlu’ PP31,087

No seed set for longer blooming.

- Striking Veronica produces continuous, deep blue flowers throughout Summer to Fall.
- Excellent branching.
- Rich, deep blue color.
- Mildew resistant.
- Larger than Moody Blues.

**‘PERFECTLY PICASSO’**

**WALTERS GARDENS**

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

PP29,720

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

**‘ROYAL REMBRANDT’**

**WALTERS GARDENS**

- **Height:** 18 to 20 in. (46 to 51 cm)
- **Bloom Months:** July
- **USDA Hardiness Zones:** 4a to 9b

PP29,377

TOP SELLER

Discover your new Speedwell staple! Violet-purple flowers cover the top half of the plant, showcasing its dark green foliage. A remontant variety; sheering will encourage reblooming later in the season.

**‘VERY VAN GOGH’**

**WALTERS GARDENS**

- **Height:** 18 to 20 in. (46 to 51 cm)
- **Bloom Months:** July
- **USDA Hardiness Zones:** 4a to 8b

PP27,428


**VENICE BLUE**

**FLORENSIS. B.V.**

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

‘Florverblue’ CPBP5323; PP27,555

Easy-to-grow Veronica makes an excellent season extender! It requires less vernalization than other austriaca types; features strong, upright stems for outstanding show at retail and in the garden. Plus, this early Spring-flowering variety loves the heat.

Product information and culture charts at darwinperennials.com
MOODY BLUES®

Veronica hybrida

MOODY BLUES® SERIES

DARWIN PERENNIALS

First Year Flowering
Height: 12 to 14 in. (30 to 36 cm)
Bloom Months: May to October
USDA Hardiness Zones: 4b to 9b

Compact series of first-year-flowering Veronica.

- Excellent 1-gal. and 2.5-qt. production with great uniformity and habit.
- Continues to cycle and bloom all season until first frost.
- Compact, tidy habit is great for any garden or mixed container.
- No vernalization is required.

TOP SELLER Dark Blue
‘Novaverblu’ PP26,602

Dark Pink A long-flowering, deep pink variety. ‘Balmoodink’ PP91,832

Mauve ‘Balmoomau’ PP31,833

Pink ‘Novaverpin’ PP25,748

Sky Blue ‘Novaversky’ PP27,835

White ‘Novaverwhi’
*VERONICA* (SPIKE SPEEDWELL)  
*Veronica hybrida*

**NEW FOR 2022**

**WALTERS GARDENS**

**Height:** 28 to 30 in. (71 to 76 cm)
**Bloom Months:** July to August
**USDA Hardiness Zones:** 4a to 8b

'Purple Leia' joins popular companions 'Blue Skywalker' and 'Lavender Lightsaber', with rosy purple flowers covering the top half of the upright, columnar habit. This Veronica adds height to the middle of the border.

**VERONICA** (SPEEDWELL)  
*Veronica peduncularis*

**WATERPERRY BLUE**

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

Spreading habit with light blue flowers and purple Winter foliage.

**GOODS\$ CREEPING SPEEDWELL**  
*Veronica repens*

**SUNSHINE**

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

Groundcover type; creeping with white blooms on gold foliage.

**VINCA** (MYRTLE)  
*Vinca minor*

**BOWLES CUNNINGHAM**

**Height:** 5 to 8 in. (13 to 20 cm)  
**Bloom Months:** April to May  
**USDA Hardiness Zones:** 3a to 9b

Also known as ‘Bowles’. Vigorous, spreading variety has thick, glossy leaves and sky blue flowers that are darker than standard V. minor.

**ILLUMINATION**

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

Popular, low-growing, evergreen groundcover has variegated foliage and small, light lavender-blue flowers in Spring.
**VIOLA**
(VIOLET)
*Viola cornuta*

**HALO SERIES**

**DARWIN PERENNIALS**

**First Year Flowering**

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

**Bloom Months:** February to October

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

Excellent hardiness for long-lasting garden enjoyment.

- Very heat tolerant.
- No vernalization required.
- Oversummers and overwinters.
- Larger flowers than Celestial.

‘Halo Golden Yellow’ PP30,900
‘Halo Lemon Frost’ Extra-large, two-toned flowers captivate customers for early sales. PP26,383
‘Halo Lilac’ CPBR4837; PP24,542

**TOP SELLER** ‘Halo Sky Blue’
CPBR4838; PP24,541

‘Halo Violet’ CPBR4839; PP24,428

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To order, please see back cover.
**CELESTIAL™ SERIES**

PLANTHAVEN INT'L, INC.

**Height:** 5 to 6 in. (13 to 15 cm)
**Bloom Months:** February to October
**USDA Hardiness Zones:** 5a to 10b

Ever-blooming, early-Spring perennial in bright, rich colors. Oversummers and overwinters; heat-tolerant, highly scented varieties bloom all Summer. No vernalization required.

Northern Lights 'SMEV4' PP24,591
Starry Night 'Lord Primrose' PP18,253
Twilight 'SMEV3' PP24,592

CELESTIAL is a U.S. trademark of PlantHaven, Inc.

**‘ETAIN’**

**Height:** 8 to 10 in. (20 to 25 cm)
**Bloom Months:** February to October
**USDA Hardiness Zones:** 5a to 10b

Compact variety flowers profusely in Spring and Fall with large, fragrant, bicolor blooms.

**‘REBECCA CAWTHORNE’**

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

Fragrant, purple flowers splashed with white; sporadic reblooming.

Product information and culture charts at darwinperennials.com
We understand how important it is to bring fresh, edible herbs to market, which is why Darwin Perennials offers a wide range of novel and traditional herbs for you to choose from.

We’ve got an excellent supply of vegetative unrooted cuttings from clean stock, available in bags of 50. Cuttings go from harvest to cooler in 15 minutes to ensure the highest quality possible.

Take a look out our herb selection below:

**ARTEMISIA**, page 31
French Tarragon

**CORIANDER**, page 43
Vietnamese

**SWEET MARJORAM**, page 69
Hortensis

**MENTHA/MINT**, page 69
After Eight
Apple
Chocolate
Citrate Orange
‘Kentucky Colonel’
**TOP SELLER** Mojito
Moroccan
Peppermint
Peppermint Upright
Pineapple Variegated
Spearmint
Strawberry

**ORIGANUM/OREGANO**, page 79
‘Aureum’
Greek
‘Hot and Spicy’
Italian
Variegated

**ROSMARINUS/ROSEMARY**, page 95
‘Arp’
**TOP SELLER** ‘Barbecue’
‘Gorizia’
‘Huntington Carpet’
Officinalis
‘Prostratus’
‘Salem’
‘Spice Island’
**TOP SELLER** ‘Tuscan Blue’

**SALVIA/SAGE**, page 107
‘Aurea’
**TOP SELLER** Berggarten
Garden Sage
‘Icterina’
‘Purpurascens’
‘Tricolor’

**STEVIA**, page 113
Sweet Leaf

**THYMUS/THYME**, page 114
‘Doone Valley’
**TOP SELLER** English
French
Golden Lemon
Lemon
Orange
Silver Edged
‘Silver King’
‘Spicy Orange’
‘Variegatus’
### REGIONAL TOP PICKS

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

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Product information and culture charts at darwinperennials.com
## FLOWERING SEASON PACIFIC NORTHWEST

- **LATE WINTER**
  - *Dianthus Mountain Frost*
  - *Iberis ‘Snowsation’*
  - *Lavender Primavera*
  - *Viola Halo*

- **EARLY SPRING**
  - *Alyssum ‘Golden Spring’*
  - *Armeria Dreameria*
  - *Heuchera Carnival*
  - *Iberis ‘Snowsation’*
  - *Lavender ‘Anouk’, Primavera*
  - *Lavender ‘Anouk’, Primavera*
  - *Lavender Primavera, ‘SuperBlue’*
  - *Leucanthemum Ooh La, ‘Whitecap’*
  - *Monarda Balmy*
  - *Nepeta Junior Walker, Prelude, Whispurr*
  - *Penstemon MissionBells Deep Rose*
  - *Salvia Lyrical, Marvel*
  - *Veronica Moody Blues*
  - *Viola Halo*
  - *Viola Halo*

## MIDWEST

- **EARLY SPRING**
  - *Dianthus Mountain Frost*
  - *Coreopsis ‘Golden Stardust’, ‘Super Star’*
  - *Digitalis Arctic Fox Rose*
  - *Echinacea Sombrero*
  - *Heuchera Carnival*
  - *Iberis ‘Snowsation’*
  - *Lavender Primavera, ‘SuperBlue’*
  - *Leucanthemum Ooh La, ‘Whitecap’*
  - *Monarda Balmy*
  - *Nepeta Junior Walker, Prelude, Whispurr*
  - *Penstemon MissionBells Deep Rose*
  - *Salvia Lyrical, Marvel*
  - *Veronica Moody Blues*
  - *Viola Halo*

## GREAT LAKES

- **EARLY SPRING**
  - *Dianthus Mountain Frost*
  - *Coreopsis ‘Golden Stardust’, ‘Super Star’*
  - *Digitalis Arctic Fox Rose*
  - *Echinacea Sombrero*
  - *Heuchera Carnival*
  - *Iberis ‘Snowsation’*
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  - *Penstemon MissionBells Deep Rose*
  - *Salvia Lyrical, Marvel*
  - *Veronica Moody Blues*
  - *Viola Halo*

## NORTHEAST

- **EARLY SPRING**
  - *Dianthus Mountain Frost*
  - *Coreopsis ‘Golden Stardust’, ‘Super Star’*
  - *Digitalis Arctic Fox Rose*
  - *Echinacea Sombrero*
  - *Heuchera Carnival*
  - *Iberis ‘Snowsation’*
  - *Lavender Primavera, ‘SuperBlue’*
  - *Leucanthemum Ooh La, ‘Whitecap’*
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* Many of these varieties are included in our Summer and Fall culture trials.
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<td>Veronica Moody Blues</td>
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<td>Veronica Moody Blues</td>
<td>Veronica Moody Blues</td>
</tr>
<tr>
<td>Coreopsis UpTick</td>
<td>Coreopsis UpTick</td>
<td>Coreopsis UpTick</td>
<td>Coreopsis UpTick</td>
</tr>
<tr>
<td>Digitalis Arctic Fox Rose</td>
<td>Digitalis Arctic Fox Rose</td>
<td>Digitalis Arctic Fox Rose</td>
<td>Digitalis Arctic Fox Rose</td>
</tr>
<tr>
<td>Echinacea Sombrero</td>
<td>Echinacea Sombrero</td>
<td>Echinacea Sombrero</td>
<td>Echinacea Sombrero</td>
</tr>
<tr>
<td>Heuchera Carnival</td>
<td>Heuchera Carnival</td>
<td>Heuchera Carnival</td>
<td>Heuchera Carnival</td>
</tr>
<tr>
<td>Lavender Primavera, ‘SuperBlue’</td>
<td>Lavender Primavera, ‘SuperBlue’</td>
<td>Lavender Primavera, ‘SuperBlue’</td>
<td>Lavender Primavera, ‘SuperBlue’</td>
</tr>
<tr>
<td>Penstemon Rock Candy</td>
<td>Miscanthus Bandwidth</td>
<td>Miscanthus Bandwidth</td>
<td>Miscanthus Bandwidth</td>
</tr>
<tr>
<td>Perovskia ‘CrazyBlue’</td>
<td>Penstemon Rock Candy</td>
<td>Penstemon Rock Candy</td>
<td>Penstemon Rock Candy</td>
</tr>
<tr>
<td>Salvia Lyrical, Marvel</td>
<td>Perovskia ‘CrazyBlue’</td>
<td>Perovskia ‘CrazyBlue’</td>
<td>Perovskia ‘CrazyBlue’</td>
</tr>
</tbody>
</table>

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

To order, please see back cover.
Darwin Perennials offers the most innovative solutions for your growing challenges. With our recent introduction of a wide range of perennial crops that have broken the vernalization barrier – we now offer **over 150 first-year-flowering options** from many of our popular classes that do not require cold treatment. With this innovation, it’s easier than ever before to schedule your perennial crops.

We are able to provide the best products on the market thanks to our extensive trialing and culture research at our facility in West Grove, PA. The culmination of this trialing has aided in the creation of our robust and interactive **First-Year-Flowering Tool**, an easy-to-use resource that tells you exact scheduling dates to hit any specific bloom week for all of our first-year-flowering varieties.

Take a look at the easy steps on the next page.
Go to FirstYearFloweringTool.com…

Select your crop of choice…

Input your desired finish week and receive instant crop schedule results!
PERENNIAL STARTERS

OUR EASIEST-TO-GROW PERENNIALS FOR ANY EXPERIENCE LEVEL
GROW LIKE A PERENNIAL PRO

For new growers or those looking to break into the perennial market, we understand perennials can present diverse challenges. That’s why we’ve gathered our **top 10 easiest-to-grow perennials** for any experience level. Take the fear out of growing perennials with these low-maintenance starter varieties. If you can grow annuals, you can definitely incorporate these products into your roster for a program that is sure to hit the major perennial **classes** your customers are looking for. No special environments or fertilizers needed, no cold treatment or special lighting. Plant these and you won’t be able to keep them from flowering!

**Achillea Milly Rock™ Series** (Zone 4), page 23  
**Coreopsis UpTick™ Series** (Zone 5), page 41  
**Iberis ‘Summer Snowdrift’** (Zone 6), page 53  
**Lavandula (English) ‘SuperBlue’** (Zone 5), page 57  
**Leucanthemum ‘Whitecap’** (Zone 5), page 63  
**Penstemon Rock Candy® Series** (Zone 5), page 80  
**Phlox Ka-Pow® Series** (Zone 4), page 87  
**Salvia ‘Rose Marvel’** (Zone 4), page 97  
**Veronica Moody Blues® Series** (Zone 4), page 117

TOP POLLINATOR PLANTS

We’ve gathered our best of the best pollinator-friendly varieties that are known to attract bees, butterflies, hummingbirds and more. Take a look at these buzz-worthy perennials below that are sure to captivate consumer gardens.

**Caryopteris ‘Gold Crest’ and Grand Bleu®, page 38**  
**Digitalis Arctic Fox Rose**, page 45  
**Echinacea Sombrero® Series**, page 10  
**Lavandula Anouk Series, Primavera** and ‘SuperBlue’, pages 57, 59-60  
**Monarda Balmy™ Series** and **NEW Bee-Mine™ Series**, pages 71-72  
**Nepeta ‘Junior Walker™, Prelude™ Series and Whispurr™ Series**, pages 75, 77-78  
**Penstemon MissionBells™ Deep Rose, Quartz® Series and Rock Candy® Series**, pages 80, 83  
**Perovskia ‘CrazyBlue’, page 85**  
**Salvia Arctic Blaze® Series, Lyrical™ Series, Marvel Collection and Mirage™ Series**, pages 97-99, 104-106  
**Scabiosa Flutter™ Series**, page 108  
**Veronica Moody Blues® Series**, page 117

Phlox  
Ka-Pow Pink, p. 87

Salvia  
‘Rose Marvel’, p. 97

Digitalis  
Arctic Fox Rose, p. 45
ALL YOU NEED TO GROW THE FINEST PERENNIALS IN THE INDUSTRY.

Culture Guide
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 uniformity of new root establishment. In any case, do not allow media surface to dry to day 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. Media incorporates a surfactant to help ensure proper wetting and re-wetting of the media. Perennials that emerge from dormancy will begin to grow, flowering shoots on the plants. It has also been shown to hasten flowering in many species by up to four weeks.

FERTILIZATION

Perennials can be fed using liquid fertilizers on a periodic or constant feed basis. Liquid fertilizer rates can be found in the Perennial Finishing Guide. Use a balanced formula that complements the pH and alkalinity of your irrigation water. Liquid fertilizing offers advantages of greater flexibility and control over fertility levels, but can be difficult to administer economically when overhead irrigation is used. In the case of overhead irrigation, controlled release fertilizers (CRF) are preferable. Incorporate CRF into the media prior to planting based on manufacturer’s recommendations or top-dress after planting.

SPACING

Spring-planted perennials should be spaced to finished spacing after transplant. This allows better growing conditions and helps to avoid overcrowding and stretch. The added airflow will help reduce foliar diseases and allow for better insect control.

Fall-planted perennials can be spaced at transplant in temperate climates or placed pot-tight in climates where temperatures cause containers to freeze. In either case, proper spacing for the anticipated finished size of the plant will dramatically improve plant quality and reduce labor.

INSECTS AND DISEASES

Incoming perennial liners or cuttings should be inspected for pests and diseases. Apply appropriate treatments as needed.

After transplant, regular scouting and careful observation is critical to maintaining a healthy crop. The practice of integrated pest management (IPM) will reduce losses and pesticide costs by identifying and correcting problems before they escalate. If a pesticide treatment is necessary, please refer to the manufacturer’s label regarding proper usage. It is always a good practice to test new varieties for phytotoxicity when making pesticide applications.

VERNALIZATION AND BULKING

A number of perennial species require a period of cold temperature exposure to flower. The length of time varies from just a few weeks below 50°F (10°C) to as much as 10 weeks below 40°F (4°C). Generally speaking, early Spring-flowering perennials such as Phlox subulata, Iberis and Alyssum require a cold period to flower. Many perennials, such as Salvia nemorosa, Monarda and Phlox paniculata do not require vernalization to flower, but do benefit from a cold, short day bulking period. In these cases, Summer or Fall planting increases root and crown mass, and the corresponding flowering shoots on the plants. It has also been shown to hasten flowering in many species by up to four weeks.

OVERWINTERING

The keys to success when overwintering perennials are:

• Avoid standing water
• Provide adequate air circulation
• Use preventative disease treatments
• Remove dead leaf/tissue
• Utilize rodent control
• Low media EC when entering dormancy
• Avoid freeze and thaw cycles

The overwintering area, whether in a field or hoop house, should be sloped so that rain or other water sources cannot accumulate. In climates where Winter conditions freeze and thaw, cover prior to freeze and uncover as soon as possible. Where temperatures remain below freezing, cover after first freeze and maintain the cover until late Winter or early Spring when weather moderates. Remove dead and absconding leaves from herbaceous perennials like Hosta, Monarda, Helicopsis 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.

DarwinPerennials.

To order, please see back cover.
<table>
<thead>
<tr>
<th>PAGE</th>
<th>CROP</th>
<th>SERIES/VARIETY</th>
<th>MEDIA EC/PH</th>
<th>SOIL TEMPERATURE</th>
<th>ROOTING HORMONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td>ACHILLEA Achillea hybrid</td>
<td>Moon Dust</td>
<td>EC 1.0-1.25 mmhos/pH 5.8-6.2</td>
<td>70-72°F (21-22°C)</td>
<td>500-1,000 ppm IBA</td>
</tr>
<tr>
<td>23</td>
<td>ACHILLEA Achillea millefolium</td>
<td>Milly Rock™ Series</td>
<td>EC 1.0-1.25 mmhos/pH 5.8-6.2</td>
<td>70-72°F (21-22°C)</td>
<td>500-1,000 ppm IBA</td>
</tr>
<tr>
<td>21, 24</td>
<td>ACHILLEA Achillea millefolium</td>
<td>New Vintage™ Series, Song Siren™ Layla</td>
<td>EC 1.0-1.25 mmhos/pH 5.8-6.2</td>
<td>70-72°F (21-22°C)</td>
<td>500-1,000 ppm IBA</td>
</tr>
<tr>
<td>27</td>
<td>AGASTACHE Agastache rugosa</td>
<td>Little Adder</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
<td>70-72°F (21-22°C)</td>
<td>500 ppm IBA</td>
</tr>
<tr>
<td>29</td>
<td>ALYSSUM Alyssum wulfianum</td>
<td>Golden Spring</td>
<td>EC 0.80-1.0 mmhos/pH 5.8-6.2</td>
<td>70-72°F (21-22°C)</td>
<td>500 ppm IBA</td>
</tr>
<tr>
<td>32</td>
<td>ARMERIA Armeria pseudarmeria</td>
<td>Dreameria® Series</td>
<td>EC 0.80 mmhos/pH 5.8-6.2</td>
<td>70-74°F (21-23°C)</td>
<td>2,500 ppm IBA</td>
</tr>
<tr>
<td>30</td>
<td>ARTEMISIA Artemisia gmelinii</td>
<td>SunFern™ Collection</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
<td>70-72°F (21-22°C)</td>
<td>500 ppm IBA</td>
</tr>
<tr>
<td>34</td>
<td>BUDDLEIA Buddleia davidii</td>
<td>Chrysalis™ Series</td>
<td>EC 0.80 mmhos/pH 5.8-6.2</td>
<td>70-72°F (21-22°C)</td>
<td>500 ppm IBA</td>
</tr>
<tr>
<td>38</td>
<td>CARYOPTERIS Caryopteris x clandonensis</td>
<td>Gold Crest, Grand Bleu®</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
<td>70-72°F (21-22°C)</td>
<td>1,000-3,000 ppm IBA</td>
</tr>
<tr>
<td>42</td>
<td>COREOPSIS Coreopsis grandiflora</td>
<td>Sunny Day</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
<td>70-72°F (21-22°C)</td>
<td>1,000 ppm IBA</td>
</tr>
<tr>
<td>39, 41</td>
<td>COREOPSIS Coreopsis hybrid</td>
<td>Electric Sunshine, Golden Stardust, Super Star, UpTick™ Series</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
<td>70-72°F (21-22°C)</td>
<td>500-1,000 ppm IBA</td>
</tr>
<tr>
<td>42</td>
<td>COREOPSIS Coreopsis verticillata</td>
<td>Crème Caramel, Sylvester</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
<td>70-72°F (21-22°C)</td>
<td>1,000 ppm IBA</td>
</tr>
<tr>
<td>44</td>
<td>DELOSPERMA Delosperma hybrid</td>
<td>Ocean Sunset™ Series</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
<td>70-72°F (21-22°C)</td>
<td>500 ppm IBA</td>
</tr>
<tr>
<td>18</td>
<td>DIANTHUS Dianthus hybrid</td>
<td>Mountain Frost™ Collection</td>
<td>EC 0.80 mmhos/pH 5.8-6.2</td>
<td>68-70°F (20-21°C)</td>
<td>500 ppm IBA</td>
</tr>
<tr>
<td>45</td>
<td>DIGITALIS Digitalis hybrid</td>
<td>Arctic Fox Rose</td>
<td>EC 0.75-0.80 mmhos/pH 6.0-6.4</td>
<td>70-72°F (21-22°C)</td>
<td>1,000 ppm IBA basal dip</td>
</tr>
<tr>
<td>12, 10, 11</td>
<td>ECHINACEA Echinacea x hybrid</td>
<td>Double Scoop™ Series, Sombrero® Series, Sombrero Poco™ Series</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
<td>72-78°F (21-24°C)</td>
<td>None</td>
</tr>
</tbody>
</table>

*Notes: EC = Electrical Conductivity; PH = pH Level; IBA = Indole Butyric Acid.*

**Observations:**
- **ACHILLEA** requires low to moderate 50-75 ppm N starting.
- **AGASTACHE** requires low to moderate 50 ppm N starting at.
- **ECHINACEA** requires low to moderate 50-75 ppm N Pinch to remove flower buds. 35-42 days after sticking. Mist enough to rehydrate cuttings. Do not over-mist.
- **ACHILLEA** and **ECHINACEA** do not require rooting hormones.
- **ALYSSUM** not necessary to remove premature flowers.
- **BUDDLEIA** Buddleia davidii requires mild misting after Day 7. Please refer to our complete Tissue Culture Echinacea propagation guide at DarwinPerennials.com for detailed rooting information.
<table>
<thead>
<tr>
<th>MIST</th>
<th>FERTILIZATION</th>
<th>PINching</th>
<th>TRANSPLANTING</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low to moderate</td>
<td>50-75 ppm N</td>
<td>Not necessary, remove</td>
<td>28-35 days after sticking</td>
<td>Do not over-mist.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>premature flowers.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low to moderate</td>
<td>50-75 ppm N</td>
<td>Pinch to remove flower buds.</td>
<td>35-42 days after sticking</td>
<td>Mist enough to rehydrate cuttings. Do not over-mist beyond Day 2 or 3. Do not stick cuttings too deep. Tall leaves can be trimmed if necessary.</td>
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<tr>
<td>Low to moderate</td>
<td>50-75 ppm N</td>
<td>Not necessary, remove</td>
<td>28-35 days after sticking</td>
<td>Do not over-mist.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>premature flowers.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low to moderate</td>
<td>50-75 ppm N</td>
<td>Recommended after roots are</td>
<td>28-35 days after sticking</td>
<td>Stick cuttings the day of arrival, if possible.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>established. Leave 4-5</td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>active internodes.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low</td>
<td>50-75 ppm N</td>
<td>Recommended. Soft pinch.</td>
<td>35-42 days after sticking</td>
<td>This Alyssum requires light mist and soil moisture. Can be rooted under a dome or tent. Do not over-mist.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lower nodes may become</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>inactive.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low</td>
<td>100 ppm N starting at</td>
<td>Not necessary.</td>
<td>42-46 days after sticking</td>
<td>Quite easy to propagate. Do not over-mist. Remove from mist after 10 to 12 days. Allow media to dry slightly between irrigations to encourage root development.</td>
</tr>
<tr>
<td></td>
<td>Day 7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low to moderate</td>
<td>50-75 ppm N starting</td>
<td>Pinch, prior to transplant.</td>
<td>35-42 days after sticking</td>
<td>Mist enough to rehydrate cuttings. Do not over-mist beyond Day 2 or 3. Arcadia is particularly sensitive to over-misting in propagation.</td>
</tr>
<tr>
<td></td>
<td>Day 7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low to moderate</td>
<td>50-75 ppm N starting</td>
<td>Remove buds/flowers in</td>
<td>42-49 days after sticking</td>
<td>Buddleia Chrysalis series is very free flowering. Budding in cuttings does not affect rooting. Watch media moisture levels. Excessive moisture will delay rooting.</td>
</tr>
<tr>
<td></td>
<td>Day 7</td>
<td>propagation.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low to moderate</td>
<td>50-75 ppm N</td>
<td>Pinch once in the liner stage.</td>
<td>35-42 days after sticking</td>
<td>Discontinue mist as quickly as possible once rooting occurs.</td>
</tr>
<tr>
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</tr>
<tr>
<td>Moderate</td>
<td>50-75 ppm N</td>
<td>Pinch once in the liner stage.</td>
<td>28-35 days after sticking</td>
<td>Begin fertilizing 7 days after stick. Avoid over-misting.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Moderate</td>
<td>50-75 ppm N</td>
<td>Pinch once in the liner stage.</td>
<td>35-42 days after sticking</td>
<td>Use low mist settings; do not oversaturate root media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.</td>
</tr>
<tr>
<td></td>
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</tr>
<tr>
<td>Low</td>
<td>50-75 ppm N</td>
<td>Pinch once in the liner stage and once after transplant for best results.</td>
<td>35-42 days after sticking</td>
<td>Use low mist settings: do not oversaturate-rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.</td>
</tr>
<tr>
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<td></td>
</tr>
<tr>
<td>Very low</td>
<td>50 ppm N starting at</td>
<td>Pinch once, prior to</td>
<td>35-42 days after sticking</td>
<td>Mist enough to rehydrate cuttings. Do not over-mist beyond Day 2 or 3. Do not oversaturate media.</td>
</tr>
<tr>
<td></td>
<td>Day 7</td>
<td>transplant.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Very low</td>
<td>50 ppm N starting at</td>
<td>Pinch to remove any flower buds.</td>
<td>42-49 days after sticking</td>
<td>Dianthus require very low mist settings to root. Over-misting will result in slow rooting and high losses in propagation.</td>
</tr>
<tr>
<td></td>
<td>Day 7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low to moderate</td>
<td>50-75 ppm N</td>
<td>Not typical in propagation.</td>
<td>42-49 days after sticking</td>
<td>Digitalis root slowly with first roots showing 15 to 18 days after stick. However, it is best to discontinue mist prior to visible root, as they root more quickly when not over-misted and when media is allowed to dry slightly between waterings.</td>
</tr>
<tr>
<td>Low</td>
<td>50 ppm N starting at</td>
<td>Not necessary.</td>
<td>49-56 days after sticking</td>
<td>Please refer to our complete Tissue Culture Echinacea guide at DarwinPerennials.com for detailed rooting information.</td>
</tr>
<tr>
<td></td>
<td>Day 7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PAGE</td>
<td>CROP</td>
<td>SERIES/ VARIETY</td>
<td>MEDIA EC/PH</td>
<td>SOIL TEMPERATURE</td>
</tr>
<tr>
<td>------</td>
<td>----------</td>
<td>-------------------------------------</td>
<td>-------------------</td>
<td>-------------------</td>
</tr>
<tr>
<td>47</td>
<td>Erysimum</td>
<td>Bowles Me Away</td>
<td>EC 0.80 mmhos/pH 5.8-6.2</td>
<td>68-70°F (20-21°C)</td>
</tr>
<tr>
<td>46</td>
<td>Eupatorium</td>
<td>Little Joe</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
<td>70-72°F (21-22°C)</td>
</tr>
<tr>
<td>46</td>
<td>Eupatorium</td>
<td>Euphoria™ Ruby</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
<td>70-72°F (21-22°C)</td>
</tr>
<tr>
<td>49</td>
<td>Gaura</td>
<td>Ballerina™ Series, Belleza® Series</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
<td>68-73°F (20-23°C)</td>
</tr>
<tr>
<td>48</td>
<td>Gaura</td>
<td>Little Janie, Whiskers Deep Rose</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
<td>70-72°F (21-22°C)</td>
</tr>
<tr>
<td>50</td>
<td>Helium</td>
<td>Salud™ Series</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
<td>70-72°F (21-22°C)</td>
</tr>
<tr>
<td>51</td>
<td>Helianthus</td>
<td>Autumn Gold</td>
<td>EC 0.80 mmhos/pH 5.8-6.2</td>
<td>70-74°F (21-23°C)</td>
</tr>
<tr>
<td>51</td>
<td>Helios</td>
<td>Sunstruck</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
<td>70-72°F (21-22°C)</td>
</tr>
<tr>
<td>14</td>
<td>Heuchera</td>
<td>Carnival Series</td>
<td>EC 0.80-1.0 mmhos/pH 5.8-6.2</td>
<td>70-72°F (21-22°C)</td>
</tr>
<tr>
<td>15</td>
<td>Heuchera</td>
<td>Big Top Caramel Apple</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
<td>70-74°F (21-23°C)</td>
</tr>
<tr>
<td>53</td>
<td>Iberis</td>
<td>Summer Snowdrift</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
<td>70-72°F (21-22°C)</td>
</tr>
<tr>
<td>54</td>
<td>Iberis</td>
<td>Snowsation</td>
<td>EC 0.80 mmhos/pH 5.8-6.2</td>
<td>68-72°F (20-22°C)</td>
</tr>
<tr>
<td>57</td>
<td>Lavandula</td>
<td>Annet, SuperBlue</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
<td>70-72°F (21-22°C)</td>
</tr>
<tr>
<td>60, 61</td>
<td>Lavandula</td>
<td>Anouk Series, Bright Luxurious, Luxurious</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
<td>70-72°F (21-22°C)</td>
</tr>
<tr>
<td>59</td>
<td>Lavandula</td>
<td>Primavera</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
<td>70-72°F (21-22°C)</td>
</tr>
<tr>
<td>MIST</td>
<td>FERTILIZATION</td>
<td>PINching</td>
<td>TRANSPLANTING</td>
<td>COMMENTS</td>
</tr>
<tr>
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</tr>
<tr>
<td>Low</td>
<td>Begin feeding 50-75 ppm 10 days after sticking</td>
<td>Pinch 21-25 days after sticking</td>
<td>42-49 days after sticking</td>
<td>Don’t oversaturate media. Low mist levels work best.</td>
</tr>
<tr>
<td>High for first few days, then reduce to moderate</td>
<td>50-100 ppm N</td>
<td>Recommended</td>
<td>42-49 days after sticking</td>
<td></td>
</tr>
<tr>
<td>Low to moderate</td>
<td>50 ppm N starting at Day 7</td>
<td>Yes, pinch once in propagation around Day 21</td>
<td>42-49 days after sticking</td>
<td>Eupatorium are quite easy to root. Use a basal hormone tip to ensure rooting uniformity.</td>
</tr>
<tr>
<td>Low to moderate</td>
<td>75-100 ppm N when roots become visible: increase to 150-200 ppm N as roots develop</td>
<td>Yes, 7 days before transplanting</td>
<td>35-42 days after sticking</td>
<td>Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.</td>
</tr>
<tr>
<td>Low to moderate</td>
<td>50-75 ppm N when roots become visible</td>
<td>Recommended after roots are established. Leave 4-5 active internodes</td>
<td>35-42 days after sticking</td>
<td>Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.</td>
</tr>
<tr>
<td>Moderate</td>
<td>50-75 ppm N</td>
<td>Pinch once in the liner stage</td>
<td>42-49 days after sticking</td>
<td>Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.</td>
</tr>
<tr>
<td>Low</td>
<td>Feed at 100 ppm N after 9 days</td>
<td>Pinch once shoots elongate for best branching</td>
<td>35-42 days after sticking</td>
<td>Typically remove from propagation area after two weeks. Don’t keep rooting media excessively wet. Use long-day lighting when propagating when day length is less than 12 hours.</td>
</tr>
<tr>
<td>Low</td>
<td>50-75 ppm N when roots become visible</td>
<td>Recommended after roots are established. Leave 4-5 active internodes</td>
<td>35-42 days after sticking</td>
<td>Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C).</td>
</tr>
<tr>
<td>Low to moderate</td>
<td>50-75 ppm N after 14 days</td>
<td>Not necessary</td>
<td>8-10 weeks after sticking</td>
<td>Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C).</td>
</tr>
<tr>
<td>Low; prefers high humidity rather than mist</td>
<td>50 ppm N starting at Day 7</td>
<td>Not necessary</td>
<td>56-63 days after sticking</td>
<td>Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Review our Heuchera Tissue Culture guide at darwinperennials.com/Culture/ProductionGuides.</td>
</tr>
<tr>
<td>Low to moderate</td>
<td>50-75 ppm N when roots become visible</td>
<td>Recommended after roots are established. Leave active internodes</td>
<td>28-35 days after sticking</td>
<td>Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Cuttings typically arrive with flowers already induced due to cool night temperatures in Colombia. Non-induced cuttings require 6 weeks of night temperatures below 55°F (13°C) to flower.</td>
</tr>
<tr>
<td>Low to moderate</td>
<td>100 ppm N starting at Day 10</td>
<td>Yes, pinch after 4 weeks. Can be double pinched in the liner stage for even greater branching</td>
<td>42-49 days after sticking</td>
<td>Iberis benefit from a basal IBA dip prior to sticking. Do not over-mist or high losses can occur.</td>
</tr>
<tr>
<td>Low; prefers high humidity rather than mist.</td>
<td>50-75 ppm N</td>
<td>Recommended</td>
<td>42-56 days after sticking</td>
<td>Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.</td>
</tr>
<tr>
<td>Low; prefers high humidity rather than mist</td>
<td>50-75 ppm N</td>
<td>Recommended after roots are established. Leave 4-5 active internodes</td>
<td>42-56 days after sticking</td>
<td>Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.</td>
</tr>
<tr>
<td>Low; prefers high humidity rather than mist</td>
<td>50 ppm N starting at Day 7</td>
<td>Recommended after roots are established. Leave 4-5 active internodes</td>
<td>42-56 days after sticking</td>
<td>Use low mist settings; do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.</td>
</tr>
<tr>
<td>PAGE</td>
<td>CROP</td>
<td>SERIES/VARIETY</td>
<td>MEDIA EC/PH</td>
<td>SOIL TEMPERATURE</td>
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</tr>
<tr>
<td>65</td>
<td>LEUCANTHEMUM</td>
<td>Leucanthemum x superbum</td>
<td>Santé</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>65</td>
<td>LEUCANTHEMUM</td>
<td>Leucanthemum x superbum</td>
<td>White Magic</td>
<td>EC 0.80 mmhos/pH 5.8-6.4</td>
</tr>
<tr>
<td>63</td>
<td>LEUCANTHEMUM</td>
<td>Leucanthemum x superbum</td>
<td>Whitecap</td>
<td>EC 0.80 mmhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>68</td>
<td>LYSIMACHIA</td>
<td>Lysimachia alfredii</td>
<td>Night Light</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>68</td>
<td>LYSIMACHIA</td>
<td>Lysimachia congestiflora</td>
<td>Firefly</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>72</td>
<td>MONARDA</td>
<td>Monarda didyma</td>
<td>Balmy™ Series</td>
<td>EC 1.0-1.25 mmhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>71</td>
<td>MONARDA</td>
<td>Monarda didyma</td>
<td>Bee-Mine™ Series</td>
<td>EC 1.0-1.25 mmhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>78</td>
<td>NEPETA</td>
<td>Nepeta subsessilis</td>
<td>Prelude™ Series</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>77</td>
<td>NEPETA</td>
<td>Nepeta x faassenii</td>
<td>Junior Walker™</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>75</td>
<td>NEPETA</td>
<td>Nepeta x faassenii</td>
<td>Whispurr™ Series</td>
<td>EC 0.80 mmhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>80</td>
<td>PENSTEMON</td>
<td>Penstemon barbatus</td>
<td>Rock Candy® Series</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>82, 83</td>
<td>PENSTEMON</td>
<td>Penstemon hybrid</td>
<td>Cherry Sparks, MissionBells™ Series, Deep Rose, Quart2® Series</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>81</td>
<td>PENSTEMON</td>
<td>Penstemon hybrid</td>
<td>Mini-Bella™ Series</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>85, 84</td>
<td>PEROVSKIA</td>
<td>Perovskia atriplicifolia</td>
<td>CrazyBlue, Little Lace</td>
<td>EC 1.0-1.25 mmhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>90, 88</td>
<td>PHLOX</td>
<td>Phlox paniculata</td>
<td>Cherry Cream, Ka-Pow™ Series, Super Ka-Pow™ Series</td>
<td>EC 0.80 mmhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>104</td>
<td>SALVIA</td>
<td>Salvia greggii</td>
<td>Mirage™ Series</td>
<td>EC 0.75-0.80 mmhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>MIST</td>
<td>FERTILIZATION</td>
<td>PINCHING</td>
<td>TRANSPLANTING</td>
<td>COMMENTS</td>
</tr>
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</tr>
<tr>
<td>Low</td>
<td>50-75 ppm N</td>
<td>Not typically necessary.</td>
<td>42-56 days after sticking</td>
<td>Use low mist settings, do not oversaturate rooting media. Root zone temperatures of 70°F (21°C). Remove flowers in propagation.</td>
</tr>
<tr>
<td>Low to moderate</td>
<td>75-100 ppm N starting at Day 7</td>
<td>Pinch while young plants are soft and actively growing.</td>
<td>35-42 days after sticking</td>
<td>Pinch any premature buds as they become visible.</td>
</tr>
<tr>
<td>Low to moderate</td>
<td>50 ppm N starting at Day 7</td>
<td>Pinch 21 days after sticking.</td>
<td>35-42 days after sticking</td>
<td>For fastest, most reliable rooting, do not oversaturate rooting media.</td>
</tr>
<tr>
<td>Moderate to high for first 24 hours, then reduce to low.</td>
<td>50 ppm N starting at Day 7</td>
<td>One or two pinches prior to transplant.</td>
<td>42-49 days after sticking</td>
<td>Lysimachia should root quickly. Watch for oversaturated media.</td>
</tr>
<tr>
<td>Low to moderate</td>
<td>50 ppm N starting at Day 7</td>
<td>One or two pinches in propagation for fuller plants.</td>
<td>42-49 days after sticking</td>
<td>Lysimachia should root quickly. Watch for oversaturated media.</td>
</tr>
<tr>
<td>Moderate</td>
<td>50-75 ppm N</td>
<td>Recommended.</td>
<td>28-35 days after sticking</td>
<td>Do not oversaturate rooting media. Use long-day lighting when day length is less than 12 hours to keep plants actively growing.</td>
</tr>
<tr>
<td>Moderate</td>
<td>50-75 ppm N</td>
<td>Pinch once, prior to transplant.</td>
<td>35-42 days after sticking</td>
<td>Do not oversaturate rooting media. Use long-day lighting when day length is less than 12 hours to keep plants actively growing.</td>
</tr>
<tr>
<td>Moderate</td>
<td>50-75 ppm N</td>
<td>Recommended.</td>
<td>35-42 days after sticking</td>
<td>Roots quickly. Plan to pinch in liner tray.</td>
</tr>
<tr>
<td>Moderate</td>
<td>50-75 ppm N</td>
<td>Recommended.</td>
<td>35-42 days after sticking</td>
<td>Roots quickly. Plan to pinch in liner tray.</td>
</tr>
<tr>
<td>Low to moderate</td>
<td>50-75 ppm N</td>
<td>Yes, pinch 14-18 days after stick.</td>
<td>35-42 days after sticking</td>
<td>Nepeta root easily. Over-misting causes slow rooting and leaf spot diseases.</td>
</tr>
<tr>
<td>Moderate to high for first 24 hours, then reduce to low.</td>
<td>50-75 ppm N</td>
<td>Recommended.</td>
<td>35-42 days after sticking</td>
<td>Use low mist settings, do not oversaturate rooting media. Root zone temperatures of 70°F (21°C).</td>
</tr>
<tr>
<td>Moderate to high for first 24 hours, then reduce to low.</td>
<td>50-75 ppm N</td>
<td>Recommended.</td>
<td>35-42 days after sticking</td>
<td>Use low mist settings, do not oversaturate rooting media. Root zone temperatures of 70°F (21°C).</td>
</tr>
<tr>
<td>Low to moderate</td>
<td>50-75 ppm N when roots become visible</td>
<td>Recommended.</td>
<td>35-42 days after sticking</td>
<td>Use low mist settings, do not oversaturate rooting media.</td>
</tr>
<tr>
<td>Moderate to high for first 24 hours, then reduce to low.</td>
<td>50-75 ppm N after 10 days</td>
<td>Recommended.</td>
<td>35-42 days after sticking</td>
<td>Do not oversaturate rooting media. Allow media to dry moderately starting 10 days after sticking to encourage root development.</td>
</tr>
<tr>
<td>Low to moderate</td>
<td>75-100 ppm N starting at Day 7</td>
<td>Yes, while young plants are soft and actively growing.</td>
<td>42-49 days after sticking</td>
<td>Plants grow more actively under long days. Use 13-hour extended day lighting for Winter propagation.</td>
</tr>
<tr>
<td>Moderate</td>
<td>50-75 ppm N</td>
<td>Recommended after roots are established. Leave 4-5 active internodes.</td>
<td>36-42 days after sticking</td>
<td>Use low mist settings, do not oversaturate rooting media. Root zone temperatures of 70°F (21°C).</td>
</tr>
<tr>
<td>PAGE</td>
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<td>SERIES/ VARIETY</td>
<td>MEDIA EC/PH</td>
<td>SOIL TEMPERATURE</td>
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</tr>
<tr>
<td>103</td>
<td>SALVIA</td>
<td>Salvia greggii</td>
<td>Radio Red</td>
<td>0.75-0.80 mhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>106</td>
<td>SALVIA</td>
<td>Salvia hybrida</td>
<td>Arctic Blaze® Series</td>
<td>0.75-0.80 mhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>103</td>
<td>SALVIA</td>
<td>Salvia hybrida</td>
<td>Blue by You</td>
<td>0.75-0.80 mhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>99</td>
<td>SALVIA</td>
<td>Salvia nemorosa</td>
<td>Lyrical™ Series</td>
<td>0.75-0.80 mhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>98, 97</td>
<td>SALVIA</td>
<td>Salvia nemorosa</td>
<td>Blue Marvel, Rose Marvel, Sky Blue Marvel</td>
<td>0.80 mhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>108</td>
<td>SCABIOSA</td>
<td>Scabiosa columbaria</td>
<td>Flutter™ Series</td>
<td>0.80 mhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>110</td>
<td>SEDUM</td>
<td>Sedum rupestre</td>
<td>Prima Angelina</td>
<td>0.75-0.80 mhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>115</td>
<td>VERBENA</td>
<td>Verbena canadensis</td>
<td>Homestead Hot Pink</td>
<td>0.80 mhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>116</td>
<td>VERONICA</td>
<td>Veronica austriaca</td>
<td>Venice Blue</td>
<td>0.75-0.80 mhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>117</td>
<td>VERONICA</td>
<td>Veronica hybrida</td>
<td>Moody Blues® Series</td>
<td>0.75-0.80 mhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>116</td>
<td>VERONICA</td>
<td>Veronica longifolia</td>
<td>Forever Blue</td>
<td>0.75-0.80 mhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>118</td>
<td>VERONICA</td>
<td>Veronica x hybrida</td>
<td>Purpleicious</td>
<td>0.75-0.80 mhos/pH 5.8-6.2</td>
</tr>
<tr>
<td>119</td>
<td>VIOLA</td>
<td>Viola cornuta</td>
<td>Halo Series</td>
<td>0.80-1.0 mhos/pH 5.5-5.8</td>
</tr>
<tr>
<td>MIST</td>
<td>FERTILIZATION</td>
<td>PINCHING</td>
<td>TRANSPANTING</td>
<td>COMMENTS</td>
</tr>
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</tr>
<tr>
<td>Moderate</td>
<td>50-75 ppm N</td>
<td>Recommended after roots are established. Leave 4-5 active internodes.</td>
<td>35-42 days after sticking</td>
<td>Begin fertilizing 7 days after stick.</td>
</tr>
<tr>
<td>Moderate</td>
<td>50-75 ppm N</td>
<td>Recommended after roots are established. Leave 4-5 active internodes.</td>
<td>35-42 days after sticking</td>
<td>Roots quickly. Plan to pinch in liner tray.</td>
</tr>
<tr>
<td>Low</td>
<td>50-75 ppm N at Day 7</td>
<td>A soft pinch will increase branching.</td>
<td>35-42 days after sticking</td>
<td>Discontinue mist as quickly as possible and only mist to avoid leaf wilt. Begin feeding 7 days after sticking with 50-75 ppm N.</td>
</tr>
<tr>
<td>Low</td>
<td>50-75 ppm N at Day 7</td>
<td>A soft pinch will increase branching.</td>
<td>35-42 days after sticking</td>
<td>Discontinue mist as quickly as possible and only mist to avoid leaf wilt. Begin feeding 7 days after sticking with 50-75 ppm N.</td>
</tr>
<tr>
<td>Low</td>
<td>50-75 ppm N at Day 7</td>
<td>A soft pinch will increase branching.</td>
<td>35-42 days after sticking</td>
<td>Over-misting and saturated propagation media will dramatically delay rooting and increase rooting losses. Discontinue mist as quickly as possible and only mist to avoid leaf wilt.</td>
</tr>
<tr>
<td>Low to moderate</td>
<td>75-100 ppm N starting at Day 10</td>
<td>Typically not necessary. Remove premature flower buds as they appear.</td>
<td>42-49 days after sticking</td>
<td>Scabiosa cuttings are sensitive to over-misting and over-watering in propagation.</td>
</tr>
<tr>
<td>Very low</td>
<td>50-75 ppm N</td>
<td>Typically not necessary in propagation.</td>
<td>35-42 days after sticking</td>
<td>Do not over-mist. Oversaturated rooting media will slow the rooting process and contribute to stem rot. Remove from mist environment as soon as roots appear.</td>
</tr>
<tr>
<td>Low to moderate</td>
<td>50-75 ppm N starting Day 7</td>
<td>Yes, one to two times in propagation.</td>
<td>35-42 days after sticking</td>
<td>Do not oversaturate rooting media.</td>
</tr>
<tr>
<td>Moderate</td>
<td>50-75 ppm N</td>
<td>Recommended after roots are established. Leave 4-5 active internodes.</td>
<td>35-42 days after sticking</td>
<td>Roots quickly. Plan to pinch in liner tray.</td>
</tr>
<tr>
<td>Moderate</td>
<td>50-75 ppm N</td>
<td>Recommended after roots are established. Leave 4-5 active internodes.</td>
<td>35-42 days after sticking</td>
<td>Roots quickly. Plan to pinch in liner tray.</td>
</tr>
<tr>
<td>Moderate</td>
<td>50-75 ppm N</td>
<td>Recommended after roots are established. Leave 4-5 active internodes.</td>
<td>35-42 days after sticking</td>
<td>Roots quickly. Plan to pinch in liner tray.</td>
</tr>
<tr>
<td>Moderate</td>
<td>50-75 ppm N</td>
<td>Recommended after roots are established. Leave 4-5 active internodes.</td>
<td>35-42 days after sticking</td>
<td>Roots quickly. Plan to pinch in liner tray.</td>
</tr>
<tr>
<td>Moderate for first 24-48 hours, then reduce to low.</td>
<td>50-75 ppm N at Day 7</td>
<td>Soft pinch recommended 25-28 days after sticking.</td>
<td>35-42 days after sticking</td>
<td>Excessive media moisture will slow rooting. Begin fertilizing at Day 7 with 75 ppm N.</td>
</tr>
<tr>
<td>PAGE</td>
<td>CROP</td>
<td>SERIES/ VARIETY</td>
<td>MEDIA PH</td>
<td>TEMPERATURE</td>
</tr>
<tr>
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<tr>
<td>24</td>
<td>ACHILLEA</td>
<td>Achillea millefolium</td>
<td>Moon Dust</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>23</td>
<td>ACHILLEA</td>
<td>Achillea millefolium</td>
<td>Milly Rock™ Series</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>21, 24</td>
<td>ACHILLEA</td>
<td>Achillea millefolium</td>
<td>New Vintage™ Series, Song Siren™ Layla</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>27</td>
<td>AGASTACHE</td>
<td>Agastache rugosa</td>
<td>Little Adder</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>29</td>
<td>ALYSSUM</td>
<td>Alyssum nudiflorum</td>
<td>Golden Spring</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>32</td>
<td>ARMERIA</td>
<td>Armeria pseudarmeria</td>
<td>Dreameria® Series</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>30</td>
<td>ARTEMISIA</td>
<td>Artemisia gmelini</td>
<td>SunFern™ Collection</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>34</td>
<td>BUDDLEIA</td>
<td>Buddleia davidii</td>
<td>Chrysalis™ Series</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>38</td>
<td>CARYOPTERIS</td>
<td>Caryopteris x clandonensis</td>
<td>Gold Crest</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>38</td>
<td>CARYOPTERIS</td>
<td>Caryopteris x clandonensis</td>
<td>Grand Bleu®</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>42</td>
<td>COREOPSIS</td>
<td>Coreopsis grandiflora</td>
<td>Sunny Day</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>39</td>
<td>COREOPSIS</td>
<td>Coreopsis hybridra</td>
<td>Electric Sunshine</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>39</td>
<td>COREOPSIS</td>
<td>Coreopsis hybridra</td>
<td>Golden Stardust</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>40, 41</td>
<td>COREOPSIS</td>
<td>Coreopsis hybridra</td>
<td>Super Star, UpTick™ Series</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>42</td>
<td>COREOPSIS</td>
<td>Coreopsis verticillata</td>
<td>Creme Caramel</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>PINCHING AFTER TRANSPLANT</td>
<td>PLANT GROWTH REGULATORS</td>
<td>PESTS AND FUNGAL DISEASES</td>
<td>CROP SCHEDULE &amp; USES</td>
<td>1-GAL (15-CM) POT, 1 PLANT PER POT</td>
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</tr>
<tr>
<td>Recommended</td>
<td>PGRs generally not needed</td>
<td>Pythium and rhizoctonia can result from overwatering.</td>
<td>Unrooted: 13-15 wks Rooted: 8-10 wks</td>
<td>Unrooted: 15-17 wks Rooted: 10-12 wks</td>
</tr>
<tr>
<td>Typically not required</td>
<td>PGRs generally not needed</td>
<td>Aphids on the buds</td>
<td>Rooted: 6 wks Rooted: 6-8 wks</td>
<td>Not recommended</td>
</tr>
<tr>
<td>Typically not required</td>
<td>PGRs generally not needed</td>
<td>Pythium and rhizoctonia can result from overwatering.</td>
<td>Unrooted: 13-15 wks Rooted: 8-10 wks</td>
<td>Unrooted: 15-17 wks Rooted: 10-12 wks</td>
</tr>
<tr>
<td>Recommended</td>
<td>PGRs generally not needed</td>
<td>Thrips, white fly</td>
<td>Not recommended</td>
<td>Unrooted: 15-17 wks Rooted: 10-12 wks</td>
</tr>
<tr>
<td>Recommended</td>
<td>PGRs generally not needed</td>
<td>None noted</td>
<td>Unrooted: stick week 30-35 Rooted: plant week 35-40</td>
<td>Unrooted: stick week 26-32 Rooted: plant week 31-36</td>
</tr>
<tr>
<td>None</td>
<td>PGRs generally not needed</td>
<td>Watch for crown rot if overwatered.</td>
<td>Liner: 10-12 wks Liner: 14-16 wks Liner: 16-18 wks</td>
<td>10-12 in. (25-30 cm)</td>
</tr>
<tr>
<td>Typically not required</td>
<td>B-Nine/ Cycocel sprays 2,500/1,000 ppm</td>
<td>Not particularly sensitive. Use well-drained media.</td>
<td>Not recommended</td>
<td>Rooted: 6-8 wks</td>
</tr>
<tr>
<td>Typically not required</td>
<td>PGRs generally not needed</td>
<td>Not particularly sensitive. Use well-drained media.</td>
<td>Not recommended</td>
<td>8-10 wks</td>
</tr>
<tr>
<td>One pinch, two to three weeks after transplant.</td>
<td>PGRs generally not needed</td>
<td>Thrips, spider mites</td>
<td>Not recommended</td>
<td>Rooted: 12-14 wks</td>
</tr>
<tr>
<td>None</td>
<td>PGRs generally not needed</td>
<td>Spider mites</td>
<td>Not recommended</td>
<td>Rooted: 12-14 wks</td>
</tr>
<tr>
<td>Recommended</td>
<td>B-Nine 1,500 ppm/Cycocel 800 ppm tank mix for height control</td>
<td>Keep good air movement to control powdery mildew.</td>
<td>Not recommended</td>
<td>Unrooted: 15-17 wks Rooted: 10-12 wks</td>
</tr>
<tr>
<td>Yes, as needed.</td>
<td>PGRs generally not needed</td>
<td>Spider mites, thrips</td>
<td>Not recommended</td>
<td>Rooted: 8-10 wks</td>
</tr>
<tr>
<td>Yes</td>
<td>PGRs generally not needed</td>
<td>Spider mites, thrips</td>
<td>Rooted: 7-8 wks</td>
<td>Rooted: 10-12 wks</td>
</tr>
<tr>
<td>Yes</td>
<td>PGRs generally not needed</td>
<td>Spider mites, thrips</td>
<td>Not recommended</td>
<td>Rooted: 10-12 wks</td>
</tr>
<tr>
<td>Recommended</td>
<td>PGRs generally not needed</td>
<td>Powdery mildew, aphids</td>
<td>Not recommended</td>
<td>Unrooted: 15-17 wks Rooted: 10-12 wks</td>
</tr>
<tr>
<td>PAGE</td>
<td>CROP</td>
<td>SERIES/VARIETY</td>
<td>MEDIA PH</td>
<td>TEMPERATURE</td>
</tr>
<tr>
<td>------</td>
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</tr>
<tr>
<td>42</td>
<td>COREOPSIS</td>
<td>Echinacea verticillata</td>
<td>Sylvester</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>44</td>
<td>DELOSPERMA</td>
<td>Delosperma hybridum</td>
<td>Ocean Sunset™ Series</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>18</td>
<td>DIANTHUS</td>
<td>Dianthus hybridum</td>
<td>Mountain Frost™ Collection</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>45</td>
<td>DIGITALIS</td>
<td>Digitalis hybridum</td>
<td>Arctic Fox Rose</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>12</td>
<td>ECHINACEA</td>
<td>Echinacea x hybrid</td>
<td>Double Scoop™ Series</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>10</td>
<td>ECHINACEA</td>
<td>Echinacea x hybrid</td>
<td>Sombrero® Series</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>11</td>
<td>ECHINACEA</td>
<td>Echinacea x hybrid</td>
<td>Sombrero Poco™ Series</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>47</td>
<td>ERYSIMUM</td>
<td>Erysimum tinitifolium</td>
<td>Bowies Me Away</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>46</td>
<td>EUPATORIUM</td>
<td>Eupatorium dubium</td>
<td>Little Joe</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>46</td>
<td>EUPATORIUM</td>
<td>Eupatorium purpureum</td>
<td>Euphonia™ Ruby</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>49</td>
<td>GAURA</td>
<td>Gaura lindheimeri</td>
<td>Ballerina™ Series, Belleza® Series</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>48</td>
<td>GAURA</td>
<td>Gaura lindheimeri</td>
<td>Little Janie, Whiskers Deep Rose</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>50</td>
<td>HELENIUM</td>
<td>Helenium autumnale</td>
<td>Salud™ Series</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>51</td>
<td>HELIANTHUS</td>
<td>Helianthus angustifolius</td>
<td>Autumn Gold</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>51</td>
<td>HELIOPSIS</td>
<td>Heliosis helianthoides</td>
<td>Sunstruck</td>
<td>5.8-6.2</td>
</tr>
<tr>
<td>PINCHING AFTER TRANSPLANT</td>
<td>PLANT GROWTH REGULATORS</td>
<td>PESTS AND FUNGAL DISEASES</td>
<td>CROP SCHEDULE &amp; USES</td>
<td>HEIGHT</td>
</tr>
<tr>
<td>---------------------------</td>
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</tr>
<tr>
<td>Recommended</td>
<td>PGRs generally not needed</td>
<td>Manage soil moisture to avoid root diseases.</td>
<td>Unrooted: 13-15 wks</td>
<td>16-20 in.</td>
</tr>
<tr>
<td>Typically not required</td>
<td>PGRs generally not needed</td>
<td>Aphids on the buds</td>
<td>Rooted: 6 wks</td>
<td>4-6 in.</td>
</tr>
<tr>
<td>None</td>
<td>PGRs generally not needed</td>
<td>Thrips, carnation mottle virus</td>
<td>18-20 wks, including 6 wks below 50°F (10°C)</td>
<td>18-24 in.</td>
</tr>
<tr>
<td>Recommended for more flowers per plant. Not required</td>
<td>PGRs generally not needed</td>
<td>Aphids, white fly, spider mites</td>
<td>Not recommended</td>
<td>18-24 in.</td>
</tr>
<tr>
<td>Only to remove premature flower buds.</td>
<td>PGRs generally not needed</td>
<td>Not particularly sensitive. Use well-drained media.</td>
<td>Not recommended</td>
<td>18-24 in.</td>
</tr>
<tr>
<td>Only to remove premature flower buds.</td>
<td>PGRs generally not needed</td>
<td>Not particularly sensitive. Use well-drained media.</td>
<td>Not recommended</td>
<td>18-24 in.</td>
</tr>
<tr>
<td>Yes, a second pinch is often beneficial.</td>
<td>Sumagic 5-10 ppm spray</td>
<td>Watch for bacterial infections.</td>
<td>6-8 wks</td>
<td>18-24 in.</td>
</tr>
<tr>
<td>Recommended</td>
<td>Concise/Sumagic 30-60 ppm spray</td>
<td>None noted</td>
<td>Not recommended</td>
<td>36-48 in.</td>
</tr>
<tr>
<td>One pinch. two to three weeks after transplant.</td>
<td>PGRs generally not needed</td>
<td>Aphids, white fly, spider mites</td>
<td>Not recommended</td>
<td>12-14 wks</td>
</tr>
<tr>
<td>Recommended</td>
<td>PGRs generally not needed</td>
<td>Pythium, rhizoctonia, botrytis</td>
<td>Unrooted: 10-13 wks</td>
<td>24-32 in.</td>
</tr>
<tr>
<td>Recommended</td>
<td>PGRs generally not needed</td>
<td>Spider mites, aphids</td>
<td>Unrooted: 12-14 wks</td>
<td>14-18 in.</td>
</tr>
<tr>
<td>Yes</td>
<td>PGRs generally not needed</td>
<td>Spider mites, thrips</td>
<td>Not recommended</td>
<td>14-16 in.</td>
</tr>
<tr>
<td>Typically not necessary if plants were pinched in the liner.</td>
<td>PGRs generally not needed</td>
<td>Very pest and disease resistant.</td>
<td>Not recommended</td>
<td>12-14 wks. Plant Week</td>
</tr>
<tr>
<td>Recommended</td>
<td>PGRs generally not needed</td>
<td>Pythium and rhizoctonia can result from overwatering. Thrips, white fly, aphids.</td>
<td>Unrooted: 14-16 wks</td>
<td>14-16 in.</td>
</tr>
<tr>
<td>PAGE</td>
<td>CROP</td>
<td>SERIES / VARIETY</td>
<td>TEMPERATURE</td>
<td>DAYLENGTH</td>
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<tr>
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<tr>
<td>14</td>
<td>HEUCHERA&lt;br&gt;Heuchera x hybrida</td>
<td>Carnival Series</td>
<td>5.8-6.2 Nights: 50 to 55°F (10 to 13°C) Days: 60 to 65°F (18 to 18°C)</td>
<td>Day length neutral</td>
</tr>
<tr>
<td>15</td>
<td>HEUCHERA&lt;br&gt;Heuchera x villosa</td>
<td>Big Top Caramel Apple</td>
<td>5.8-6.2 Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 28°C)</td>
<td>Day length neutral</td>
</tr>
<tr>
<td>53</td>
<td>IBERIS&lt;br&gt;Iberis hybrid</td>
<td>Summer Snowdrift</td>
<td>5.8-6.2 Nights: 45 to 55°F (7 to 13°C) Days: 55 to 65°F (13 to 18°C)</td>
<td>Day length neutral</td>
</tr>
<tr>
<td>54</td>
<td>IBERIS&lt;br&gt;Iberis sempervirens</td>
<td>Snowsation</td>
<td>5.8-6.2 45 to 60°F (7 to 16°C)</td>
<td>Day length neutral</td>
</tr>
<tr>
<td>57</td>
<td>LAVANDULA&lt;br&gt;Lavandula angustifolia</td>
<td>Annet</td>
<td>5.8-6.2 Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)</td>
<td>Long day facultative</td>
</tr>
<tr>
<td>57</td>
<td>LAVANDULA&lt;br&gt;Lavandula angustifolia</td>
<td>SuperBlue</td>
<td>5.9-6.2 Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)</td>
<td>Long day facultative</td>
</tr>
<tr>
<td>60-61</td>
<td>LAVANDULA&lt;br&gt;Lavandula stoechas</td>
<td>Anouk&lt;br&gt;Series, Bright Luxurious, Luxurious</td>
<td>5.8-6.2 Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)</td>
<td>Day length neutral</td>
</tr>
<tr>
<td>59</td>
<td>LAVANDULA&lt;br&gt;Lavandula stoechas</td>
<td>Primavera</td>
<td>5.8-6.2 Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)</td>
<td>Day length neutral</td>
</tr>
<tr>
<td>65</td>
<td>LEUCANTHEMUM&lt;br&gt;Leucanthemum x superbum</td>
<td>Santé</td>
<td>5.8-6.2 Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)</td>
<td>Long day obligate</td>
</tr>
<tr>
<td>65</td>
<td>LEUCANTHEMUM&lt;br&gt;Leucanthemum x superbum</td>
<td>White Magic</td>
<td>5.8-6.2 Nights: 55°F (13°C) Days: 68°F (20°C)</td>
<td>Long day facultative</td>
</tr>
<tr>
<td>63</td>
<td>LEUCANTHEMUM&lt;br&gt;Leucanthemum x superbum</td>
<td>Whitecap</td>
<td>5.8-6.2 Nights: 55°F (13°C) Days: 68°F (20°C)</td>
<td>Long day facultative</td>
</tr>
<tr>
<td>68</td>
<td>LYSIMACHIA&lt;br&gt;Lysimachia aalfriedii</td>
<td>Night Light</td>
<td>5.8-6.2 Nights: 55 to 65°F (13 to 18°C) Days: 65 to 75°F (18 to 24°C)</td>
<td>Day length neutral</td>
</tr>
<tr>
<td>68</td>
<td>LYSIMACHIA&lt;br&gt;Lysimachia congestiflora</td>
<td>Firefly</td>
<td>5.8-6.2 Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)</td>
<td>Day length neutral</td>
</tr>
<tr>
<td>PINCHING AFTER TRANSPLANT</td>
<td>PLANT GROWTH REGULATORS</td>
<td>PESTS AND FUNGAL DISEASES</td>
<td>CROP SCHEDULE &amp; USES</td>
<td>HARDINESS ZONES</td>
</tr>
<tr>
<td>---------------------------</td>
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</tr>
<tr>
<td>None</td>
<td>PGRs generally not needed</td>
<td>Pythium and rhizoctonia can result from overwatering.</td>
<td>6-8 wks</td>
<td>1-3 pp</td>
</tr>
<tr>
<td>None</td>
<td>PGRs generally not needed</td>
<td>Watch for crown rot if overwatered.</td>
<td>Not recommended</td>
<td>Unrooted: 6-8 wks</td>
</tr>
<tr>
<td>Recommended</td>
<td>PGRs generally not needed</td>
<td>May experience root rot, diseases under poor growing conditions, Aphids.</td>
<td>Unrooted: 10-14 wks Rooted: 8-10 wks</td>
<td>Unrooted: 16-18 wks Rooted: 10-12 wks</td>
</tr>
<tr>
<td>Only if pinching not done in the liner stage.</td>
<td>PGRs generally not needed</td>
<td>Not particularly sensitive.</td>
<td>24 wks; requires vernalization</td>
<td>Not recommended</td>
</tr>
<tr>
<td>Once for smaller pot sizes, twice for larger containers.</td>
<td>PGRs generally not needed</td>
<td>Thielaviopsis, pythium and rhizoctonia can result from overwatering, Thrips, white fly, aphids, fungus gnats.</td>
<td>Unrooted: 14-16 wks Rooted: 7-8 wks</td>
<td>Unrooted: 16-19 wks Rooted: 9-11 wks</td>
</tr>
<tr>
<td>Once for smaller pot sizes, twice for larger containers.</td>
<td>PGRs generally not needed</td>
<td>Thielaviopsis, pythium and rhizoctonia can result from overwatering, Thrips, white fly, aphids, fungus gnats.</td>
<td>Unrooted: 14-16 wks Rooted: 7-8 wks</td>
<td>Unrooted: 16-19 wks Rooted: 9-11 wks</td>
</tr>
<tr>
<td>Recommended</td>
<td>PGRs generally not needed</td>
<td>Thielaviopsis, pythium and rhizoctonia can result from overwatering, Thrips, white fly, aphids, fungus gnats.</td>
<td>7-10 wks</td>
<td>9-11 wks, 1-3 pp</td>
</tr>
<tr>
<td>A final pinching 8 to 10 weeks before flowering will help to increase flower count.</td>
<td>PGRs generally not needed</td>
<td>Thielaviopsis, pythium and rhizoctonia can result from overwatering, Thrips, white fly, aphids, fungus gnats.</td>
<td>7-10 wks</td>
<td>9-11 wks</td>
</tr>
<tr>
<td>Recommended</td>
<td>PGRs generally not needed</td>
<td>Watch for leaf spots when growing in wet conditions.</td>
<td>Not recommended</td>
<td>Unrooted: 15-17 wks Rooted: 10-12 wks</td>
</tr>
<tr>
<td>Typically not required</td>
<td>B-Nine/ Cycoceol at 1300/1800 ppm will reduce plant height</td>
<td>Watch for aphids when in bud.</td>
<td>Not recommended</td>
<td>Rooted: 8-10 wks</td>
</tr>
<tr>
<td>Typically not required</td>
<td>PGRs generally not needed</td>
<td>Watch for crown rot if overwatered.</td>
<td>7-10 wks</td>
<td>9-11 wks</td>
</tr>
<tr>
<td>Typically not required</td>
<td>PGRs generally not needed</td>
<td>Not particularly sensitive. Use well-drained media.</td>
<td>6-8 wks</td>
<td>9-11 wks</td>
</tr>
<tr>
<td>Typically not required</td>
<td>PGRs generally not needed</td>
<td>Watch for crown rot if overwatered.</td>
<td>6-8 wks</td>
<td>9-11 wks</td>
</tr>
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<td>PAGE</td>
<td>CROP</td>
<td>VARIETY/ SERIES</td>
<td>MEDIA PH</td>
<td>TEMPERATURE</td>
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<tr>
<td>17</td>
<td>MISCANTHUS</td>
<td>Bandwidth</td>
<td>5.8-6.5</td>
<td>65 to 75°F (18 to 24°C)</td>
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<tr>
<td>17</td>
<td>MISCANTHUS</td>
<td>My Fair Maiden</td>
<td>5.8-6.5</td>
<td>65 to 75°F (18 to 24°C)</td>
</tr>
<tr>
<td>72</td>
<td>MONARDA</td>
<td>Balmy™ Series</td>
<td>5.8-6.2</td>
<td>Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)</td>
</tr>
<tr>
<td>71</td>
<td>MONARDA</td>
<td>Bee-Mine™ Series</td>
<td>5.8-6.2</td>
<td>Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)</td>
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<tr>
<td>78</td>
<td>NEPETA</td>
<td>Prelude™ Series</td>
<td>5.8-6.2</td>
<td>Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)</td>
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<tr>
<td>77</td>
<td>NEPETA</td>
<td>Junior Walker™ Series</td>
<td>5.8-6.2</td>
<td>Nights: 55 to 65°F (13 to 18°C) Days: 60 to 80°F (15 to 27°C)</td>
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<td>75</td>
<td>NEPETA</td>
<td>Whispurr™ Series</td>
<td>5.8-6.2</td>
<td>Nights: 55 to 65°F (13 to 18°C) Days: 60 to 80°F (15 to 27°C)</td>
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<tr>
<td>80</td>
<td>PENSTEMON</td>
<td>Rock Candy® Series</td>
<td>5.8-6.2</td>
<td>Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)</td>
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<tr>
<td>82</td>
<td>PENSTEMON</td>
<td>Cherry Sparks</td>
<td>5.8-6.2</td>
<td>Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)</td>
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<tr>
<td>81</td>
<td>PENSTEMON</td>
<td>Mini-Bells™ Series</td>
<td>5.8-6.2</td>
<td>Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)</td>
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<tr>
<td>83</td>
<td>PENSTEMON</td>
<td>MissionBells™ Deep Rose</td>
<td>5.8-6.2</td>
<td>Nights: 45 to 70°F (7 to 21°C) Days: 55 to 65°F (13 to 23°C)</td>
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<tr>
<td>83</td>
<td>PENSTEMON</td>
<td>Quartz™ Series</td>
<td>5.8-6.2</td>
<td>Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)</td>
</tr>
<tr>
<td>85, 84</td>
<td>PEROVSKIA</td>
<td>CrazyBlue. Little Lace</td>
<td>5.8-6.2</td>
<td>Nights: 55 to 65°F (13 to 18°C) Days: 60 to 65°F (16 to 18°C)</td>
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<td>90, 87</td>
<td>PHLOX</td>
<td>Cherry Cream. Ka-Pow™ Series</td>
<td>5.8-6.2</td>
<td>60 to 75°F (16 to 24°C)</td>
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<td>88</td>
<td>PHLOX</td>
<td>Super Ka-Pow™ Series</td>
<td>5.8-6.2</td>
<td>Nights: 56 to 64°F (13 to 18°C) Days: 65 to 76°F (18 to 24°C)</td>
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<tr>
<td>PINCHING AFTER TRANSPLANT</td>
<td>PLANT GROWTH REGULATORS</td>
<td>PESTS AND DISEASES</td>
<td>CROP SCHEDULE &amp; USES</td>
<td>1-QT (10-CM) POT, 1 PLANT PER POT</td>
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<tr>
<td>--------------------------</td>
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<td>----------------------------------</td>
</tr>
<tr>
<td>No</td>
<td>None</td>
<td>Rust resistant</td>
<td>8-10 wks</td>
<td>14-16 wks</td>
</tr>
<tr>
<td>No</td>
<td>None</td>
<td>Rust resistant</td>
<td>Not recommended</td>
<td>16-18 wks</td>
</tr>
<tr>
<td>Recommended</td>
<td>PGRs generally not needed</td>
<td>Powdery mildew may be present if grown under poor air circulation and high humidity. White fly, spider mites.</td>
<td>Unrooted: 12-14 wks Rooted: 8-10 wks</td>
<td>Unrooted: 14-16 wks Rooted: 10-12 wks</td>
</tr>
<tr>
<td>Typically not required</td>
<td>PGRs generally not needed</td>
<td>Powdery mildew when pressure is high.</td>
<td>Not recommended</td>
<td>9-11 wks</td>
</tr>
<tr>
<td>Not necessary when pinched in liner.</td>
<td>Use B-Nine/ Cycoect 2,500/800 ppm to control height</td>
<td>Aphisids, white fly, spider mites</td>
<td>Not recommended</td>
<td>Unrooted: 15-17 wks Rooted: 10-12 wks</td>
</tr>
<tr>
<td>Recommended</td>
<td>PGRs generally not needed</td>
<td>White fly</td>
<td>Unrooted: 10-14 wks Rooted: 8-10 wks</td>
<td>Unrooted: 16-17 wks Rooted: 10-12 wks</td>
</tr>
<tr>
<td>Typically not required</td>
<td>B-Nine/ Cycoect sprays 2,500/1,000 ppm</td>
<td>Spider mites, thrips</td>
<td>Not recommended</td>
<td>9-11 wks</td>
</tr>
<tr>
<td>Yes</td>
<td>PGRs generally not needed</td>
<td>Spider mites, thrips, Watch for INSV/TSWV.</td>
<td>Unrooted: 10-14 wks Rooted: 8-10 wks</td>
<td>Unrooted: 15-17 wks Rooted: 10-12 wks</td>
</tr>
<tr>
<td>Yes</td>
<td>PGRs generally not needed</td>
<td>White fly, spider mites</td>
<td>Not recommended</td>
<td>Rooted: 10-12 wks</td>
</tr>
<tr>
<td>Yes</td>
<td>PGRs generally not needed</td>
<td>Aphids, spider mites</td>
<td>Unrooted: 10-14 wks Rooted: 8-10 wks</td>
<td>Unrooted: 15-17 wks Rooted: 10-12 wks</td>
</tr>
<tr>
<td>Yes</td>
<td>PGRs generally not needed</td>
<td>White fly, spider mites</td>
<td>Not recommended</td>
<td>Rooted: 10-12 wks</td>
</tr>
<tr>
<td>Yes</td>
<td>PGRs generally not needed</td>
<td>Spider mites</td>
<td>Not recommended</td>
<td>Unrooted: 19-22 wks Rooted: 12-14 wks</td>
</tr>
<tr>
<td>Recommended</td>
<td>PGRs generally not needed</td>
<td>Powdery mildew when pressure is high.</td>
<td>Not recommended</td>
<td>Rooted: 10-12 wks</td>
</tr>
<tr>
<td>Yes, in cases where there are two or less shoots.</td>
<td>Configure at 600 ppm to increase branching</td>
<td>Powdery mildew when pressure is high.</td>
<td>Not recommended</td>
<td>Rooted: 10-12 wks</td>
</tr>
<tr>
<td>Yes, in cases where there are two or less shoots.</td>
<td>Configure at 600 ppm to increase branching</td>
<td>Powdery mildew when pressure is high.</td>
<td>Not recommended</td>
<td>Rooted: 10-12 wks</td>
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<tr>
<td>PAGE</td>
<td>CROP</td>
<td>SERIES/ VARIETY</td>
<td>PH</td>
<td>TEMPERATURE</td>
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<td>116</td>
<td>SEDUM</td>
<td>Prima Angelina</td>
<td>5.8-6.2</td>
<td>Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)</td>
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<tr>
<td>117</td>
<td>VERBENA</td>
<td>Homestead Hot Pink</td>
<td>5.8-6.2</td>
<td>Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)</td>
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<tr>
<td>118</td>
<td>VERONICA</td>
<td>Moody Blues® Series</td>
<td>5.8-6.2</td>
<td>Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)</td>
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<tr>
<td>119</td>
<td>VIOLA</td>
<td>Halo Series</td>
<td>5.5-5.8</td>
<td>Nights: 55 to 70°F (13 to 21°C) Days: 60 to 80°F (15 to 27°C)</td>
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**Product information and culture charts at darwinperennials.com**
<table>
<thead>
<tr>
<th>PINCHING AFTER TRANSPLANT</th>
<th>PLANT GROWTH REGULATORS</th>
<th>PESTS AND FUNGAL DISEASES</th>
<th>CROP SCHEDULE &amp; USES</th>
<th>HEIGHT</th>
<th>USDA HARDINESS ZONES</th>
<th>BLOOM MONTHS</th>
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</thead>
<tbody>
<tr>
<td>Yes</td>
<td>PGRs generally not needed</td>
<td>White fly, thrips</td>
<td>Rooted: 6-8 wks</td>
<td>12-14 in. (30-36 cm)</td>
<td>7-9</td>
<td>March to September</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Unrooted: 8-10 wks</td>
<td>Rooted: 12-14 wks</td>
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<tr>
<td></td>
<td></td>
<td>1-qt(10-cm) pot, 1 plant per pot</td>
<td>2 to 3-gal. (25-30 cm) pot, 3 plants per pot</td>
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<td></td>
<td></td>
<td></td>
<td>1-gal. (15-cm) pot, 1 plant per pot</td>
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<tr>
<td>Once for smaller pot sizes, twice for larger containers.</td>
<td>PGRs generally not needed</td>
<td>White fly, spider mites, botrytis</td>
<td>Unrooted: 12-14 wks</td>
<td>16-18 in. (41-46 cm)</td>
<td>7-10</td>
<td>March to September</td>
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<tr>
<td></td>
<td></td>
<td>Rooted: 8-10 wks</td>
<td>Rooted: 12-14 wks</td>
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<td>Unrooted: 14-16 wks</td>
<td>Unrooted: 16-18 wks</td>
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<tr>
<td></td>
<td></td>
<td>Rooted: 10-12 wks</td>
<td>Rooted: 12-14 wks</td>
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<td></td>
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<td>Unrooted: 18-18 wks</td>
<td>24 in. (61 cm)</td>
<td>6-11</td>
<td>March to September</td>
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<td>Rooted: 10-12 wks</td>
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<tr>
<td>Yes</td>
<td>PGRs generally not needed</td>
<td>White fly, spider mites</td>
<td>Unrooted: 13-15 wks</td>
<td>10-16 in. (25-41 cm)</td>
<td>4-9</td>
<td>March to September</td>
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<td>Rooted: 8-10 wks</td>
<td>Rooted: 12-14 wks</td>
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<td>Unrooted: 15-17 wks</td>
<td>Unrooted: 17-19 wks</td>
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<td></td>
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<td>Unrooted: 17-19 wks</td>
<td>22-24 in. (56-61 cm)</td>
<td>4-9</td>
<td>March to September</td>
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<td>Rooted: 12-14 wks</td>
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<tr>
<td>Yes</td>
<td>PGRs generally not needed</td>
<td>White fly, spider mites, botrytis</td>
<td>Unrooted: 13-15 wks</td>
<td>10-14 in. (25-30 cm)</td>
<td>5-9</td>
<td>March to September</td>
</tr>
<tr>
<td></td>
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<td>Rooted: 8-10 wks</td>
<td>Rooted: 12-14 wks</td>
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<td>Unrooted: 15-17 wks</td>
<td>Unrooted: 17-19 wks</td>
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<td>Rooted: 10-12 wks</td>
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<td></td>
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<td>Unrooted: 17-19 wks</td>
<td>22-24 in. (56-61 cm)</td>
<td>4-9</td>
<td>March to September</td>
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<td>Rooted: 12-14 wks</td>
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</tr>
<tr>
<td>Typically not required</td>
<td>Will respond to 300 ppm Configure spray at young plant level</td>
<td>Spider mites</td>
<td>Not recommended</td>
<td>10-12 wks</td>
<td>12-14 wks</td>
<td>10-16 in. (25-41 cm)</td>
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<td>PGRs generally not needed</td>
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<tr>
<td>Typically not required</td>
<td>Very disease resistant. Watch for root and crown rot under poor growing conditions.</td>
<td>Not recommended</td>
<td>Rooted: 10-12 wks</td>
<td>10-14 in. (25-30 cm)</td>
<td>5-9</td>
<td>March to September</td>
</tr>
<tr>
<td>PGRs generally not needed</td>
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<td></td>
<td>Rooted: 12-14 wks</td>
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<tr>
<td>Typically not required</td>
<td>B-Nine/ Cycoceol sprays 2,500/1,000 ppm</td>
<td>Generally pest free</td>
<td>Unrooted: 10-12 wks</td>
<td>3-6 in. (8-15 cm)</td>
<td>4-9 Non-flowering</td>
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<td>PGRs generally not needed</td>
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<td>Rooted: 6 wks</td>
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</tr>
<tr>
<td>Typically not required</td>
<td>Aphids</td>
<td>Unrooted: 10-14 wks</td>
<td>Unrooted: 15-17 wks</td>
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<tr>
<td>PGRs generally not needed</td>
<td></td>
<td>Rooted: 8-10 wks</td>
<td>Rooted: 12-14 wks</td>
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<tr>
<td>Yes</td>
<td>Aphids, white fly</td>
<td>Unrooted: Plant by Week 40 (North), Week 45 (South)</td>
<td>Unrooted: Plant by Week 32 (North), Week 37 (South)</td>
<td>10-12 in. (25-30 cm)</td>
<td>4-9</td>
<td>March to April</td>
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<tr>
<td></td>
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<td>Rooted: Stick by Week 35 (North), Week 40 (South)</td>
<td>Rooted: Stick by Week 28 (North), Week 32 (South)</td>
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<td>Unrooted: Plant by Week 35 (North), Week 40 (South)</td>
<td>Unrooted: Plant by Week 32 (North), Week 37 (South)</td>
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<tr>
<td>Yes</td>
<td>Aphids, white fly</td>
<td>Unrooted: 10-14 wks</td>
<td>Unrooted: 16-18 wks</td>
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<tr>
<td>PGRs generally not needed</td>
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<td>Rooted: 8-10 wks</td>
<td>Rooted: 12-14 wks</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Yes</td>
<td>Aphids, white fly</td>
<td>Unrooted: 14-16 wks</td>
<td>Unrooted: 16-18 wks</td>
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<td>PGRs generally not needed</td>
<td></td>
<td>Rooted: 10-12 wks</td>
<td>Rooted: 12-14 wks</td>
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</tr>
<tr>
<td>Yes</td>
<td>Aphids, white fly</td>
<td>Unrooted: 14-16 wks</td>
<td>Unrooted: 16-18 wks</td>
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<tr>
<td>PGRs generally not needed</td>
<td></td>
<td>Rooted: 10-12 wks</td>
<td>Rooted: 12-14 wks</td>
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</tr>
<tr>
<td>Recommended</td>
<td>Aphids, white fly</td>
<td>Unrooted: Plant by Week 35 (North), Week 40 (South)</td>
<td>Unrooted: Plant by Week 32 (North), Week 37 (South)</td>
<td>16-20 in. (41-51 cm)</td>
<td>5-8</td>
<td>June to August</td>
</tr>
<tr>
<td>PGRs generally not needed</td>
<td></td>
<td>Rooted: Stick by Week 30 (North), Week 35 (South)</td>
<td>Rooted: Stick by Week 28 (North), Week 32 (South)</td>
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</tr>
<tr>
<td>Recommended</td>
<td>Watch for thielaviopsis, pythium, white fly, spider mites.</td>
<td>Unrooted: 11-13 wks</td>
<td>Unrooted: 13-15 wks</td>
<td>8-10 in. (20-25 cm)</td>
<td>4-9</td>
<td>February to October</td>
</tr>
<tr>
<td>PGRs generally not needed</td>
<td></td>
<td>Rooted: 6-8 wks</td>
<td>Rooted: 8-10 wks</td>
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<tr>
<td></td>
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<td>Rooted: 8-10 wks</td>
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<td></td>
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<td>1-plANT PER POT</td>
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<tr>
<td></td>
<td></td>
<td>1-GAL. (15-cm) POT, 1 PLANT PER POT</td>
<td>2 TO 3-GAL. (25 TO 30-CM) POT, 3 PLANTS PER POT</td>
<td></td>
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</tbody>
</table>
POWERHOUSE LANDSCAPE PERFORMERS

Darwin Perennials offers the most robust, hardy varieties on the market. From bold, enduring colors to their durable outdoor performances, these long-lasting plants are bred, trialed and selected for impressive success in the landscape.

Here are some of our superior landscape varieties:

**Phlox Ka-Pow® Series, page 87**
Powdery mildew resistant, low maintenance and uniform for healthier-looking plants and exciting Spring and Summer displays.

**Salvia ‘Blue by You’, page 103**
This season extender can produce up to five repeat blooming cycles throughout Spring and Summer! Winter hardy and heat tolerant, too.

**Lavandula ‘SuperBlue’, page 57**
Large, showy flowers bloom from April to September and are Winter hardy for outstanding landscape longevity.

**Leucanthemum ‘Whitecap’, page 63**
Early, long-lasting blooms from March to October. Compact plants hold together nicely, creating a beautiful presentation.

**Nepeta Whispurr™ Series, page 75**
Extra-large flower plumes and a long blooming season for more color and show in the landscape. Fragrant and pollinator friendly, too!

Other landscape showstoppers include:
- **Caryopteris ‘Gold Crest’, page 38**
- **Dianthus Mountain Frost™ Collection, page 18**
- **Echinacea Sombrero® Series, page 10**
- **Heuchera Carnival Series, page 14**
- **Miscanthus Bandwidth, page 17**
- **Perovskia ‘CrazyBlue’, page 85**
- **Salvia ‘Rose Marvel’, page 97**
- **Sedum Prima Angelina, page 110**
- **Veronica Moody Blues® Series, page 117**
**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 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 packaging. Within recognized tolerances, SELLER MAKES NO OTHER OR FURTHER WARRANTY, EXPRESS OR IMPLIED,新聞 or other materials (merchandise) sold by 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.

**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 anyone 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 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: Purchaser takes no responsibility, and shall have no liability for installation. Additional processing and handling charges may be added.

**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, 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.

**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, WHICHER 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 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 ANY 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 shortages 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 not be sold, diverted, transferred or re-exported, directly or indirectly, to any individual, entity, or destination that is subject to United States or United Nations sanctions programs or embargoes (including but not limited to OFAC sanctions programs and those listed on OFAC’s specially designated nationals’ list) without an appropriate export license.

**TRADEMARKS**

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**SALES LIMITATIONS**

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

FOREIGN CORRUPT PRACTICES ACT. EACH PARTY REPRESENTS AND WARRANTS TO THE OTHER PARTY THAT IT WILL TAKE NO ACTION IN CONNECTION WITH THIS TRANSACTION THAT WOULD BE IN VIOLATION OF THE APPLICABLE LAWS AND REGULATIONS OF ANY COUNTRY AND THE UNITED STATES OF AMERICA. NO PAYMENTS OF MONEY OR ANYTHING OF VALUE WILL BE OFFERED, PROMISED OR PAID, DIRECTLY OR INDIRECTLY, TO ANY OFFICIALS TO INFLUENCE THE ACTS OF SUCH OFFICIALS IN AN INFLUENTIAL CAPACITY TO CHARGE A FEE OR COMMISSION OR TO INFLUENCE ANY GOVERNMENT OR ANY INSTRUMENTALITY THEREOF. TO ENSURE AN IMPROPER ADVANTAGE.

To order, please see back cover. **TERMS & CONDITIONS OF SALE**
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Congratulations to these top-performing varieties from Darwin Perennials. These awards are based on the results of extensive trials and competitions held throughout various regions.

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University of Georgia 2019 “Best of the Best”

**Dianthus Mountain Frost™ Pink Twinkle, page 18**
Metrolina Trials 2019 “Best Performing Plant Varieties”

**Echinacea Sombrero® Baja Burgundy, page 10**
2020 All-America Selections Winner

**Echinacea Sombrero® Rosada, page 10**
Raker-Roberta’s Trials 2020 “Best Heat Tolerant Perennial Midwest”

**Echinacea Sombrero® Summer Solstice, page 11**
Metrolina Trials 2019 “Best Performing Plant Varieties”

**Echinacea Sombrero® Tres Amigos, page 11**
Colorado State University Flower Trial 2020 “Top Performer”

**Echinacea Sombrero Poco™ Yellow, page 11**
University of Georgia 2020 “Plants of Distinction”

**Eupatorium Euphoria™ Ruby, page 46**
University of Georgia 2019 “Best of the Best”

**Lavandula 'Annet', page 57**
University of Georgia 2019 “Best Drought Tolerant Perennial”

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Smith Gardens Trials 2020 “Best Heat Tolerant Perennial”

**Miscanthus Bandwidth, page 17**
Colorado State University Flower Trial 2019 “Top Performer”

**Nepeta Whispurr™ Blue, page 75**
Raker-Roberta’s Trials 2020 “Best Pollinator Friendly Perennial” & “Top Performer”

**Phlox Ka-Pow® Series, page 87**
Colorado State University Flower Trial 2020 “Top Performer”

**Salvia ‘Blue by You’, page 103**
Colorado State University Flower Trial 2020 “Top Performer”

**Salvia Mirage™ Rose Bicolor, page 105**
Welby Trial Gardens 2020 “Trial Standout”

**Salvia ‘Rose Marvel’, page 97**
Welby Trial Gardens 2020 “Trial Standout”

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**TRIAL LOCATIONS**

We trial each of our new varieties for 3 to 7 years before bringing them to market – ensuring only the best products for your success.

Botanic Gardens of the Ozarks, Fayetteville, AR
Colorado State University, Fort Collins, CO
Florida Flower Trials, Orlando, FL
University of Georgia, Athens, GA
The Gardens at Ball, West Chicago, IL
Louisiana State University, Shreveport, LA
Raker Trial Gardens, Litchfield, MI
University of Minnesota, Morris, MN
Mississippi State University, Mississippi State, MS
Metrolina Trial Garden, Huntersville, NC
North Carolina State University, Raleigh, NC
North Dakota State University, Fargo, ND
Cincinnati Zoo, Cincinnati, OH
The Ohio State University, Columbus, OH
Green Leaf Plants, Smoketown, PA
Longwood Gardens, Kennett Square, PA
Penn State University, University Park, PA
Star® Roses and Plants Trials, West Grove, PA
Texas A&M University, Overton, TX
Smith Gardens, Marysville, WA
University of Wisconsin, Madison, WI
Vanstone Nurseries, Portage la Prairie, MB, Canada
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Emerald Coast Growers  
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