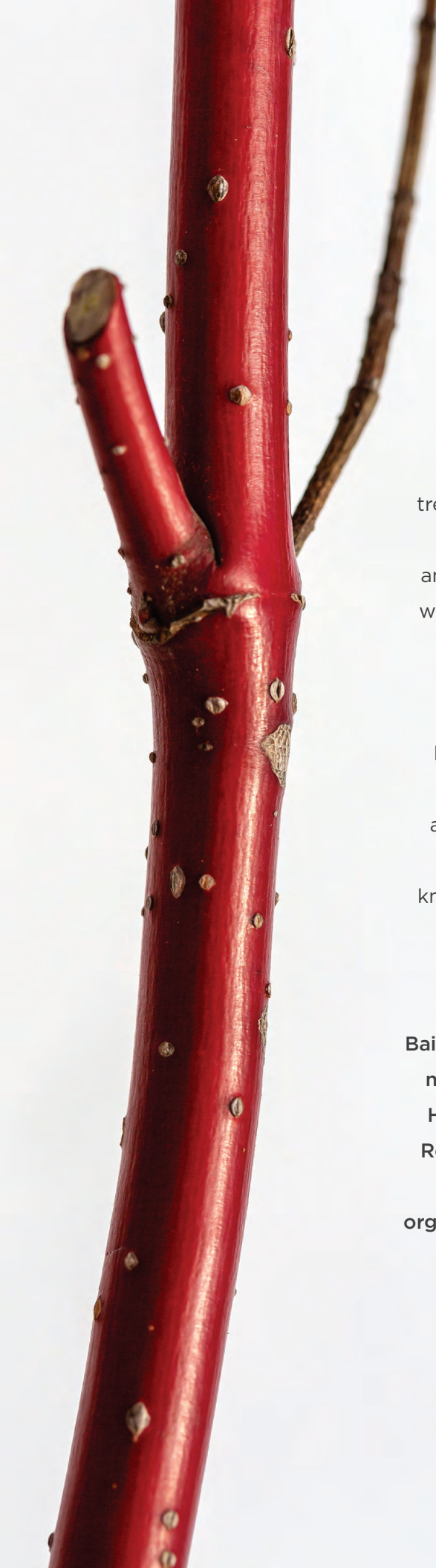




BAILEY[®]
GROWING WHAT'S NEXT[®]

SHRUB GROWER GUIDE

JUMPSTARTS[®] | BARERoot LINERS | CONSUMER BRANDS



ABOUT BAILEY

Bailey Nurseries is a progressive wholesale grower of shrubs, trees, and perennials. Known for high quality product, innovative brand development and consumer marketing, trade support, and revolutionary breeding efforts, Bailey serves the grower, re-wholesaler, retail, and landscape channels across North America and worldwide.

A fifth-generation, family-owned nursery, Bailey is headquartered at the original family homestead in Minnesota with additional operations in Oregon, Washington, Illinois, and Georgia. Bailey focuses on partnering with our customers by providing marketing resources, access to the depth of knowledge from our growers, and sought-after genetics to build long-term success through the supply chain.

Bailey commits to Growing What's Next™. Whether this is through new introductions in our consumer brands – Endless Summer® Hydrangeas, First Editions® Shrubs & Trees, or Easy Elegance® Roses – or developing new tools and techniques in production, this forward-moving mantra is embodied throughout the organization to develop employees, products, and services for the ongoing success of Bailey and its customers.



INDEX

- 4. Growing Locations
- 6. Grower Resources
- 8. Bareroot Production & Cold Storage
- 10. JumpStarts® + JumpStarts® 5.5
- 14. Propagation + Techniques
- 18. A-Z Shrub Guide
- 145. Bareroot Grade Information
- 149. Soil Recipes
- 150. Care & Handling
- 151. Overwintering
- 152. Contacts



GROWING & SHIPPING LOCATIONS

One of the advantages of partnering with Bailey is our multiple growing and shipping locations. This allows for access to seasonally staged crops for retail sales or upshifts, streamlined distribution, and climate-driven production practices that benefit the short- and long-term health of each crop. Ordering from different locations throughout the year provides a diverse mix to match your seasonal needs as well as the varying product lines to support your business.

MIDWEST



W **Woodbury, MN:**
Finished container shrubs, vines, roses, evergreens, small fruits, and perennials.

G **Cottage Grove, MN:**
Rooted cuttings, JumpStarts® and JumpStarts® 5.5 potted liners, and Bud & Bloom containers.



N **Newport, MN:**
Bareroot shrubs and trees.

H **Hastings, MN:**
Container trees.

I **Onarga, IL:**
Finished container shrubs.

ORDER FORMS USE THE
ABBREVIATED LETTER CODES
TO IDENTIFY PRODUCT
AVAILABILITY AT THAT SITE.

WEST COAST



Y Yamhill, OR:
JumpStarts®, finished container shrubs
and trees.



D Dayton, OR:
Bare-root shrubs and trees, rootstocks, and
tissue culture liners.



JOHN FISK
Midwest Container Manager

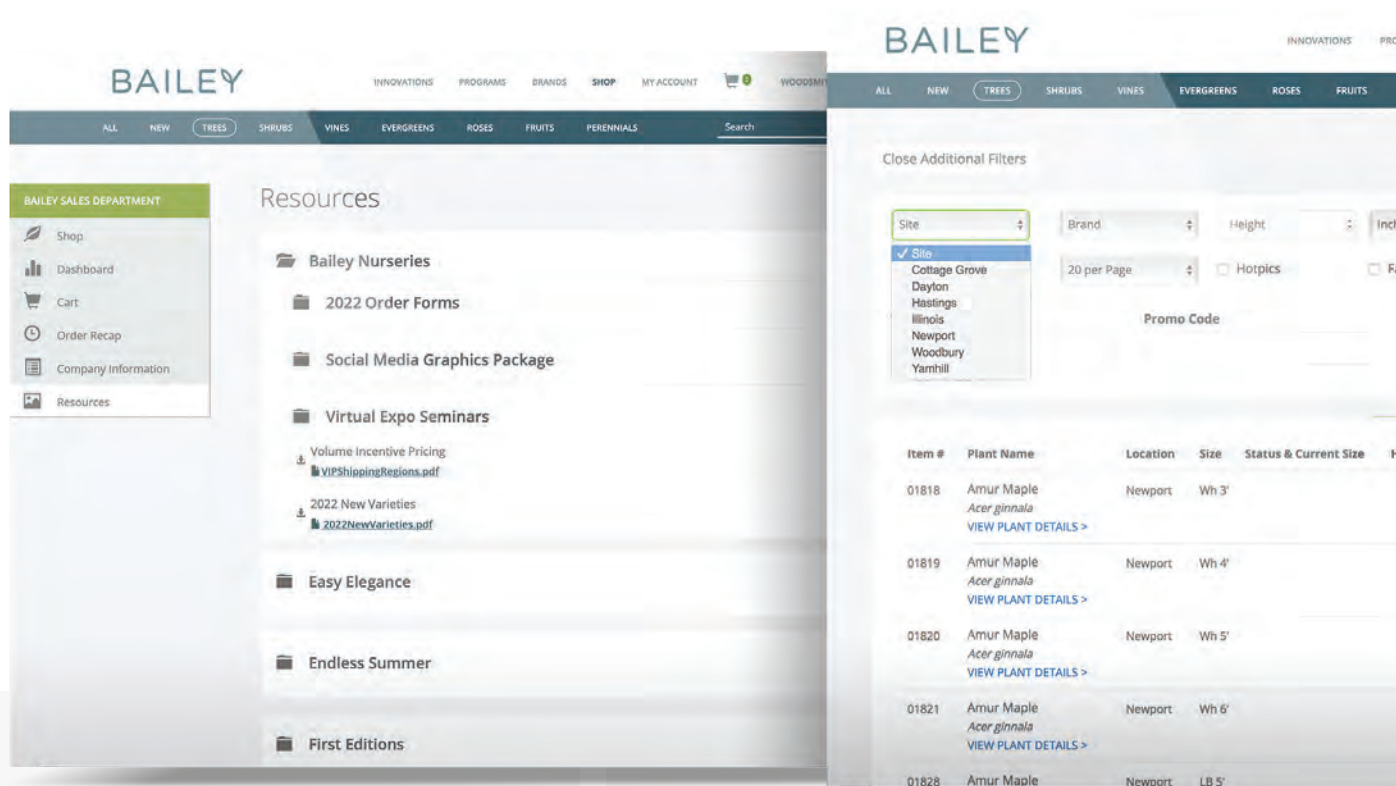
“Our focus is on consistent best practices across the company. We work tirelessly to efficiently produce a high-quality product, consistently, to meet our customers’ needs and be a reliable resource.

As we continue integrating Carlton Plants’ processes into Bailey production, we look closely at what needs to be grown at which location to best benefit the plant’s long-term health. This gives us more depth to the product line, as well as increasing the quality of product being shipped to customers or put into containers at Bailey for future sales.

Our customers are evolving and the end consumers are constantly changing, so we have to look at that product mix regularly to produce not only the best, but what is in demand or will be in demand when the product is saleable.”

GROWER RESOURCES

In addition to providing you with healthy, strong plants, Bailey strives to provide a wide array of resources to support your production, marketing, and sales teams. We realize that there's not enough time in the day to collect all the information and create the tools necessary to maximize your sales, so we have done that for you.



GROWER SUPPORT

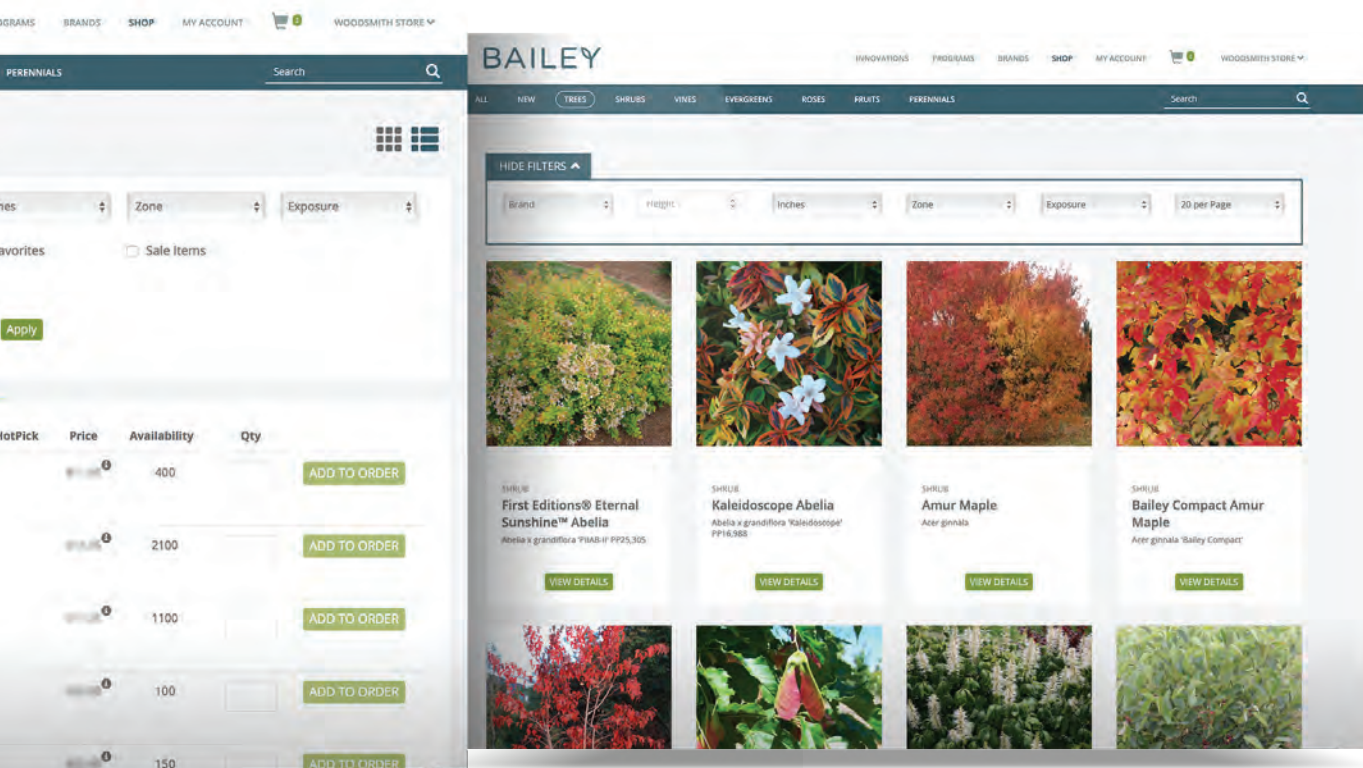
Culture sheets, grower guides, and instructional videos are just the beginning of what's available to ensure you have success with Bailey plants. Use our expertise to help train new employees, overcome a production obstacle, or increase stands and process efficiencies.

SALES SUPPORT

The Bailey website has been updated to offer a smooth, efficient online ordering process for your purchasing department. Not only can you see up-to-date availability and product status images, but you can view plant descriptions and information, and place order requests.



CATALOGS, ORDER FORMS, AND PRODUCT INFORMATION SHEETS ARE AVAILABLE TO VIEW OR DOWNLOAD ANY TIME!



MARKETING SUPPORT

Providing fresh, relevant, and informative content is key to engage with any audience, consumer or trade. But the time and resources necessary to produce this content is sparse. To support these efforts, Bailey provides a comprehensive image library, consumer videos, POP templates, social media calendar, and more.



ADD COLLABORATORS TO YOUR COMPANY PROFILE SO THEY CAN TAKE ADVANTAGE OF THESE FREE, READY-TO-USE RESOURCES.

ABOUT BAREROOT PRODUCTION & COLD STORAGE

Bareroot is a bedrock of Bailey production. With over 115 years of experience with this product category, our processes and growing techniques are refined to provide customers with the best bareroot shrub and tree liners in the industry.



BAILEY® | BAREROOT

Bareroot shrubs and trees are grown in Oregon and Minnesota before being dug and then stored in climate-controlled coolers for the winter months. Just like the climate in the fields determines each species' planting location, indoor storage placement is determined based on temperature and moisture needs.

Production Managers across the country work closely together to determine the best growing location for each variety, ensuring the best and most consistent product possible for our customer. Our strategy for success has been to combine the deep well of knowledge from longtime Bailey employees with best practices learned while integrating with Carlton Plants.

**SUPPLYING THE CHANGING
MARKETPLACE IS DONE BY
GROWING THE RIGHT PLANT
IN THE RIGHT LOCATION
WITH THE MOST RELEVANT
PRODUCT MIX.**



BRIAN GARRICK

Bareroot Storage & Container Trees Department Head

“Cold storage of bareroot shrubs and trees is all about attention to detail. We approach this part of the plant’s life cycle like any other growing environment even though they’re dormant. Just like the specific needs for soil type, sun exposure, and watering in the landscape, different species have varying needs while dormant.

Plants are cleaned as they enter the coolers, then enter customized environments for collections of plant material based on their similar needs. Whether that is moisture, humidity, or temperature, each species is individually placed based on years of experience and having a deep understanding of the plants coming into the coolers.”

ABOUT JUMPSTARTS® & JUMPSTARTS® 5.5

JumpStarts® potted liners have become a staple in Bailey's product offering, providing growers with the opportunity to stagger their production for on-time crop cycles. The hexagonal design prevents root circling, establishing hearty liners for upshifts that fill in quickly. And because of that, growers can have flexibility with their planting timing, freeing up labor during the busy spring season.



First Editions® Little Devil™ Ninebark in JumpStarts® 5.5 liner.



WORDS FROM THE INDUSTRY

EVAN BRAND

Woody Ornamentals Nursery Manager, Prides Corner Farms

“At Prides Corner Farms, we aim to shorten the time a crop is on the ground as much as possible without affecting the health or quality of the plant. JumpStarts® is a program that’s helped us do that on a consistent basis, bringing what was a 2-year cycle down to a 1-year or 6-month rotation. Not only has this increased profitability, but it allows us to get more crops in behind it for the following year. We can pot up the bulkier JumpStarts® liner in spring and, many times, get it out to our customers by fall. More plants are moving out the door today on the same footprint than they were prior to using these liners.

For us, it’s worth it to put the extra money into JumpStarts® because it helps with labor and gives us flexibility with planting times; it extends our season past our bareroot potting season, which keeps those crop turns moving. The Endless Summer® collection has been our biggest crop with these liners and is the best poster child for how they work. It’s our largest single line item in the company, so using JumpStarts® in our production mix allows us to maximize our output of such a popular plant.

We have also tried a number of varieties in the new JumpStarts® 5.5 program and it’s been strong so far. First Editions® Tiger Eyes® Sumac came out denser and fuller than other methods, which allows us to move the product faster, and our Endless Summer® crop exploded in the pot, growing exceptionally fast so that we can push out bigger product at a rapid rate. They look like they’ll be a great alternative to a one gallon upshift.

Overall, bareroot is king for getting big plants fast, but having JumpStarts® and JumpStarts® 5.5 fills the gap to extend our season for big, dense, quick turn crops has been crucial and an easy complement to our production programs.”

BAILEY | JUMPSTARTS®

Joining the offering is JumpStarts® 5.5, an efficient liner with added size for larger container production or make-up plantings. JumpStarts® 5.5 is the more economical option to a one gallon upshift; less dirt, lower shipping costs, and more liners per shipment make JumpStarts® 5.5 the must-have evolution in liner products.

MAXIMIZE PRODUCTION

Combining bareroot liners, JumpStarts®, and the new JumpStarts® 5.5 upshifts is a package deal that can help growers fill out their offering, staged throughout the selling season to spread labor, crops, and cash flow.

FREIGHT COST SAVINGS

Twice the size of a standards JumpStarts® liner, these jumbos are well-branched and well-rooted and have that consistent quality you've come to expect. They're also perfect for a mechanized planting line, allow for extended planting windows, and consistently deliver high yields.

JUMPSTARTS® 5.5

Little Devil™ Ninebark

JUMPSTARTS®



Ask your Bailey Sales Representative for more details and availability for this new liner.



PROPAGATION

Observation, analysis, and trials of propagation protocols and techniques keep Bailey at the forefront of the industry in providing strong, healthy, consistent liners and finished product. Having an understanding of what each species and variety needs for long-term success is painstaking work, but the Bailey propagation team has spent years establishing regional best practices that are a cut above the rest.

HARD & SOFTWOOD CUTTINGS

A majority of Bailey shrubs start as softwood and hardwood cuttings taken from our own fields, giving us control of the process at each step of the plant's journey. Using cuttings from Bailey facilities also ensures that each plant is acclimated to the climate in which it'll grow, which supports higher production yields and ongoing plant health. Whether grown in sand in Minnesota or in plug trays in Oregon, these cuttings emerge with fibrous root systems and well-balanced tops for a healthy upshift into larger liners.





JEFF STOVEN

Propagation Manager



“Bailey has such a diverse mix of propagation techniques. We approach each plant with careful consideration to find the best way to propagate it to maximize success for Bailey and our customers. We’ve adapted our techniques at each location; Minnesota propagators stick many of their cuttings into sand, where we go straight into plug trays in Oregon. Each of these strategies is done after years of trials and analysis of short- and long-term crop success rates. We also utilize the facilities’ locations to our advantage, keeping certain species more acclimated to regional weather, streamlining distribution, and increasing yields.”

PROPAGATION

TISSUE CULTURE

Certain shrub species do not perform well using traditional propagation methods, making tissue culture the superior technique to ensure true-to-name, healthy, consistent plants. Based at our Dayton, Oregon facility, our tissue culture lab produces millions of plants each year for Bailey production as well as external customers.



ANGELA LABRUM

Tissue Culture Manager



“Tissue culture is all about science. We change the media recipe and analyze results for the best, most productive outcome. For the species grown in the Tissue Culture Lab, we can offer: a denser internode length, which means less pruning and labor once it’s out of the lab; enhanced consistency by producing genetic clones; and increased juvenility, meaning that they’ll grow quicker than from traditional techniques. These outcomes mean quicker turns, labor flexibility, and stronger plants for our customers.”







A-Z SHRUB GUIDE



Kaleidoscope Abelia

Abelia x grandiflora 'Kaleidoscope' PP16,988

Height: 2-3'

Spread: 3-4'

Zone: 6-10

Exposure: Full Sun

Shape: Compact mounded

Grower Tips...

- Cut back after planting, prune up to 3 times a year depending on growth.
- Finishes quickly in a #2 container from a JumpStarts® potted liner.

Acer Species Tips:

- Avoid prolonged bareroot storage; plant as early as conditions allow.
- Leafhoppers are a common pest. Monitor and treat as needed.



Bailey Compact Amur Maple

Acer ginnala 'Bailey Compact'

Height: 7-9'

Spread: 7-8'

Zone: 3-7

Exposure: Full Sun

Shape: Dense, compact, rounded



Flame Amur Maple

Acer ginnala 'Flame'

Height: 15-20'

Spread: 20-25'

Zone: 3-7

Exposure: Full Sun

Shape: Spreading, irregular



Ruby Slippers Amur Maple

Acer ginnala 'Ruby Slippers'

Height: 15-20'

Spread: 15-20'

Zone: 3-8

Exposure: Full Sun to

Shape: Round

Part Shade



Bottlebrush Buckeye

Aesculus parviflora

Height: 8-12'

Spread: 8-15'

Zone: 5-8

Exposure: Full Sun to Part Shade

Shape: Wide spreading

Grower Tips...

- Avoid extreme wet or dry conditions, maintaining even moisture until established.
- In warmer climates, consider using shade cloth to prevent leaf burn during establishment.
- Leafhoppers are a common pest. Monitor and treat as needed.



FIRST
EDITIONS
SHRUBS & TREES

Standing Ovation™ Serviceberry
Amelanchier alnifolia 'Obelisk'

Height: 15'

Spread: 4'

Zone: 2-8

Exposure: Full Sun

Shape: Upright

Grower Tips...

- Mildew and bacterial leaf spot can be a problem later in the season in areas with high humidity. Use a general preventative fungicide for treatment and avoid overhead watering.
- Finishes in a year plus a flush in a #2 container from a JumpStarts® potted liner or when upshifting a #2 into a #5 container (e.g. plant August 2021, finish Spring 2023).
- Needs to be pruned once in the spring after planting, and for any further errant shoots.



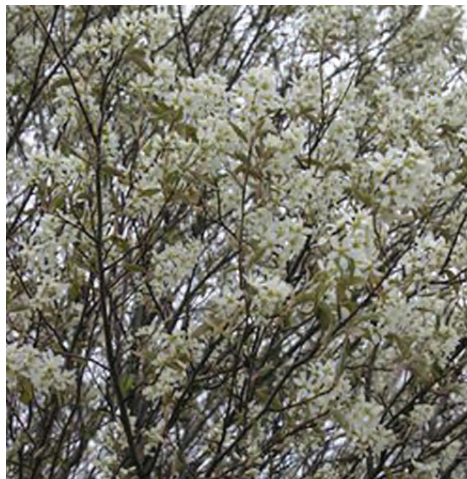
Regent Saskatoon Serviceberry

Amelanchier alnifolia 'Regent'

Height: 4-6' **Spread:** 4-8'
Zone: 2-7 **Exposure:** Full Sun
Shape: Mounded

Grower Tips...

- Finishes quickly in a #2 container from a 12" bareroot liner.
- Rust is a common disease. Monitor and treat as needed.



Shadblow Serviceberry

Amelanchier canadensis

Height: 20-25' **Spread:** 10-15'
Zone: 4-8 **Exposure:** Full Sun
Shape: Upright



Rainbow Pillar™ Serviceberry

Amelanchier canadensis 'Glennform'

Height: 20' **Spread:** 8-10'
Zone: 4-8 **Exposure:** Full Sun
Shape: Upright



Juneberry

Amelanchier lamarckii

Height: 20-25' **Spread:** 15-20'
Zone: 4-8 **Exposure:** Full Sun
Shape: Upright, spreading



Autumn Brilliance Serviceberry-Shrub Form

Amelanchier x grandiflora 'Autumn Brilliance'

Height: 15-25' **Spread:** 15-20'
Zone: 3-8 **Exposure:** Full Sun
Shape: Upright oval

Grower Tip...

- Rust is a common disease on the East Coast. Monitor and treat as needed.

Aronia Species Tip:

- Generally finishes in one season in a #2 container from a 12" bareroot liner.



Brilliant Red Chokeberry

Aronia arbutifolia 'Brilliantissima'

Height: 6-9' Spread: 5-8'
Zone: 5-8 Exposure: Full Sun
Shape: Upright, rounded



Glossy Black Chokeberry

Aronia melanocarpa var. *elata*

Height: 4-6' Spread: 4-6'
Zone: 3-7 Exposure: Full Sun
Shape: Compact, rounded



Iroquois Beauty™ Black Chokeberry

Aronia melanocarpa 'Morton'

Height: 3.5-4.5' Spread: 4-5'
Zone: 3-7 Exposure: Full Sun
Shape: Upright



Autumn Magic Black Chokeberry

Aronia melanocarpa 'Autumn Magic'

Height: 3-5' Spread: 2-4'
Zone: 3-7 Exposure: Full Sun
Shape: Upright



Ground Hug™ Chokeberry

Aronia melanocarpa 'UCONNAM012' PPAF

Height: 8-14"

Spread: 36"

Zone: 3-9

Exposure: Full Sun to Part Shade

Shape: Spreading



Lo Scape® Mound Chokeberry

Aronia melanocarpa 'UCONNAM165' PP28,789

Height: 1-2'

Spread: 2-3'

Zone: 3-9

Exposure: Full Sun to Part Shade

Shape: Mounded



Viking Chokeberry

Aronia melanocarpa 'Viking'

Height: 6-8'

Spread: 5-6'

Zone: 3-8

Exposure: Full Sun

Shape: Upright

BARBERRY COLLECTION



First Editions® Limoncello™ Barberry



Cabernet® Barberry

Berberis thunbergii atropurpurea 'Moretti Select'

Height: 2' Spread: 2-3'
Zone: 4-7 Exposure: Full Sun
Shape: Compact, mounded

Grower Tip...

- Trim at least twice a year for a full and well-branched shrub.



Lambrusco™ Barberry

Berberis thunbergii 'BailElla'

Height: 2-3' Spread: 3-5'
Zone: 4-7 Exposure: Full Sun
Shape: Low, spreading



Limoncello™ Barberry

Berberis thunbergii 'BailErin'

Height: 3-4' Spread: 3-4'
Zone: 4-7 Exposure: Full Sun
Shape: Mounding



Moscato™ Barberry

Berberis thunbergii 'BailAnna'

Height: 2-3' Spread: 3-5'
Zone: 4-7 Exposure: Full Sun
Shape: Low, spreading

Grower Tip...

- Requires only one dormant prune.

Berberis Species Tip:

- Hydration during dormancy is critical. Prefers humid planting conditions.



FIRST
EDITIONS
SHRUBS & TREES

Toscana™ Barberry

Berberis thunbergii 'BailJulia'

Height: 3-5'

Spread: 2-4'

Zone: 4-7

Exposure: Full Sun

Shape: Upright, arching

Grower Tip...

- Requires only one dormant prune in most areas of the country, depending on liner size. However, it grows more aggressively in the Pacific Northwest and may require more pruning than other varieties.

FIRST EDITIONS® BARBERRY FINISHING TIMES

Liner Size / Type

Container Size

JumpStarts®	14-16 weeks	8" Container
JumpStarts®	1 year + flush	#2 Container
JumpStarts®	1 year + flush	#3 Container
Bareroot 6"	3 months	8" Container
Bareroot 6"	1 year + flush	#2 Container
Bareroot 6"	2 years	#3 Container
Bareroot 9"	14 weeks	#2 Container
Bareroot 12"	14 weeks	#3 Container
Bareroot 15"	14 weeks	#5 Container
8" Container	3 months	#3 Container

B

Berberis



Admiration Barberry

Berberis thunbergii 'Admiration' PP16,921

Height: 12-18" Spread: 18-24"

Zone: 4-8 Exposure: Full Sun

Shape: Broad upright



Concorde Barberry

Berberis thunbergii 'Concorde'

Height: 2' Spread: 3'

Zone: 4-8 Exposure: Full Sun

Shape: Rounded



Crimson Pygmy Barberry

Berberis thunbergii 'Crimson Pygmy'

Height: 2' Spread: 2-3'

Zone: 4-7 Exposure: Full Sun

Shape: Compact, mounded



Helmond Pillar Barberry

Berberis thunbergii 'Helmond Pillar'

Height: 4-5' Spread: 12"-24"

Zone: 4-8 Exposure: Full Sun

Shape: Columnar



Orange Rocket Barberry

Berberis thunbergii 'Orange Rocket' PP18,411

Height: 4' **Spread:** 18-24"
Zone: 4-8 **Exposure:** Full Sun
Shape: Upright

Grower Tip...

- Responds well to hard pruning.



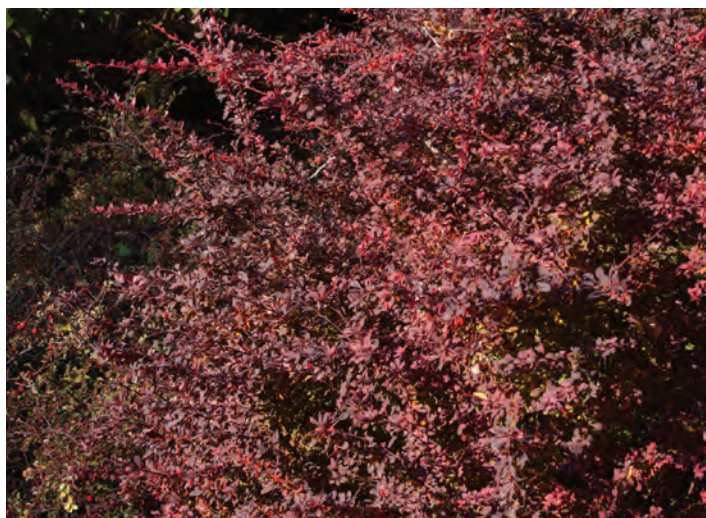
Sunjoy® Gold Pillar Barberry

Berberis thunbergii 'Maria' PP18,082

Height: 3-4' **Spread:** 4'
Zone: 4-7 **Exposure:** Full Sun
Shape: Upright

Grower Tips...

- Dormant prune bareroot liners at planting.
- In warmer regions, grow under milk poly or light shade to prevent sunscald.
- May need additional cover when overwintering if conditions are expected to be colder than normal.



Rose Glow Barberry

Berberis thunbergii 'Rose Glow'

Height: 3' **Spread:** 2-3'
Zone: 4-7 **Exposure:** Full Sun
Shape: Compact, rounded



Ruby Carousel® Barberry

Berberis thunbergii 'Bailone'

Height: 3-4' **Spread:** 3'
Zone: 4-7 **Exposure:** Full Sun
Shape: Upright

Buddleia - Butterfly Bush

With big wands of fragrant flowers in bright colors, these hip *Buddleia* are the quintessential summer flowering shrub. Providing bold color along with nectar for pollinators and fragrance, these varieties are ideal as a focal point or as a backdrop in larger beds.

Species Tips:

- Can be slow to flush; use heat to promote growth.
- Ensure plants are well hydrated going into winter dormancy.
- Susceptible to winter burn from extreme temperature swings. To prevent crown damage and tip dieback, provide additional cover, do a late winter prune, and apply fertilizer.
- Mites are a common pest in the South. Monitor and treat as needed.
- Responds well to pruning.

More to know about First Editions® *Buddleia*...

- Finishes in 8 weeks in a #2 container when using a JumpStarts® potted liner.
- Needs only a single prune but can be stage pruned to rebloom in 4-5 weeks.
- Prefers dry dormant conditions.

FIRST
EDITIONS
SHRUBS & TREES

BUDDLEIA COLLECTION



Funky Fuchsia™ Butterfly Bush

Buddleia davidii 'PIIBD-II' PP26,278

Height: 6-8' Spread: 6-8'
Zone: 5-9 Exposure: Full Sun
Shape: Rounded to upright



Groovy Grape™ Butterfly Bush

Buddleia davidii 'PIIBD-I' PP26,305

Height: 8-10' Spread: 6-8'
Zone: 5-9 Exposure: Full Sun
Shape: Rounded to upright



Psychedelic Sky™ Butterfly Bush

Buddleia davidii 'PIIBD-III' PP26,306

Height: 4-6' Spread: 4-5'
Zone: 5-9 Exposure: Full Sun
Shape: Upright



Lo & Behold® Blue Chip Jr. Butterfly Bush

Buddleia x 'Blue Chip Jr.' PP26,581

Height: 20-28" Spread: 20-32"
Zone: 5-9 Exposure: Full Sun
Shape: Mounded

Grower Tip...

- Best overwintered in warmer climates without large temperature swings.



Lo and Behold® Purple Haze Butterfly Bush

Buddleia x 'Purple Haze' PP24,514

Height: 2-3' Spread: 2-3'
Zone: 5-7 Exposure: Full Sun
Shape: Upright spreading



Pugster® Amethyst Butterfly Bush

Buddleia 'SMNBDBT' PP30,236

Height: 2' Spread: 2-3'
Zone: 5-9 Exposure: Full Sun
Shape: Mounded



Pugster Blue® Butterfly Bush

Buddleia 'SMNBDBT' PP28,794

Height: 2' Spread: 2-3'
Zone: 5-9 Exposure: Full Sun
Shape: Mounded



Pugster Periwinkle® Butterfly Bush

Buddleia 'SMNBDO' PP28,796

Height: 2' Spread: 2-3'
Zone: 5-9 Exposure: Full Sun
Shape: Mounded



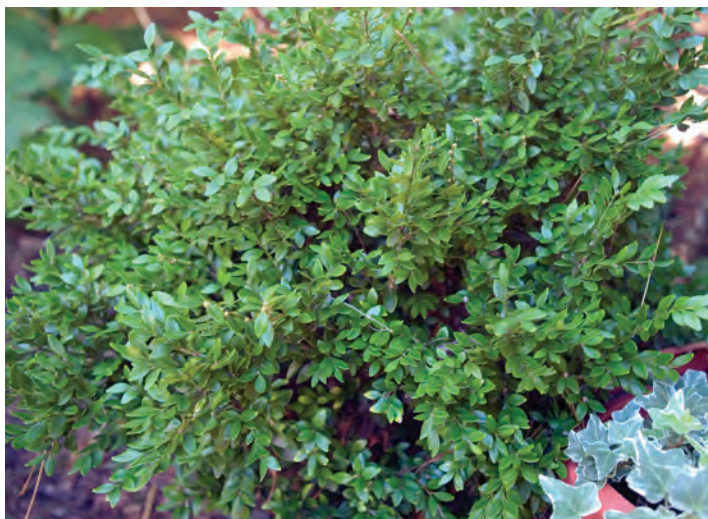
Pugster Pinker™ Butterfly Bush

Buddleia 'SMNBDBr' PPAF

Height: 2' Spread: 2-2.5'
Zone: 5-9 Exposure: Full Sun
Shape: Mounded

Buxus Grower Tips...

- Prune once at planting, and only again for shape if necessary.
- Follow your state guidelines on blight parameters.

**Chicagoland Green® Boxwood***Buxus 'Glencoe'***Height:** 3-4'**Spread:** 5'**Zone:** 4-9**Exposure:** Full Sun to Part Shade**Shape:** Broad, oval**Green Mountain Boxwood***Buxus 'Green Mountain'***Height:** 5'**Spread:** 3'**Zone:** 5-9**Exposure:** Full Sun**Shape:** Upright**Grower Tips...**

- Prefers drier soil conditions.
- Susceptible to calcium deficiency. Monitor for yellow leaf margins and treat as needed.

**Green Velvet® Boxwood***Buxus 'Green Velvet'***Height:** 2-3'**Spread:** 3'**Zone:** 4-9**Exposure:** Full Sun**Shape:** Low, rounded**Wintergreen Littleleaf Boxwood***Buxus microphylla 'Wintergreen'***Height:** 2'**Spread:** 2-3'**Zone:** 4-9**Exposure:** Full Sun**Shape:** Upright, spreading

Caragana Grower Tip...

- Potato leaf hoppers are a common pest, monitor, and treat as needed.



Issai Beautyberry

Callicarpa dichotoma 'Issai'

Height: 3-4' Spread: 3-4'
 Zone: 5-8 Exposure: Full Sun
 Shape: Rounded



Sweetshrub

Calycanthus floridus

Height: 4-6' Spread: 6-8'
 Zone: 5-9 Exposure: Part Sun
 Shape: Upright, spreading



Siberian Peashrub

Caragana arborescens

Height: 12-15' Spread: 8-10'
 Zone: 2-7 Exposure: Full Sun
 Shape: Upright



Globe Peashrub

Caragana frutex 'Globosa'

Height: 2-3' Spread: 2-3'
 Zone: 2-7 Exposure: Full Sun
 Shape: Globe, compact



Pygmy Peashrub

Caragana pygmaea

Height: 3' Spread: 4-5'
 Zone: 3-7 Exposure: Full Sun
 Shape: Spreading



FIRST
EDITIONS
SHRUBS & TREES

Sapphire Surf™ Bluebeard

Caryopteris x clandonensis 'Blauer Splat'

Height: 2'

Spread: 3'

Zone: 5-9

Exposure: Full Sun

Shape: Spreading

Grower Tips...

- Fungal leaf spot is a common disease. Monitor and treat as needed, avoiding excess moisture on the leaves.
- Finishes quickly in a #2 container from a JumpStarts® potted liner.
- Prone to winter dieback. Prune hard in the spring for optimal late summer blooms.



FIRST
EDITIONS
SHRUBS & TREES

Fiber Optics® Buttonbush

Cephalanthus occidentalis 'Bailoptics' PP29,475

Height: 5-6'

Spread: 5-6'

Zone: 4-9

Exposure: Full Sun

Shape: Compact, rounded

Grower Tips...

- Use JumpStarts® potted liners to fill #2 containers and bareroot liners for larger containers.
- Dormant prune once at planting in spring.
- Can be slow to flush in the spring but is a fast grower afterwards.
- A heavy feeder upon flush. Top dress fertilizer in the winter and provide supplemental applications if needed again in the spring.
- Fungal leaf spot is a common disease. Monitor and treat as needed, avoiding excess moisture on the leaves.
- Tolerates flooding and wet spring soil.



Eastern Redbud - Shrub Form

Cercis canadensis

Height: 20-30'

Spread: 20-25'

Zone: 5-9

Exposure: Full Sun

Shape: Vase shaped

Grower Tips...

- Avoid heavy root pruning at planting. Instead, use a larger container if needed.
- The bareroot shrub form is a great alternative to the multi-stem tree-form liners.

Double Take Flowering Quince Grower Tip...

- Responds well to a hard fall prune.



Double Take Orange™ Flowering Quince

Chaenomeles speciosa 'Orange Storm' PP20,950

Height: 4-5' Spread: 4-5'

Zone: 5-8 Exposure: Full Sun

Shape: Upright rounded



Double Take Pink™ Flowering Quince

Chaenomeles speciosa 'Pink Storm' PP20,920

Height: 4-5' Spread: 4-5'

Zone: 5-8 Exposure: Full Sun to Part

Shape: Upright rounded Shade



Double Take Scarlet™ Flowering Quince

Chaenomeles speciosa 'Scarlet Storm' PP20,951

Height: 3-4' Spread: 3-4'

Zone: 5-9 Exposure: Full Sun to Part

Shape: Upright rounded Shade



Sundance Mexican Orange Blossom

Choisya ternata 'Sundance'

Height: 5-6' Spread: 5-6'

Zone: 7-10 Exposure: Part Shade

Shape: Rounded

Clethra Grower Tips...

- Finishes in a year in #2 containers when using a JumpStarts® potted liner.
- Provide extra winter protection such as frost blankets.
- Benefits from a dormant fertilizer application.



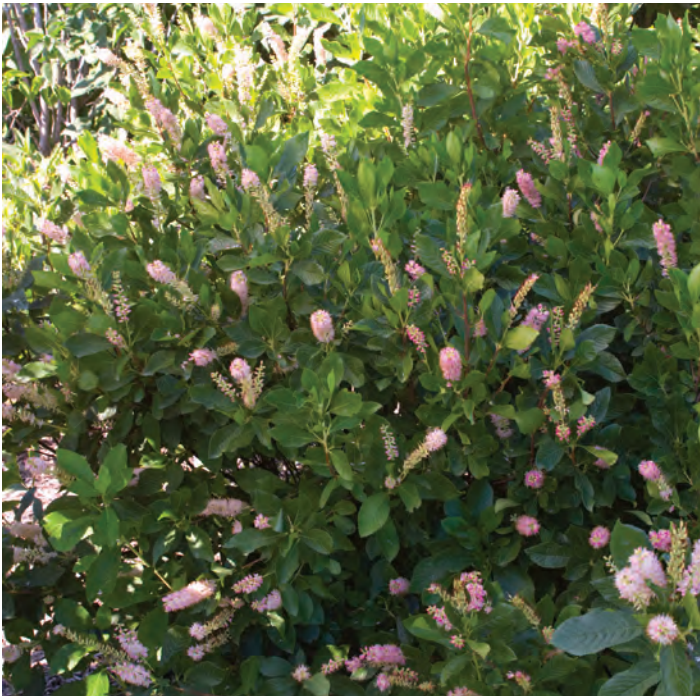
Hummingbird Summersweet
Clethra alnifolia 'Hummingbird'

Height: 3-5' Spread: 3-4'
Zone: 4-9 Exposure: Full Sun
Shape: Mounded



Ruby Spice Summersweet
Clethra alnifolia 'Ruby Spice'

Height: 3-6' Spread: 3-4'
Zone: 4-9 Exposure: Full Sun
Shape: Upright



Vanilla Spice® Summersweet
Clethra alnifolia 'Caleb' PP21,589

Height: 3-6' Spread: 3-6'
Zone: 4-9 Exposure: Full Sun to Part Shade
Shape: Upright rounded

Cornus - Dogwood

Brilliant not only in winter with their bright red stems, our *Cornus* selections have varied interest in spring, summer, and fall as well. Whether it's showy spring flowers, shiny blue berries in summer, or blazing fall color, these shrubs are easy-to-grow selections that perform well in production and the home landscape.

Species Tips:

- Maintain even moisture, monitoring for salt levels.
- Plant using bareroot liners in the spring and JumpStarts® potted liners later in the season to stage crops and labor.
- Septoria is a common fungal disease in humid conditions. Monitor and treat as needed.



FIRST
EDITIONS
SHRUBS & TREES

Neon Burst™ Dogwood

Cornus alba 'ByBoughen' PP27,956

Height: 4-6'

Spread: 4-6'

Zone: 2-7

Exposure: Full Sun to Part Shade

Shape: Mounded

Grower Tips...

- Spider mites are a common pest. Monitor and treat as needed.
- Leaf spot is a common disease. Monitor and treat as needed, limiting excessive moisture on the leaves.
- Grow under milk poly or light shade in warmer climates to avoid scald and for the best color.



FIRST
EDITIONS
SHRUBS & TREES

Firedance™ Dogwood *Cornus sericea* 'Bailadeline'

Height: 3-4'

Spread: 4-5'

Zone: 2-7

Exposure: Full Sun

Shape: Compact, mounded

Grower Tips...

- Leaf spot is a common disease. Monitor and treat as needed, avoiding excessive moisture on the leaves.
- For better rooting and faster finishing in a #2 container, use a JumpStarts® potted liner.

FIRST EDITIONS® DOGWOOD FINISHING TIMES

Liner Size / Type

Container Size

JumpStarts®	10-12 weeks	8" Container
JumpStarts®	14-16 weeks	#2 Container
JumpStarts®	1 year + flush	#5 Container
Bareroot/Rooted Cutting	10-12 weeks	8" Container
Bareroot 6"	8-10 weeks	#2 Container
Bareroot 12"	8-10 weeks	#3 Container
Bareroot 18"	8-10 weeks	#5 Container



Bud's Yellow Dogwood

Cornus alba 'Bud's Yellow'

Height: 6-8' **Spread:** 5-6'
Zone: 3-7 **Exposure:** Full Sun
Shape: Rounded



European Variegated Dogwood

Cornus alba 'Argenteo-marginata'

Height: 6-10' **Spread:** 5-8'
Zone: 3-7 **Exposure:** Full Sun
Shape: Rounded



Ivory Halo® Dogwood

Cornus alba 'Bailhalo'

Height: 5-6' **Spread:** 5-6'
Zone: 3-7 **Exposure:** Full Sun
Shape: Compact, rounded

Grower Tips...

- Avoid pruning after July 1.
- A less vigorous grower than green leaf varieties due to variegation.



Pagoda Dogwood

Cornus alternifolia

Height: 15-20' **Spread:** 20-25'
Zone: 3-7 **Exposure:** Part Sun
Shape: Rounded, horizontal branching

Grower Tips...

- Buds are prone to desiccation in warm and windy spring conditions. Use a mist system to maintain moisture levels before flushing.
- Avoid prolonged storage, planting as early as conditions allow.
- Avoid overwatering to prevent root rot.



Red Twig Dogwood

Cornus baileyi

Height: 8-10' **Spread:** 8-10'
Zone: 2-7 **Exposure:** Full Sun
Shape: Rounded



Chinese Dogwood

Cornus kousa chinensis

Height: 15-20' **Spread:** 15-20'
Zone: 5-8 **Exposure:** Full Sun to Part Shade
Shape: Broad, spreading



Golden Glory Cornelian Cherry Dogwood

Cornus mas 'Golden Glory'

Height: 20-25' **Spread:** 10-15'
Zone: 4-8 **Exposure:** Full Sun to Part Shade
Shape: Upright

Grower Tip...

- Bareroot liners can be slow to flush and require patience.



Red Rover® Silky Dogwood

Cornus obliqua 'Powell Gardens' PP27,873

Height: 4-5' **Spread:** 4-5'
Zone: 4-8 **Exposure:** Full Sun to Part Shade
Shape: Upright, spreading



Gray Dogwood

Cornus racemosa

Height: 6-8' **Spread:** 5-6'
Zone: 3-8 **Exposure:** Full Sun
Shape: Wide, spreading

Grower Tips...

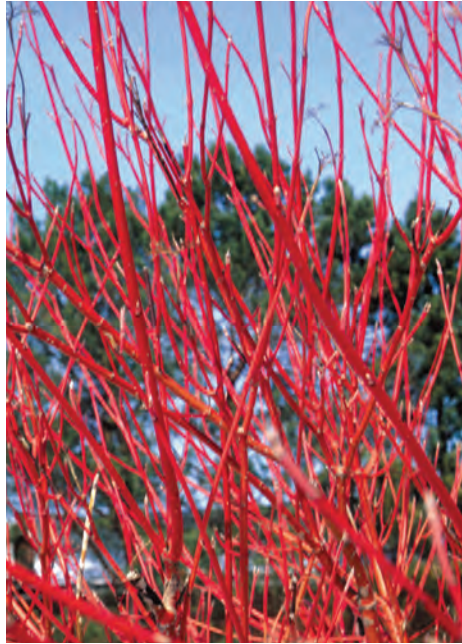
- Plant bareroot liners in the spring and JumpStarts® potted liners later in the season to stage crops and labor.
- Provide additional protection from late spring frosts.



Alleman's Compact Dogwood

Cornus sericea 'Alleman's Compact'

Height: 4-5' Spread: 4-5'
 Zone: 3-8 Exposure: Full Sun
 Shape: Rounded



Cardinal Red Osier Dogwood

Cornus sericea 'Cardinal'

Height: 8-10' Spread: 8-10'
 Zone: 2-7 Exposure: Full Sun
 Shape: Rounded



Yellow Twig Dogwood

Cornus sericea 'Flaviramea'

Height: 6-8' Spread: 8-10'
 Zone: 2-7 Exposure: Full Sun
 Shape: Broad, rounded



Isanti Dogwood

Cornus sericea 'Isanti'

Height: 5-6' Spread: 8-10'
 Zone: 2-7 Exposure: Full Sun
 Shape: Mounded



Kelsey Dwarf Dogwood

Cornus sericea 'Kelsey'

Height: 2-3' Spread: 2-3'
 Zone: 4-8 Exposure: Full Sun
 Shape: Compact, rounded



Arctic Fire® Red Dogwood

Cornus stolonifera 'Farrow' PP18,523

Height: 3-4' Spread: 3-4'
Zone: 3-7 Exposure: Full Sun
Shape: Upright



Arctic Fire® Yellow Dogwood

Cornus stolonifera 'SMNSCBD' PPAF

Height: 4-5' Spread: 5-6'
Zone: 2-7 Exposure: Full Sun to Part Shade
Shape: Upright

Corylus Grower Tip...

- Filbert blight is a common disease. Monitor and treat as needed.



American Hazelnut

Corylus americana

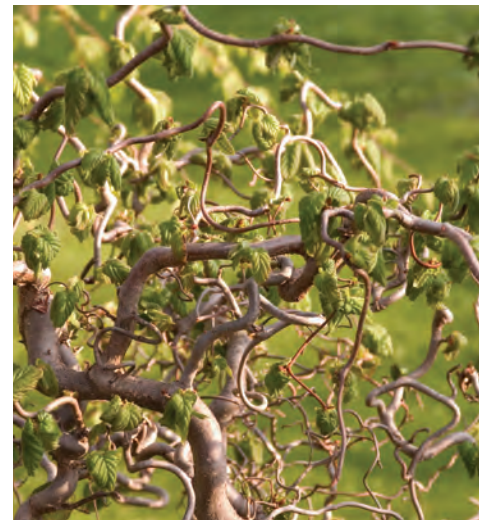
Height: 6-8' Spread: 6-8'
Zone: 4-9 Exposure: Full Sun
Shape: Rounded



Bailey Select Purpleleaf American Hazelnut

Corylus americana 'Purpleleaf Bailey Select'

Height: 6-8' Spread: 6-8'
Zone: 3-9 Exposure: Part Sun
Shape: Rounded



Harry Lauder's Walkingstick

Corylus avellana 'Contorta'

Height: 6-8' Spread: 4-6'
Zone: 5-8 Exposure: Full Sun
Shape: Upright, spreading

Grower Tip...

- An excellent grower once established.



Red Dragon European Filbert

Corylus avellana contorta 'Red Dragon' PP20,694

Height: 5-10' Spread: 5-10'
Zone: 5-9 Exposure: Full Sun
Shape: Spreading, contorted



Golden Spirit Smokebush

Cotinus coggygia 'Ancot' PP13,082

Height: 8' Spread: 6'
Zone: 4-8 Exposure: Full Sun
Shape: Broad, upright



Royal Purple Smokebush

Cotinus coggygia 'Royal Purple'

Height: 8-10' Spread: 8-10'
Zone: 5-8 Exposure: Full Sun
Shape: Upright, spreading

Grower Tip...

- Grow under milk poly in the Pacific Northwest for the best color.



Winecraft Black® Smokebush

Cotinus coggygia 'NCC01' PP30,216

Height: 4-6' Spread: 4-6'
Zone: 4-8 Exposure: Full Sun
Shape: Rounded

Grower Tip...

- Branches better and grows faster than other varieties.



Grace Smokebush

Cotinus 'Grace'

Height: 15-25' Spread: 8-15'
Zone: 4-7 Exposure: Full Sun
Shape: Upright

Cotoneaster Grower Tip...

- Root weevils are a common pest. Monitor and treat as needed.



Tom Thumb Creeping Cotoneaster

Cotoneaster adpressus 'Tom Thumb'

Height: 8-12" **Spread:** 4-6'
Zone: 4-9 **Exposure:** Full Sun
Shape: Low, spreading



Cranberry Cotoneaster

Cotoneaster apiculatus

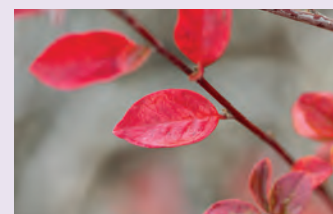
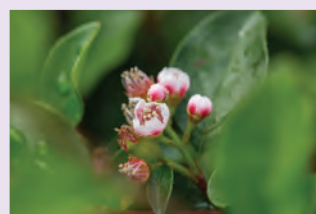
Height: 2-3' **Spread:** 3-6'
Zone: 4-7 **Exposure:** Full Sun
Shape: Dense, mounded



Hedge Cotoneaster

Cotoneaster lucidus

Height: 8-10' **Spread:** 4-5'
Zone: 2-6 **Exposure:** Full Sun
Shape: Upright



FIRST
EDITIONS
SHRUBS & TREES

Autumn Inferno® Cotoneaster

Cotoneaster 'Bronfire' PP30,493

Height: 5-6' **Spread:** 4-5'
Zone: 5-7 **Exposure:** Full Sun to Part Shade
Shape: Upright, arching

Grower Tips...

- Bacterial and fungal leaf spots, and aphids are common pests and diseases in the Pacific Northwest. Monitor and treat as needed.
- Provide additional insulation to prevent winter damage in container crops in cold regions.
- Dormant prune the spring of the selling season to remove minor tip dieback.
- Half the size of Hedge Cotoneaster.

Daphne Grower Tip...

- Prefers drier soil conditions.

**Variegated Winter Daphne***Daphne odora* 'Aureomarginata'**Height:** 3-4'**Spread:** 2-4'**Zone:** 7-9**Exposure:** Part Shade**Shape:** Rounded**Carol Mackie Daphne***Daphne x burkwoodii* 'Carol Mackie'**Height:** 2-3'**Spread:** 3-4'**Zone:** 4-7**Exposure:** Full Sun**Shape:** Mounded**Summer Ice Daphne***Daphne x caucasica* 'Summer Ice'**Height:** 4-5'**Spread:** 3-4'**Zone:** 5-8**Exposure:** Full Sun to Part Shade**Shape:** Mounded**Eternal Fragrance Daphne***Daphne x transatlantica* 'Blafra' PP18,361**Height:** 2-3'**Spread:** 2-3'**Zone:** 5-9**Exposure:** Full Sun to Part Shade**Shape:** Mounded



Nikko Slender Deutzia

Deutzia gracilis 'Nana'

Height: 2' **Spread:** 5'
Zone: 5-8 **Exposure:** Full Sun
Shape: Compact, spreading

Grower Tip...

- May need a spring prune to remove tip dieback in colder regions.



Yuki Cherry Blossom® Deutzia

Deutzia 'NCDX2' PP28,347

Height: 1-2' **Spread:** 1-2'
Zone: 5-8 **Exposure:** Full Sun to Part Shade
Shape: Mounded



Dwarf Bush Honeysuckle

Diervilla lonicera

Height: 4' **Spread:** 3-4'
Zone: 3-7 **Exposure:** Full Sun
Shape: Mounded, spreading

Grower Tip...

- Aphids are a common pest. Monitor and treat as needed in the spring to avoid leaf damage.



FIRST
EDITIONS
SHRUBS & TREES

Cool Splash® Dwarf Bush Honeysuckle

Diervilla sessilifolia 'LPDC Podaras' PP19,391

Height: 2.5-4.5' **Spread:** 2.5-4.5'
Zone: 4-7 **Exposure:** Full Sun to Part Shade
Shape: Compact, mounded

Grower Tips...

- In spring, the leaves are green and have a crinkled look. Variegation develops with warmer temperatures.
- Dormant prune in the spring of the selling season to remove old leaves.
- Can be slow to flush; use heat to promote growth.

Distylium

With their soil and shade adaptability, resistance to deer and disease pressure, and adaptability to pruning, Distylium is the evergreen shrub of the future for zones 7 – 9. Not only can they handle drought, extreme heat, wet soil, and heavy clay, but their disease resistance has landscapers using these varieties by the thousands to replace boxwood, cherry laurel, hollies, and Indian hawthorn.

Species Tips:

- In the Pacific Northwest, overwinter containers in cold frames.
- Substantial growth does not happen until summer heat begins.
- Do not prune or fertilize after August 15th otherwise bark split may occur and proper dormancy may not be reached. Any brown tips or winter dieback can be sheared off in spring.
- Broad mites and thrips are common pests. Monitor and treat as needed.
- For #3 containers or larger, use 2-3 liners to make a fuller finished plant in less time. Lightly trim liners at potting.



FIRST
EDITIONS
SHRUBS & TREES

Cinnamon Girl® Distylium

Distylium 'PIIDIST-V' PP27,631

Height: 2-3'

Spread: 3-4'

Zone: 7-9

Exposure: Full Sun to Part Shade

Shape: Rounded to spreading

Grower Tip...

- Most cold tolerant of the *Distylium* collection.



FIRST
EDITIONS
SHRUBS & TREES

Coppertone™ Distylium

Distylium 'PIIDIST-III' PP25,304

Height: 3-4'

Spread: 4-5'

Zone: 7-9

Exposure: Full Sun to Part Shade

Shape: Rounded to spreading



FIRST
EDITIONS
SHRUBS & TREES

Linebacker™ Distylium
Distylium 'PIIDIST-IV' PP25,984

Height: 8-10' Spread: 6-8'
Zone: 7-9 Exposure: Full Sun to Part Shade
Shape: Upright

Grower Tip...

- More of an upright grower, so avoid hard pruning of the top.

FIRST
EDITIONS
SHRUBS & TREES

Swing Low® Distylium
Distylium 'PIIDIST-VI' PP29,779

Height: 2-3' Spread: 4-6'
Zone: 7-9 Exposure: Full Sun to Part Shade
Shape: Spreading

FIRST EDITIONS® DISTYLIUM FINISHING TIMES

Liner Size / Type

Container Size

JumpStarts®	1 year	8" Container
JumpStarts®	1 year	#2 Container
JumpStarts®	1 year	#3 Container
JumpStarts®	18 months	#5 Container
#2 Container	1 year + flush	#5 Container

***Euonymus alatus* Grower Tip...**

- Aphids, mites, and scale are common pests. Monitor and treat as needed.

**Winged Burning Bush***Euonymus alatus*

Height: 10' Spread: 8-12'
 Zone: 3-8 Exposure: Full Sun
 Shape: Rounded

**Dwarf Burning Bush***Euonymus alatus* 'Compactus'

Height: 5-6' Spread: 5-8'
 Zone: 4-8 Exposure: Full Sun
 Shape: Rounded

**Grove Dwarf Burning Bush***Euonymus alatus* 'Grove Compactus'

Height: 5-6' Spread: 6-8'
 Zone: 4-8 Exposure: Full Sun
 Shape: Mounded

**Little Moses™ Burning Bush***Euonymus alatus* 'Odom'

Height: 2-3' Spread: 2-3'
 Zone: 4-8 Exposure: Full Sun to
 Part Shade
 Shape: Rounded

**Rudy Haag Burning Bush***Euonymus alatus* 'Rudy Haag'

Height: 4-5' Spread: 4-5'
 Zone: 5-8 Exposure: Full Sun
 Shape: Rounded, spreading

Euonymus fortunei Grower Tip...

- Root weevil is a common pest. Monitor and treat as needed.



Emerald 'n Gold Euonymus

Euonymus fortunei 'Emerald 'n Gold'

Height: 18-24" **Spread:** 5'
Zone: 5-8 **Exposure:** Full Sun
Shape: Spreading



Emerald Gaiety Euonymus

Euonymus fortunei 'Emerald Gaiety'

Height: 4-5' **Spread:** 4-5'
Zone: 5-9 **Exposure:** Full Sun
Shape: Spreading



Gold Splash® Euonymus

Euonymus fortunei 'Roemertwo'

Height: 18-24" **Spread:** 3-4'
Zone: 5-8 **Exposure:** Full Sun to
Shape: Rounded, spreading Part Shade



Moonshadow Euonymus

Euonymus fortunei 'Moonshadow'

Height: 30" **Spread:** 4'
Zone: 4-8 **Exposure:** Full Sun
Shape: Spreading



FIRST
EDITIONS
SHRUBS & TREES

Lotus Moon™ Pearl Bush
Exochorda x macrantha 'Bailmoon'

Height: 4-5'

Spread: 3-4'

Zone: 3-7

Exposure: Full Sun

Shape: Upright, rounded

Grower Tips...

- Provide an additional prune mid-summer in Midwestern climates to get the best form and body.
- Plant bareroot liners in the spring and again with JumpStarts® potted liners later in the season to stage labor and crops.



Rufa Bamboo

Fargesia dracocephala 'Rufa'

Height: 8'

Spread: 6-8'

Zone: 5-9

Exposure: Full Sun to Part Shade

Shape: Upright, arching

Grower Tip...

- Grow under milk poly in the Pacific Northwest.



Scabrida Bamboo

Fargesia 'Scabrida'

Height: 14-16'

Spread: 5-8'

Zone: 6-8

Exposure: Full Sun to Part Shade

Shape: Upright

Forsythia Grower Tips...

- Avoid overwatering to prevent tip dieback.
- Lack of snow cover and large temperature swings can affect bloom load. Provide additional winter protection when growing in containers.



Gold Tide® Forsythia

Forsythia 'Courtasol'

Height: 2-3.5' Spread: 3-4'
 Zone: 4-8 Exposure: Full Sun
 Shape: Spreading



Meadowlark Forsythia

Forsythia 'Meadowlark'

Height: 8-10' Spread: 6-10'
 Zone: 3-8 Exposure: Full Sun
 Shape: Semi arching



Northern Gold Forsythia

Forsythia 'Northern Gold'

Height: 6-8' Spread: 5-7'
 Zone: 3-8 Exposure: Full Sun
 Shape: Upright



Lynwood Gold Forsythia

Forsythia x intermedia 'Lynwood Gold'

Height: 5-7' Spread: 7'
 Zone: 4-8 Exposure: Full Sun
 Shape: Upright

F

Forsythia / Fothergilla



Show Off® Starlet Forsythia

Forsythia x 'Minfor6' PP24,361

Height: 24-36"

Spread: 24-36"

Zone: 5-8

Exposure: Full Sun

Shape: Upright, rounded

Fothergilla Grower Tips...

- Finish #2 containers using a JumpStarts® potted liner in a year and a flush in cold to moderate regions. May finish in one season in warmer regions.
- Provide additional overwintering protection for containers.
- Apply a preventative bacterial spray during flowering.



Dwarf Fothergilla

Fothergilla gardenii

Height: 4-6'

Spread: 6-8'

Zone: 5-9

Exposure: Part Sun

Shape: Upright, spreading



Blue Shadow Fothergilla

Fothergilla major 'Blue Shadow' PP15,490

Height: 5-6'

Spread: 4-5'

Zone: 4-8

Exposure: Full Sun

Shape: Upright



Mount Airy Fothergilla

Fothergilla major 'Mount Airy'

Height: 2-3'

Spread: 2-3'

Zone: 2-7

Exposure: Full Sun

Shape: Globe, compact

Gardenia

It's hard to beat the fragrance and beauty of gardenia. Our selections offer single and double flowers, repeat bloom, and a range of sizes for the garden or a patio pot.

Species Tips:

- Grow under clear plastic for additional heat to promote growth.
- Maintain consistent moisture levels to prolong bloom.
- Provide additional overwintering protection for containers.
- Mites are a common pest. Monitor and treat as needed.

FIRST
EDITIONS
SHRUBS & TREES

GARDENIA COLLECTION



FIRST
EDITIONS
SHRUBS & TREES

Sweet Tea™ Gardenia
Gardenia jasminoides 'PIIGA-II' PP27,258

Height: 3-5' Spread: 3-5'
Zone: 7-9 Exposure: Full Sun to Part Shade
Shape: Rounded



FIRST
EDITIONS
SHRUBS & TREES

Double Mint Gardenia
Gardenia jasminoides 'Double Mint' PP23,507

Height: 2.5-3' Spread: 2.5'-3'
Zone: 7-9 Exposure: Full Sun to Part Shade
Shape: Upright, rounded



FIRST
EDITIONS
SHRUBS & TREES

Sweet Star® Gardenia
Gardenia jasminoides
'PIIGA-III' PP29,448

Height: 3-5' Spread: 4-5'
Zone: 7-9 Exposure: Full Sun to Part Shade
Shape: Compact, mounded





Vernal Witch Hazel

Hamamelis vernalis

Height: 10' **Spread:** 10'
Zone: 5-8 **Exposure:** Full Sun
Shape: Upright, rounded

Witch Hazel

Hamamelis virginiana

Height: 15' **Spread:** 12-15'
Zone: 3-8 **Exposure:** Full Sun
Shape: Rounded, vase-shaped

Grower Tips...

- Prefers drier soil conditions once rooted; avoid overwatering to prevent root rot.
- Lightly dormant prune before planting.



Arnold Promise Witch Hazel

Hamamelis x intermedia 'Arnold Promise'

Height: 12-15' **Spread:** 12-15'
Zone: 5-8 **Exposure:** Full Sun to Part Shade
Shape: Round to vase-shaped

Diane Witch Hazel

Hamamelis x intermedia 'Diane'

Height: 8-12' **Spread:** 10-15'
Zone: 5-8 **Exposure:** Full Sun to Part Shade
Shape: Vase-shaped

Jelena Witch Hazel

Hamamelis x intermedia 'Jelena'

Height: 8-12' **Spread:** 8-12'
Zone: 5-8 **Exposure:** Full Sun to Part Shade
Shape: Upright, spreading



Seven-son Flower

Heptacodium miconioides

Height: 10-20' Spread: 8-15'
Zone: 5-8 Exposure: Full Sun
Shape: Upright, arching



FIRST
EDITIONS
SHRUBS & TREES

Tianshan® Seven-son flower

Heptacodium miconioides 'Minhep'

Height: 8-12' Spread: 5-7'
Zone: 5-9 Exposure: Full Sun to Part Shade
Shape: Upright arching

Grower Tips...

- Provide additional protection against late frosts in the spring.
- Finishes in a #2 container in one season from a JumpStarts® potted liner.
- Responds very well to pruning and can be sold as a large shrub or small multi-stem tree.
- Grows vigorously in warm climates and is very heat tolerant.
- Cucumber beetle is a common pest. Monitor and treat as needed.
- 1/2 to 1/3 smaller than the species.

Hibiscus - Rose of Sharon

Rose of Sharon has had a resurgence in the residential landscape due to their extended bloom time and soil adaptability. With 6-8 weeks of flowers, these varieties bring color and texture to the landscape for many months, with flowers cascading down the stem. Our single-flower selections boast blooms that are 3-4" in diameter, and the double flowers offer a variation in size and set little to no seed.

Species Tips:

- In the Pacific Northwest, grow under milk poly in the spring to protect from late frost. In the Midwest, apply additional winter cover.
- Common pests and diseases include aphids, bacterial leaf spot, botrytis, as well as Japanese and flea beetles. Monitor and treat as needed.
- Keep well hydrated to extend blooms and avoid discolored leaves.

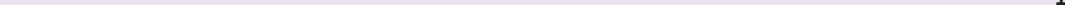


HIBISCUS COLLECTION

FIRST EDITIONS® HIBISCUS FINISHING TIMES

Liner Size / Type

Container Size

Bareroot 18"  **#2 Container**

Bareroot 2'  **#5 Container**



Bali™ Hibiscus

Hibiscus syriacus 'Minfren'

Height: 5-8'

Spread: 4-7'

Zone: 5-8

Exposure: Full Sun

Shape: Upright



Fiji™ Hibiscus

Hibiscus syriacus 'Minspot'

Height: 5-8'

Spread: 4-7'

Zone: 5-8

Exposure: Full Sun

Shape: Upright



FIRST
EDITIONS
SHRUBS & TREES

French Cabaret™ Blush Hibiscus

Hibiscus syriacus 'Mindoub1' PP27,840

Height: 5-8'

Spread: 4-7'

Zone: 5-8

Exposure: Full Sun

Shape: Upright



FIRST
EDITIONS
SHRUBS & TREES

French Cabaret™ Red Hibiscus

Hibiscus syriacus 'Mindour 1' PP30,101

Height: 5-8'

Spread: 4-7'

Zone: 5-8

Exposure: Full Sun

Shape: Upright



FIRST
EDITIONS
SHRUBS & TREES

French Cabaret™ Purple Hibiscus

Hibiscus syriacus 'Mindour 1' PP30,101

Height: 5-8'

Spread: 4-7'

Zone: 5-8

Exposure: Full Sun

Shape: Upright



FIRST
EDITIONS
SHRUBS & TREES

Tahiti™ Hibiscus

Hibiscus syriacus 'Mineru'

Height: 5-8'

Spread: 4-7'

Zone: 5-8

Exposure: Full Sun

Shape: Upright

Hydrangea arborescens Grower Tips...

- Can be susceptible to late spring frosts and benefit from later planting or uncovering.
- Protect foliage from wind damage.
- Can be cycle pruned if not selling in the same season.
- Bacterial leaf spot is a common disease, monitor and treat as needed. PGRs can be used to thicken leaves and stems, which can increase bacterial leaf spot resistance and reduce the need for fungicides.
- Maintain even moisture levels, avoiding over watering or prolonged wet soils.



Annabelle Smooth Hydrangea

Hydrangea arborescens 'Annabelle'

Height: 4-5'

Spread: 3-5'

Zone: 3-9

Exposure: Part Sun

Shape: Rounded, low growing



Incrediball® Hydrangea

Hydrangea arborescens 'Abetwo' PP20571

Height: 4-5'

Spread: 4-5'

Zone: 3-8

Exposure: Full Sun to Part Shade

Shape: Rounded

Hydrangea macrophylla

Species Tips:

- Leaf spot, powdery mildew, and anthracnose are common diseases. Monitor and use a general fungicide if humid conditions persist.
- Avoid using pre-emergent herbicides due to increased sensitivity and risk of injury.
- Recommended PGRs include those with the active ingredients daminozide and/or paclobutrazol. Do not use ethephon.
- To naturally limit growth and encourage flower production, maintain drier soil conditions during vegetative growth. However, when flowers are present do not dry stress to prevent burn on the blooms. Use acidified water if needed.
- Aphids and mites are a common pest. Monitor and treat as needed. If mites are observed, avoid the active ingredient Spiromesifen.
- Apply supplemental fertilizer while dormant for early spring feeding.





BloomStruck[®] Bigleaf Hydrangea
Hydrangea macrophylla 'PIIHM-II' PP25,566

Height: 3-4'
4-9
Spread: 4-5'
Exposure: Part Shade
Shape: Rounded to spreading

Grower Tips...

- To produce blue flowers, maintain a pH between 5.5 and 6.0. Incorporate uncoated aluminum sulfate into the substrate. Top dress in August and in the spring with coated aluminum sulfate to ensure blue color for the next season.
- In the Midwest and colder regions, avoid pruning after mid-June to encourage basal buds to form flowers for the following spring instead of growing vegetatively.
- In warm climate production for #3 or larger containers, prune plants hard after planting. Then prune once in mid-summer one node higher than the first prune for increased flower production.
- In warmer regions, increase shade to keep flowers from burning and implement a two minute cooling cycle in the extreme afternoon heat.
- Does not exhibit heat stress like other *H. macrophylla*.



Blushing Bride Bigleaf Hydrangea

Hydrangea macrophylla 'Blushing Bride' PP17,169

Height: 3-6'

Spread: 3-6'

Zone: 5-9

Exposure: Part Shade

Shape: Upright, rounded

Grower Tips...

- In warm climate production for #3 or larger containers, prune plants hard after planting. Then prune once in mid-summer one node higher than the first prune for increased flower production.
- In the Midwest and colder regions, avoid pruning after mid-June to encourage basal buds to form flowers for the following spring instead of growing vegetatively.
- In warmer regions, increase shade to keep flowers from burning and implement a two-minute cooling cycle in the extreme afternoon heat.





Summer Crush[®] Bigleaf Hydrangea
Hydrangea macrophylla 'Bailmacfive' PP30,359

Height: 18-36" **Spread:** 18-36"
Zone: 4-9 **Exposure:** Part Shade
Shape: Upright, rounded

Grower Tips...

- Most responsive to PGRs, however use is often unnecessary due to the genetically compact form.
- In warm regions, increase shade during flowering to reduce burn on the blooms.
- In the Pacific Northwest, the last cut back should occur around Labor Day. This will assist in spring bloom from a terminal bud. Secondary blooms will occur on lateral and basal buds sequentially as the season progresses.





The Original Bigleaf Hydrangea

Hydrangea macrophylla 'Bailmer' PP15,298

Height: 3-5' Spread: 3-5'
Zone: 4-9 Exposure: Part Shade
Shape: Rounded

Grower Tips...

- To produce blue flowers, maintain a pH between 5.5 and 6.0. Incorporate uncoated aluminum sulfate into the substrate. Top dress in August and in the spring with coated aluminum sulfate to ensure blue color for the next season.
- In the Midwest and colder regions, avoid pruning after mid-June to encourage basal buds to form flowers for the following spring instead of growing vegetatively.
- In warmer regions, increase shade to keep flowers from burning and implement a two minute cooling cycle in the extreme afternoon heat.



HYDRANGEA COLLECTION



Twisted-n-Shout® Bigleaf Hydrangea
Hydrangea macrophylla 'PIIHM-I' PP20,176

Height: 3-5' **Spread:** 3-4'
Zone: 4-9 **Exposure:** Part Shade
Shape: Upright, rounded

Grower Tips...

- In warm regions, increase shade during flowering to reduce burn on the blooms
- In warm regions, water thoroughly when soil media is dry. A two minute cooling cycle is recommended in extreme afternoon heat.
- To produce blue flowers, maintain a pH between 5.5 and 6.0. Incorporate uncoated aluminum sulfate into the substrate. Top dress in August and in the spring with coated aluminum sulfate to ensure blue color for the next season.

ENDLESS SUMMER® HYDRANGEA FINISHING TIMES

Liner Size / Type

Container Size

JumpStarts®	8-10 weeks	8" Container
JumpStarts®	10-12 weeks	#2 Container
JumpStarts®	14 weeks	#3 Container
Bareroot #1	10-12 weeks	#2 Container
Bareroot #1	14-16 weeks	#3 Container
Bareroot #1	16-18 weeks	#5 Container
8" Container	14 weeks	#3 Container
8" Container	16-18 weeks	#5 Container

HYDRANGEA COLLECTION



FIRST
EDITIONS
SHRUBS & TREES

Light-O-Day® Hydrangea
Hydrangea macrophylla 'Bailday'

Height: 3-5' **Spread:** 3-5'
Zone: 5-9 **Exposure:** Morning Sun, Part Shade
Shape: Rounded

Grower Tips...

- Needs frost protection in spring and fall and can be slow to break dormancy. Use heat in the spring to promote growth.
- In spring, plants can be fully green but variegation will develop with more heat.
- High water requirements in warmer climates. Water approximately 1" per day depending on plant size and temperatures.
- In the Pacific Northwest, stop pruning around August 15th to ensure terminal flower buds develop and set for the next season.

Hydrangea quercifolia Grower Tips...

- Keep soil moist, but do not overwater plants when they are young.
- Avoid late afternoon overhead irrigation, maintain good fertility, and use a preventative copper spray to avoid leaf spots.
- Flea beetles are common pests. Monitor and treat as needed.



FIRST
EDITIONS
SHRUBS & TREES

Jetstream™ Hydrangea
Hydrangea quercifolia 'PIIHQ-I' PP25,319

Height: 18-36" **Spread:** 18-36"
Zone: 4-9 **Exposure:** Part Shade
Shape: Upright, rounded

Grower Tips...

- Finishes quickly in a #2 container from a JumpStarts® potted liner.
- Maintain proper spacing for even growth and better branching.
- In warmer climates, treat with Subdue Maxx in late February to protect against any frost cracks that may occur during winter.
- In warmer climates, begin pruning in April and no later than May 1 as plants respond poorly in high heat.
- Treat with a fungicide after pruning.



Alice Oakleaf Hydrangea

Hydrangea quercifolia 'Alice'

Height: 10-12'

Spread: 10-12'

Zone: 5-9

Exposure: Full Sun to Part Shade

Shape: Upright, arching



Ruby Slippers Oakleaf Hydrangea

Hydrangea quercifolia 'Ruby Slippers'

Height: 3.5'

Spread: 5'

Zone: 5-8

Exposure: Full Sun to Part Shade

Shape: Rounded



Sikes Dwarf Hydrangea

Hydrangea quercifolia 'Sikes Dwarf'

Height: 3-4'

Spread: 3-4'

Zone: 5-9

Exposure: Full Sun to Part Shade

Shape: Upright, arching



Snowflake Hydrangea

Hydrangea quercifolia 'Snowflake'

Height: 6-7'

Spread: 6-7'

Zone: 5-9

Exposure: Full Sun to Part Shade

Shape: Compact, rounded



Snow Queen Oakleaf Hydrangea

Hydrangea quercifolia 'Snow Queen'

Height: 8'

Spread: 10'

Zone: 5-9

Exposure: Full Sun to Part Shade

Shape: Broadly pyramidal

Hydrangea paniculata

First Editions® has rock stars that lead the *Hydrangea paniculata* category like Vanilla Strawberry™ and Strawberry Sundae®. And they rule for a reason: we trial and test our plants for years to ensure that they're truly bringing something new to the market and not just introducing another hydrangea for the sake of introducing another variety. This collection offers landscapers and homeowners hardworking plants in various sizes and bloom colors.

Species Tips:

- Maintain consistent moisture levels during the flowering stage.
- For larger container production use a 1-year or 2-year bareroot liner.
- Flea beetle and two-spotted spider mites are common pests. Monitor and treat as needed.
- Use PGRs to thicken leaves and stems to prevent flop.

FIRST
EDITIONS
SHRUBS & TREES

PANICLE HYDRANGEA COLLECTION



FIRST
EDITIONS
SHRUBS & TREES

Diamond Rouge® Panicle Hydrangea
Hydrangea paniculata 'Rendia' PP24,667

Height: 4-5'

Spread: 3-4'

Zone: 3-8

Exposure: Full Sun to Part Shade

Shape: Compact, upright



HYDRANGEA COLLECTION



FIRST
EDITIONS
SHRUBS & TREES

Berry White® Panicle Hydrangea
Hydrangea paniculata 'Renba' PP28,509

Height: 6-7'

Spread: 4-5'

Zone: 3-8

Exposure: Full Sun to Part Shade

Shape: Upright

Grower Tip...

- Prune only once and in early spring. Additional vegetative pruning may result in 11-12 weeks of delayed bud formation.





FIRST
EDITIONS
SHRUBS & TREES

Little Hottie™ Panicle Hydrangea

Hydrangea paniculata 'Bailpanone' PP32,549

Height: 3-5'

Spread: 3-5'

Zone: 3-8

Exposure: Full Sun to Part Shade

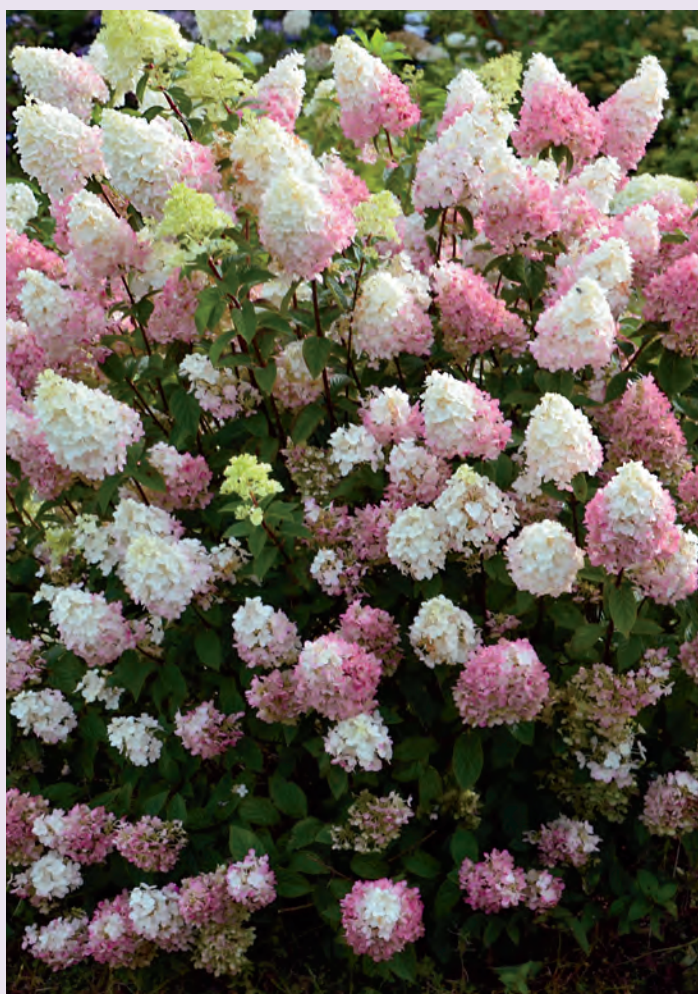
Shape: Rounded

Grower Tip...

- Requires little to no pruning to maintain shape due to natural habit.

Grower Tips...

- Dormant prune and then again after a flush if desired branching has not occurred.
- Can be stage pruned with additional blooms to be expected 10-12 weeks later.
- To stage crops, plant bareroot liners for spring-to-spring sales and use JumpStarts® potted liners for summer-to-summer sales.
- In the Pacific Northwest, use PGRs with active ingredients such as paclobtrazol and/or daminozide to control internode length.
- Two-spotted spider mites and flea beetles are common pests. Monitor and treat as needed.



Strawberry Sundae® Panicle Hydrangea

Hydrangea paniculata 'Rensun' PP25,438

Height: 4-5'

Spread: 3-4'

Zone: 3-8

Exposure: Full Sun to Part Shade

Shape: Compact, upright



Vanilla Strawberry™ Hydrangea

Hydrangea paniculata 'Renhy' PP20,670

Height: 6-7'

Spread: 5-6'

Zone: 3-8

Exposure: Full Sun to Part Shade

Shape: Upright



FIRST
EDITIONS
SHRUBS & TREES

White Diamonds® Panicle Hydrangea

Hydrangea paniculata 'HYPMAD I' PP19,082

Height: 4-6'

Spread: 5'

Zone: 3-8

Exposure: Full Sun to Part Shade

Shape: Compact, dense

FIRST EDITIONS® PANICLE HYDRANGEAS FINISHING TIMES

Liner Size / Type

Container Size

JumpStarts®	8-10 weeks	8" Container
JumpStarts®	10-12 weeks	#2 Container
Baeroot / Rooted Cutting	16-18 weeks	8" Container
Baeroot / Rooted Cutting	20 weeks	#2 Container
Baeroot 6"	10-12 weeks	#2 Container
Baeroot 18"	12-14 weeks	#5 Container
8" Container	8-10 weeks	#5 Container
#2 Container	10-12 weeks	#5 Container



Bobo® Panicle Hydrangea

Hydrangea paniculata 'ILVOBO' PP22,782

Height: 2.5-3' Spread: 3-4'

Zone: 3-8 Exposure: Full Sun to Part Shade

Shape: Upright rounded



Limelight Panicle Hydrangea

Hydrangea paniculata 'Limelight' PP12,874

Height: 6-8' Spread: 5-7'

Zone: 3-8 Exposure: Full Sun to Part Shade

Shape: Upright, rounded



Little Quick Fire® Hydrangea

Hydrangea paniculata 'SMHPLQF' PP25,136

Height: 3-5' Spread: 4-7'

Zone: 3-8 Exposure: Full Sun to Part Shade

Shape: Upright rounded



Quick Fire® Panicle Hydrangea

Hydrangea paniculata 'Bulk' PP16,812

Height: 6-8' **Spread:** 6-8'

Zone: 3-8 **Exposure:** Full Sun to Part Shade

Shape: Rounded



Limelight Prime™ Panicle Hydrangea

Hydrangea paniculata 'SMNHPPH' PPAF

Height: 4-6' **Spread:** 4-5'

Zone: 3-8 **Exposure:** Full Sun to Part Shade

Shape: Upright, rounded



Little Lime® Panicle Hydrangea

Hamamelis x intermedia 'Arnold Promise'

Height: 12-15' **Spread:** 12-15'

Zone: 5-8 **Exposure:** Full Sun to Part Shade

Shape: Round to vase-shaped



Pinky Winky® Panicle Hydrangea

Hydrangea paniculata 'DVPpinky' PP16,166

Height: 6-8' **Spread:** 6-8'

Zone: 3-8 **Exposure:** Full Sun to Part Shade

Shape: Rounded



Cobalt-n-Gold™ Hypericum

Hypericum kalmianum 'PIIHYP-I' PP25,318

Height: 2-3' Spread: 4-5'

Zone: 4-7 Exposure: Full Sun

Shape: Mounded

Grower Tips...

- Blooms on both old and new wood.
- No pruning required.
- Finishes quickly in a #2 container from a JumpStarts® potted liner.

Hypericum

This assortment of *Hypericum inodorum* from Europe were bred for excellent branching, lots of berries, and good resistance to rust. Bright yellow flowers in spring followed by showy berries in late summer make this a good choice for refreshing mixed patio containers or for indoor floral arrangements. Introduced by Plants Nouveau.



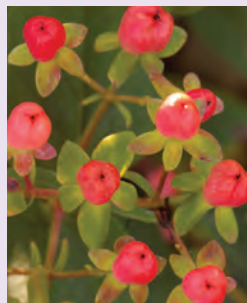
Pumpkin Hypericum

Hypericum inodorum
'Kolmapuki' PP24,576

Height: 2.5-3' Spread: 2-2.5'

Zone: 6-9 Exposure: Full Sun

Shape: Upright, rounded



Red Star Hypericum

Hypericum inodorum
'Kolmarest' PP21,313

Height: 2.5-3' Spread: 2-2.5'

Zone: 6-9 Exposure: Full Sun

Shape: Upright, rounded



FIRST
EDITIONS
SHRUBS & TREES

Chubby Hubby™ Japanese Holly

Ilex crenata 'MAD-IC-I' PP32,035

Height: 5-7'

Spread: 3-4'

Zone: 6-8

Exposure: Full Sun to Part Shade

Shape: Upright, oval



FIRST
EDITIONS
SHRUBS & TREES

Wildfire™ Winterberry

Ilex verticillata 'Bailfire'

Height: 8-10'

Spread: 8-10'

Zone: 4-9

Exposure: Full Sun

Shape: Rounded

Grower Tip...

- Finish #2 containers in 10-12 weeks using a 3-year 12" liner.



FIRST
EDITIONS
SHRUBS & TREES

Straight & Narrow® Japanese Holly

Ilex crenata 'PIIIC-I' PP29,578

Height: 6-8'

Spread: 2-3'

Zone: 6-8

Exposure: Full Sun to Part Shade

Shape: Upright

Grower Tips...

- Mites can appear in warm weather. Monitor and treat as needed.
- Susceptible to late spring frost; provide additional winter protection to prevent dieback.
- Male, non-fruiting.
- The strong upright habit won't open up and split with age like other varieties such as Sky Pencil.



Sky Pencil Japanese Holly

Ilex crenata 'Sky Pencil'

Height: 6-10' **Spread:** 18-36"

Zone: 6-8 **Exposure:** Full Sun to
Part Shade

Shape: Columnar

Grower Tip...

- Prone to flopping in larger containers; stake to promote stronger branches when young.



Shamrock Inkberry

Ilex glabra 'Shamrock'

Height: 3-4' **Spread:** 3-4'

Zone: 4-9 **Exposure:** Full Sun

Shape: Upright rounded

Grower Tips...

- Prefers drier soil conditions.
- Leaf spot is a common disease. Monitor and treat as needed.



Jim Dandy Winterberry

Ilex verticillata 'Jim Dandy'

Height: 3-6' **Spread:** 4-5'

Zone: 4-9 **Exposure:** Full Sun

Shape: Rounded



Red Sprite Winterberry

Ilex verticillata 'Red Sprite'

Height: 2-3' **Spread:** 3-4'

Zone: 4-9 **Exposure:** Full Sun

Shape: Globose, dense, compact



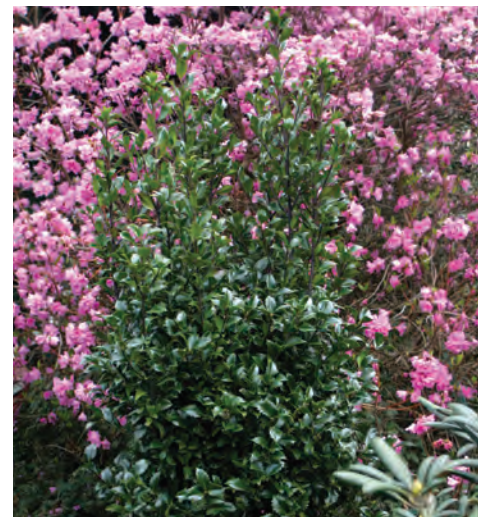
Castle Spire® Holly

Ilex x meserveae 'Hachfee' PP14,310

Height: 8-10' **Spread:** 3-4'

Zone: 5-7 **Exposure:** Full Sun

Shape: Upright to pyramidal



Castle Wall® Holly

Ilex x meserveae 'Heckenstar' PP14,308

Height: 5-8' **Spread:** 3-4'

Zone: 5-7 **Exposure:** Full Sun

Shape: Upright to pyramidal



FIRST
EDITIONS
SHRUBS & TREES

BananAppeal® Small Anise Tree

Illicium parviflorum 'PIIIP-I' PP28,887

Height: 3-4'

Spread: 3-4'

Zone: 7-9

Exposure: Part Sun to Full Shade

Shape: Upright, round

Grower Tips...

- In warm climates, grow under filtered sun using 47-50% shade cloth.
- Provide winter protection such as frost blankets in the Pacific Northwest.
- Grows more actively with warmer temperatures.
- As is typical for the species, mites and slugs are common pests. Monitor and treat as needed.

FIRST
EDITIONS
SHRUBS & TREES

Pink Frost Florida Anise Tree

Illicium floridanum 'Pink Frost' PP21,287

Height: 6-10'

Spread: 6-10'

Zone: 7-9

Exposure: Shade

Shape: Rounded

Grower Tips...

- In warm climates, grow under partial shade.
- Plant in fall to establish roots and overwinter in cold frames. In spring, prune to a node and flush. The first flush in the spring may have distorted/curled foliage, but the plants will grow out of this.
- Prefers drier soil conditions, especially when young. During hot and wet conditions, limit irrigation to run soil extra dry and use fungicides to avoid root rot.
- Foliage turns shades of pink to red with cooler weather in fall.
- For fuller plants, upshift an 8" into a #3 container.



FIRST
EDITIONS
SHRUBS & TREES

Love Child® Sweetpire

Itea virginica 'Bailteaone' PP31,318

Height: 3-4'

Spread: 3-4'

Zone: 6-9

Exposure: Full Sun to Part Shade

Shape: Mounded

Grower Tips...

- Finishes in one season with a JumpStarts® potted liner for #2 or #3 containers, or bareroot 2-3' liners for larger containers.
- In warmer climates, use 55% milk poly to provide shadier growing conditions.
- Two-spotted spider mites are a common pest. Monitor and treat as needed.
- Blooms on old wood.
- Less prone to chlorosis than other varieties.



Little Henry® Dwarf Sweetpire

Itea virginica 'Sprich'

Height: 18-24"

Spread: 3'

Zone: 5-9

Exposure: Full Sun to Full Shade

Shape: Low, mounded

Grower Tip...

- Flea beetles are a common pest. Monitor and treat as needed.

GREEN LEAF

Glossy and lustrous foliage, with some spring or fall color depending on the variety.



FIRST
EDITIONS
SHRUBS & TREES

Plum Magic Crapemyrtle

Lagerstroemia 'Plum Magic' PP23,518

Height: 12-14' Spread: 8-10'
Zone: 7-9 Exposure: Full Sun
Shape: Upright rounded



FIRST
EDITIONS
SHRUBS & TREES

Purple Magic Crapemyrtle

Lagerstroemia 'Purple Magic' PP23,906

Height: 7-8' Spread: 7-8'
Zone: 7-9 Exposure: Full Sun
Shape: Rounded



GREEN LEAF

Glossy and lustrous foliage, with some spring or fall color depending on the variety.



FIRST
EDITIONS
SHRUBS & TREES

Coral Magic Crape Myrtle

Lagerstroemia 'Coral Magic' PP23,922

Height: 8-10'

Spread: 6-8'

Zone: 7-9

Exposure: Full Sun

Shape: Rounded



FIRST
EDITIONS
SHRUBS & TREES

Ruffled Red Magic™ Crape Myrtle

Lagerstroemia 'PIILAG-VII' PP27,303

Height: 9-12'

Spread: 7-9'

Zone: 7-9

Exposure: Full Sun

Shape: Upright



An excellent alternative to purple leaf plums in zones 7-9.



Height: 7-9' **Spread:** 5-7'

Zone: 7-9 **Exposure:** Full Sun

Shape: Upright, oval



Height: 12-14' **Spread:** 6-8'
Zone: 7-9 **Exposure:** Full Sun
Shape: Upright



Height: 6-8' Spread: 5-6'
Zone: 7-9 Exposure: Full Sun
Shape: Upright

8" Container

#2 Container

#3 Container

#3 Container

#5 Container



FIRST
EDITIONS
SHRUBS & TREES

Straight Talk® Privet
Ligustrum vulgare 'Swift'

Height: 12'

Spread: 2-4'

Zone: 4-8

Exposure: Full Sun to Part Shade

Shape: Upright

Grower Tips...

- Finishes in one year in a #2 container from a JumpStarts® potted liner.
- Prefers drier soil conditions.
- Responds well to preventative fungicide treatments.

FIRST EDITIONS® FRINGE FLOWER FINISHING TIMES

Liner Size / Type

Container Size

JumpStarts®	1 year	8" Container
JumpStarts®	1 year	#2 Container
JumpStarts®	1 year	#3 Container
8" Container	3-6 months	#3 Container
8" Container	9 months	#5 Container



FIRST
EDITIONS
SHRUBS & TREES

Sparkling Sangria™ Fringe Flower
Loropetalum chinense var. rubrum 'PIILC-I' PP25,534

Height: 7-9' Spread: 5-7'
Zone: 7-9 Exposure: Full Sun to Part Shade
Shape: Mounded

FIRST
EDITIONS
SHRUBS & TREES

Crimson Fire™ Fringe Flower
Loropetalum chinense var. rubrum 'PIILC-II' PP25,470

Height: 10' Spread: 10'
Zone: 7-9 Exposure: Full Sun to Part Shade
Shape: Rounded to spreading



Edmee Gold™ Honeysuckle

Lonicera nitida 'Briloni' PP15,234

Height: 4' Spread: 4'
 Zone: 6-9 Exposure: Shade
 Shape: Tall ground-cover



Pacific Wax Myrtle

Myrica californica

Height: 10-12' Spread: 10-12'
 Zone: 7-10 Exposure: Full Sun to Part Shade
 Shape: Upright rounded

Grower Tips...

- Monitor moisture levels; avoid heavy watering to prevent disease.
- Prune for shape.



Tuscan Flame Heavenly Bamboo

Nandina domestica 'Tuscan Flame' PP21,940

Height: 3-4' Spread: 3-4'
 Zone: 6-9 Exposure: Part Shade
 Shape: Upright rounded

Grower Tips...

- Prune in the summer for shape.
- Decrease watering into the fall, avoiding wet soils for the winter.



Nandina

Selected for outstanding fall and winter color, the Cool Glow™ series of Nandina also offers compact habit and sparse seed set. This is a stunning new offering for shoulder season retail sales and winter landscapes.



Cool Glow™ Lime Nandina

Nandina domestica 'ZhNan102' PPAF

Height: 3-4' Spread: 3-4'
Zone: 6-9 Exposure: Full Sun to Part Shade
Shape: Upright, rounded

Cool Glow™ Peach Nandina

Nandina domestica 'ZhNan28' PPAF

Height: 3-4' Spread: 3-4'
Zone: 6-9 Exposure: Full Sun to Part Shade
Shape: Upright, rounded

Cool Glow™ Pomegranate Nandina

Nandina domestica 'ZhNan53' PPAF

Height: 3-4' Spread: 3-4'
Zone: 6-9 Exposure: Full Sun to Part Shade
Shape: Upright, rounded



Blizzard Mockorange

Philadelphus lewisii 'Blizzard'

Height: 4-5' Spread: 3'
 Zone: 3-7 Exposure: Full Sun
 Shape: Upright



Miniature Snowflake Mockorange

Philadelphus 'Miniature Snowflake'

Height: 2-3' Spread: 1-2'
 Zone: 4-8 Exposure: Full Sun
 Shape: Dwarf, compact, upright



Snowbelle Mockorange

Philadelphus 'Snowbelle'

Height: 3-4' Spread: 3-4'
 Zone: 4-8 Exposure: Full Sun
 Shape: Mounded



FIRST
EDITIONS
SHRUBS & TREES

Snow White™ Mockorange

Philadelphus 'Snowwhite Fantasy' PP13,774

Height: 5-6' Spread: 4-5'
 Zone: 4-8 Exposure: Full Sun
 Shape: Upright, rounded



Grower Tips...

- Keep plants protected from spring frost by growing under poly.
- Finishes a #2 container in 10-14 weeks depending on climate by using a 12" bareroot liner.
- As is typical of the species, leaf spot can occur. Monitor and treat as needed.

Physocarpus

Powdery mildew is a common disease. If using overhead irrigation, ensure plants are spaced adequately for increased airflow.



NINEBARK COLLECTION



Amber Jubilee™ Ninebark

Physocarpus opulifolius 'Jefam' PP23,177

Height: 5-7' Spread: 4-6'
Zone: 2-7 Exposure: Full Sun
Shape: Upright, rounded

Grower Tips...

- Sensitive to high salt levels; leach early to reduce ECs.
- During the summer heat, mist to keep hydrated and prevent flagging.
- Flea beetles and two spotted spider mites are common pests. Monitor and treat as needed.
- Stage prune throughout the growing season based on sales demand.
- It is very light sensitive. If the plants are overwintered in an opaque poly house, they will be yellow until they are exposed to direct sunlight. Within approximately seven days of receiving direct sunlight, the foliage starts to change to an amber color.



Fireside® Ninebark

Physocarpus opulifolius 'UMNHarpell' PP30,792

Height: 5-7' Spread: 4-6'
Zone: 3-7 Exposure: Full Sun
Shape: Upright, rounded

Grower Tips...

- Finish a #2 container in one season when using a JumpStarts® potted liner. For #5 containers, upshift from a #2.
- Breaks dormancy a little later than other ninebark but will catch up as temperatures increase.
- Naturally compact habit requires less pruning than other varieties.
- Bacterial leaf spots and two-spotted spider mites are common pests and diseases. Monitor and treat as needed.
- Sensitive to high salt levels; leach early to reduce ECs.

NINEBARK COLLECTION



FIRST
EDITIONS
SHRUBS & TREES

Little Devil™ Ninebark

Physocarpus opulifolius 'Donna May' PP22,634

Height: 3-4'

Spread: 3-4'

Zone: 3-7

Exposure: Full Sun

Shape: Upright rounded

Grower Tips...

- Stage #2 container crops and labor by planting bareroot liners in the spring followed by Jumpstarts® potted liners later in the season. Use 2-year bareroot liners for larger containers.
- If more vigorous growth is observed on stems without flowers, trim back terminals in spring to eliminate water sprout type growth.
- In cooler climates, water as late as possible in the fall as its leaves will continue to transpire well into January.
- In colder regions, overwinter under a double layer of poly and sudangrass instead of inside poly houses.



FIRST EDITIONS® NINEBARK FINISHING TIMES

Liner Size / Type

Container Size

JumpStarts®	8-10 weeks	8" Container
JumpStarts®	10-12 weeks	#2 Container
JumpStarts®	12-14 weeks	#3 Container
JumpStarts®	14-16 weeks	#5 Container
Bareroot 6"	6-8 weeks	#2 Container
Bareroot 12"	8-10 weeks	#2 Container
Bareroot 12"	10-12 weeks	#3 Container
Bareroot 18"	10-12 weeks	#3 Container
Bareroot 18"	12 weeks	#5 Container
8" Container	8 weeks	#3 Container
8" Container	11 weeks	#5 Container



Dart's Gold Ninebark

Physocarpus opulifolius 'Dart's Gold'

Height: 4-5' **Spread:** 4-5'
Zone: 2-7 **Exposure:** Full Sun
Shape: Compact, rounded



Diabolo® Ninebark

Physocarpus opulifolius 'Monlo'

Height: 8-10' **Spread:** 8-10'
Zone: 3-7 **Exposure:** Full Sun
Shape: Upright, rounded



Summer Wine® Ninebark

Physocarpus opulifolius 'Seward' PP14,821

Height: 5-6' **Spread:** 5-6'
Zone: 3-7 **Exposure:** Full Sun
Shape: Upright rounded

Grower Tip...

- Stage plant for fresh crops as leaves can burn during the mid-summer heat.

Pieris Grower Tips...

- Grow under milk poly in the Pacific Northwest to protect from frost and summer burn.
- *Phytophthora* and lace bugs are common pests and diseases. Monitor and treat as needed.
- Sensitive to high salt levels; leach early to reduce ECs (Electrical Conductivity).



Cavatine Japanese Pieris

Pieris japonica 'Cavatine'

Height: 3-4' **Spread:** 3-4'
Zone: 5-9 **Exposure:** Full Sun to Part Shade
Shape: Mound



Mountain Fire Japanese Pieris

Pieris japonica 'Mountain Fire'

Height: 6-8' **Spread:** 4-6'
Zone: 5-9 **Exposure:** Full Sun to Part Shade
Shape: Mound

Potentilla

For the coldest regions of the country, potentilla is one of the most reliable bloomers to give color to the summer landscape. Hardy to zone 2, these shrubs are deer resistant and durable for even the harshest of cold climates.

Species Tips:

- Stage #2 container crops and labor in the Midwest by planting dormant JumpStarts® potted liners in the spring followed by green liners in summer.
- Ensure bareroot liners are properly hydrated before and post planting.
- New growth is susceptible to spring frosts; avoid planting too early or provide protection until the threat passes.
- Maintain high soil moisture levels going into the fall and through winter.
- Dormant prune once at planting, and again as needed for shape.



FIRST
EDITIONS
SHRUBS & TREES

Crème Brûlée™ Potentilla

Potentilla fruticosa 'Bailbrule'

Height: 3-3.5' Spread: 2-3'
Zone: 2-6 Exposure: Full Sun
Shape: Upright rounded



FIRST
EDITIONS
SHRUBS & TREES

Lemon Meringue™ Potentilla

Potentilla fruticosa 'Bailmeringue'

Height: 2-3' Spread: 2-3'
Zone: 2-6 Exposure: Full Sun
Shape: Upright mounded



FIRST
EDITIONS
SHRUBS & TREES

Mandarin Tango® Potentilla
Potentilla fruticosa 'Jefman' PP29,830

Height: 2-3' Spread: 2-3'
Zone: 2-6 Exposure: Full Sun
Shape: Rounded

FIRST
EDITIONS
SHRUBS & TREES

Marmalade® Potentilla
Potentilla fruticosa 'Jefmarm' PP31,663

Height: 2-3' Spread: 2-3'
Zone: 2-6 Exposure: Full Sun
Shape: Upright, rounded

FIRST EDITIONS® POTENTILLA FINISHING TIMES

Liner Size / Type

Container Size

JumpStarts®	10-12 weeks	#2 Container
JumpStarts®	1 YEAR	#3 Container
Bareroot 6"	8-10 weeks	#2 Container
Bareroot 6"	10-12 weeks	#3 Container
Bareroot 9"	10-12 weeks	#3 Container
Bareroot 12"	12-14 weeks	#5 Container
8" Container	10-12 weeks	#3 Container
8" Container	10-12 weeks	#5 Container



Dakota Sunspot® Potentilla

Potentilla fruticosa 'Fargo'

Height: 30-36"

Spread: 3-4'

Zone: 2-6

Exposure: Full Sun

Shape: Compact, rounded



Goldfinger Potentilla

Potentilla fruticosa 'Goldfinger'

Height: 3'

Spread: 3-4'

Zone: 2-6

Exposure: Full Sun

Shape: Compact, mounded



Mango Tango™ Potentilla

Potentilla fruticosa 'UMan' PP12,258

Height: 2'

Spread: 2'

Zone: 2-6

Exposure: Full Sun

Shape: Rounded



McKay's White Potentilla

Potentilla fruticosa 'McKay's White'

Height: 24-30"

Spread: 24-36"

Zone: 2-6

Exposure: Full Sun

Shape: Mounded



Pink Beauty Potentilla

Potentilla fruticosa 'Pink Beauty'

Height: 2'

Spread: 2'

Zone: 2-6

Exposure: Full Sun

Shape: Rounded

Prunus Grower Tips...

- Prefers drier storage and overwintering conditions.
- Fungal leaf spot, shothole, and tip dieback are common diseases. Monitor and treat as needed.
- Limit overhead watering and provide ample spacing for good airflow to aid in disease prevention.
- Limit storage time and plant as early as possible



Pawnee Buttes® Western Sand Cherry

Prunus besseyi

Height: 15-18" **Spread:** 4-6'
Zone: 3-8 **Exposure:** Full Sun
Shape: Spreading



Pink Flowering Almond

Prunus glandulosa 'Rosea Plena'

Height: 5-6' **Spread:** 3-4'
Zone: 4-8 **Exposure:** Full Sun
Shape: Upright, vase shape



Purpleleaf Sand Cherry

Prunus x cistena

Height: 6-8' **Spread:** 5-6'
Zone: 3-8 **Exposure:** Full Sun
Shape: Upright, oval

Grower Tip...

- Responds well to hard pruning.



FIRST
EDITIONS
SHRUBS & TREES

Jade Parade® Sand Cherry

Prunus pumila 'UCONNPP002' PPAF

Height: 2-3' **Spread:** 4-6'
Zone: 3-7 **Exposure:** Full Sun
Shape: Spreading

Grower Tips...

- Stage plant #2 containers and labor by using bareroot liners in the spring followed by JumpStarts® potted liners later.
- Responds well to a single prune, finishing well in one season.



Fine Line® Buckthorn

Rhamnus frangula 'Ron Williams' PP14,791

Height: 5-7' Spread: 2-3'
 Zone: 2-7 Exposure: Full Sun
 Shape: Columnar

Grower Tip...

- Finish containers in one season using a 12" bareroot liner for a #2, and 18"-2' for a #5 or #7 container.



Purple Gem Rhododendron

Rhododendron x "Purple Gem"

Height: 2-3' Spread: 3'
 Zone: 4-7 Exposure: Part Shade
 Shape: Compact rounded



P.J.M. Rhododendron

Rhododendron 'P.J.M.'

Height: 4-5' Spread: 3-5'
 Zone: 4-7 Exposure: Part Sun
 Shape: Rounded

Grower Tip...

- *Phytophthora* is a common disease. Monitor and treat as needed.



Aglo Rhododendron

Rhododendron 'Aglo'

Height: 3-4' Spread: 3-4'
 Zone: 4-7 Exposure: Part Sun
 Shape: Compact

Grower Tips...

- To reduce breakage, overwinter containers upright and stored pot to pot.
- Powdery mildew and leaf spot are common diseases. Monitor and treat as needed.
- Prune prior to bud set.
- Sensitive to high salt levels; leach to reduce ECs.
- Use a larger liner for faster finishes.



Candy Lights™ Azalea

Rhododendron 'Candy Lights'

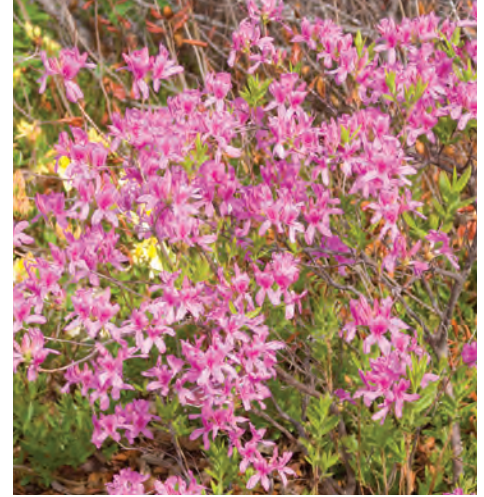
Height: 3-4' Spread: 3-4'
Zone: 4-7 Exposure: Full Sun
Shape: Upright, rounded



Lemon Lights Azalea

Rhododendron 'Lemon Lights'

Height: 4-5' Spread: 3-4'
Zone: 4-7 Exposure: Full Sun
Shape: Rounded



Lilac Lights™ Azalea

Rhododendron 'Lilac Lights'

Height: 3-4' Spread: 3-4'
Zone: 4-9 Exposure: Full Sun
Shape: Compact, rounded



FIRST
EDITIONS
SHRUBS & TREES

Electric Lights™ Double Pink Azalea

Rhododendron 'UMNAZ 493' PP26,600

Height: 6-7' Spread: 4-5'
Zone: 4-7 Exposure: Full Sun to Part Shade
Shape: Upright rounded



FIRST
EDITIONS
SHRUBS & TREES

Electric Lights™ Red Azalea

Rhododendron 'UMNAZ 633' PPAF

Height: 4-5' Spread: 3-4'
Zone: 4-7 Exposure: Full Sun to Part Shade
Shape: Compact, rounded



Mandarin Lights Azalea

Rhododendron 'Mandarin Lights'

Height: 4-5' Spread: 4-5'
 Zone: 4-7 Exposure: Full Sun
 Shape: Upright, rounded



Millenium Azalea

Rhododendron 'Millenium'

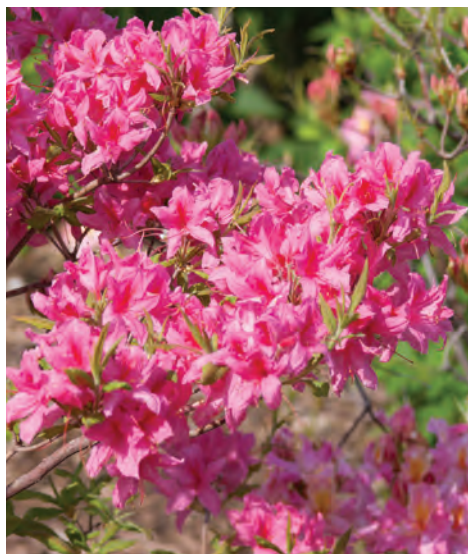
Height: 4-5' Spread: 3-4'
 Zone: 4-7 Exposure: Full Sun to Part Shade
 Shape: Rounded



Northern Hi-Lights Azalea

Rhododendron 'Northern Hi-Lights'

Height: 4-5' Spread: 5'
 Zone: 4-7 Exposure: Full Sun
 Shape: Upright, rounded



Rosy Lights Azalea

Rhododendron 'Rosy Lights'

Height: 4-5' Spread: 5-6'
 Zone: 4-7 Exposure: Full Sun
 Shape: Spreading



Tri-Lights Azalea

Rhododendron 'Tri-Lights'

Height: 4' Spread: 5-6'
 Zone: 4-7 Exposure: Part Sun
 Shape: Upright, rounded



Mollis Azalea

Rhododendron x kosteranum

Height: 4-5' Spread: 4-5'
 Zone: 4-7 Exposure: Part Sun
 Shape: Rounded



FIRST
EDITIONS
SHRUBS & TREES

**Tiger Eyes®
Cutleaf Staghorn Sumac**
Rhus typhina 'Bailtiger' PP16,185

Height: 6' Spread: 6'
Zone: 4-8 Exposure: Full Sun
Shape: Upright, rounded

Grower Tips...

- Bareroot is best dug in spring to avoid winter storage.
- Hard prune dormant bareroot liners to 4" to encourage branching. Stage crops and labor by spring planting 1yr bareroot liners in #2 containers to ship by mid to late July. Then fall plant dormant JumpStarts® potted liners to ship in the early spring.

FIRST EDITIONS® TIGER EYES® SUMAC FINISHING TIMES

Liner Size / Type

Container Size

JumpStarts®	10-12 weeks	8" Container
JumpStarts®	12-14 weeks	#2 Container
Bareroot Rooted Cutting	8-10 weeks	8" Container
Bareroot 1 yr	10-12 weeks	#2 Container
Bareroot 2 yr	10-12 weeks	#3 Container
Bareroot 2 yr	10-12 weeks	#5 Container
8" Container	8-10 weeks	#3 Container
8" Container	8-10 weeks	#5 Container



Lacette™ Fragrant Sumac

Rhus aromatica 'Fine Textured
Compact Select A' PP28,669

Height: 3-4.5' **Spread:** 6-7'
Zone: 3-8 **Exposure:** Full Sun
Shape: Mounded

Grower Tip...

- Finish a #2 container with good branching in one season by using a JumpStarts® potted liner.



Gro-Low Fragrant Sumac

Rhus aromatica 'Gro-Low'

Height: 30" **Spread:** 6-8'
Zone: 3-8 **Exposure:** Full Sun
Shape: Wide spreading, low

Grower Tip...

- Aerial phytophthora is a common disease, monitor and treat as needed.

Rhus aromatica Grower Tips...

- Stage plant #2 containers and save labor by using bareroot liners in the spring and JumpStarts® potted liners later.
- Prune when plants are dry, applying copper fungicide to prevent blight.
- Bareroot is best dug in spring to avoid winter storage.
- Allow containers to dry out between watering.
- May benefit from light shade during the late summer in warmer regions.

Ribes Grower Tips...

- Limit cold storage, planting as early as possible in the Midwest.
- Responds best to only pruning while dormant.
- Bacterial leaf spot, *Phytophthora*, and rust are common diseases. Monitor and treat as needed.
- Finishes quickly in just one season.



Alpine Currant

Ribes alpinum

Height: 3-5' **Spread:** 5-6'
Zone: 2-7 **Exposure:** Part Sun
Shape: Rounded



Green Mound Alpine Currant

Ribes alpinum 'Green Mound'

Height: 3-4' **Spread:** 2-3'
Zone: 2-7 **Exposure:** Part Sun
Shape: Rounded

Salix Grower Tips...

- Beetles and spider mites are common pests. Monitor and treat as needed.
- Keep well hydrated into the fall and avoid letting them dry out over the winter.



FIRST
EDITIONS
SHRUBS & TREES

**Iceberg Alley®
Sageleaf Willow**
Salix candida 'Jefberg'

Height: 3-6' **Spread:** 3-6'
Zone: 2-6 **Exposure:** Full Sun
Shape: Upright, rounded

Grower Tips...

- Stage #2 container crops and save labor by planting bareroot liners or dormant JumpStarts® potted liners in the spring followed by actively growing JumpStarts®.
- Prune only lightly and for shape after breaking dormancy. New growth can take approximately 6 weeks to appear.

**Pussy Willow**

Salix discolor

Height: 20' **Spread:** 15'
Zone: 2-7 **Exposure:** Full Sun
Shape: Upright

**Flame Willow**

Salix 'Flame'

Height: 20' **Spread:** 15-20'
Zone: 3-6 **Exposure:** Full Sun
Shape: Oval to loosely rounded



Nishiki Willow

Salix integra 'Hakura Nishiki'

Height: 4-6' **Spread:** 4-6'
Zone: 4-7 **Exposure:** Part Sun
Shape: Rounded, spreading

Grower Tips...

- Sensitive to high salt levels during establishment; leach as needed to reduce ECs (Electrical Conductivity).
- Prune regularly to maintain manageable heights for shipping and handling when grown in containers.



Dwarf Blue Leaf Arctic Willow

Salix purpurea 'Nana'

Height: 3-4' **Spread:** 3-6'
Zone: 4-6 **Exposure:** Full Sun
Shape: Upright, rounded

Grower Tip...

- Hydrate well in the spring to prevent fine stem tip dieback.



Black Lace® Elderberry

Sambucus nigra 'Eva' PP15,575

Height: 8-10' **Spread:** 8-10'
Zone: 4-7 **Exposure:** Full Sun
Shape: Rounded

Grower Tips...

- Hard prune while dormant to 6" to encourage branching, and again later for shape if needed.
- Finishes in one season.



Instant Karma® Elderberry

Sambucus nigra 'Sanivalk' PP28,314

Height: 6-8' **Spread:** 7-9'
Zone: 4-7 **Exposure:** Full Sun
Shape: Upright rounded

Grower Tips...

- Hard prune while dormant to 6" to encourage branching, and again later for shape if needed.
- Finishes in one season.



Laced Up® Elderberry

Sambucus nigra 'SNR1292' PP29,051

Height: 6-10' **Spread:** 3-4'
Zone: 4-7 **Exposure:** Full Sun to Part Shade
Shape: Upright

Grower Tip...

- A less vigorous grower than other *Sambucus*.



FIRST
EDITIONS
SHRUBS & TREES

Matcha Ball® Ash Leaf Spirea
Sorbaria sorbifolia 'Levgreen' PP31,202

Height: 2-3' Spread: 3-4'
Zone: 3-7 Exposure: Full Sun
Shape: Rounded

Grower Tip...

- Benefits from one green prune, with new growth emerging 3-4 weeks later.



Sem Ash Leaf Spirea

Sorbaria sorbifolia 'Sem' PP16,336

Height: 3-4' Spread: 3.5-4'
Zone: 3-7 Exposure: Full Sun
Shape: Upright-spreading

Grower Tip...

- Responds well to pruning, re-flushing within 4 weeks.



Spiraea

With variation in form, bloom color, and mature size, First Editions® spirea offer rock solid performance up to zones 3 and 4. Some of our newer selections even offer rebloom later in the season to extend the impact of this reliable shrub, giving extra bang for the buck. Like all the shrubs in First Editions®, new spirea introductions truly offer advancements to those currently on the market.

Species Tips:

- Stage container #2 crops and labor by planting bareroot liners in the spring, followed by JumpStarts® potted liners.
- Aphids and mites are common pests. Monitor and treat as needed. Consider using dormant horticultural oil sprays to prevent infestations.
- Like most *Spiraea* species, powdery mildew is a common disease. Monitor and treat as needed.



Pink Sparkler™ Birchleaf Spirea

Spiraea betulifolia 'COURISPI01' PP27,933

Height: 3-4'

Spread: 3-4'

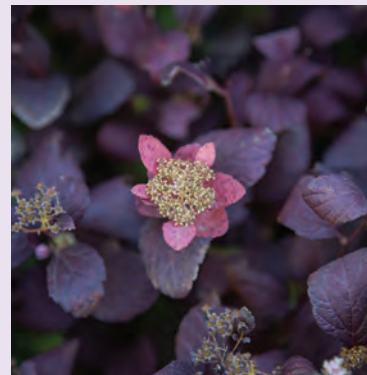
Zone: 3-8

Exposure: Full Sun to Part Shade

Shape: Mounded

Grower Tip...

- Prefers drier soil conditions.





FIRST
EDITIONS
SHRUBS & TREES

Sundrop™ Spiraea

Spiraea 'Bailcarol'

Height: 12-15" Spread: 2-3'
Zone: 3-8 Exposure: Full Sun
Shape: Dense mound

Grower Tip...

- Provide additional frost protection over the winter and early spring for frost damage on new growth. Prune for tip dieback.



FIRST
EDITIONS
SHRUBS & TREES

Little Spark® Spiraea

Spiraea japonica 'Minspil04' PP30,819

Height: 18-24" Spread: 18-30"
Zone: 3-8 Exposure: Full Sun to Part Shade
Shape: Rounded, spreading

Grower Tip...

- Will not revert like Goldflame.



FIRST
EDITIONS
SHRUBS & TREES

Spot On™ Spiraea

Spiraea x fritschiana 'JN Select J' PP31,995

Height: 3-4' Spread: 3-5'
Zone: 3-8 Exposure: Full Sun to Part Shade
Shape: Rounded, spreading

SPIRAEA COLLECTION



Superstar™ Spirea
Spiraea x bumalda 'Denistar' PP22,432

Height: 2-3' Spread: 3-4'
Zone: 3-8 Exposure: Full Sun
Shape: Rounded



Firegold® Spirea
Spiraea x vanhouttei 'Levgold' PP19,308

Height: 4-6' Spread: 5-7'
Zone: 4-8 Exposure: Full Sun
Shape: Vase-shaped

Grower Tips...

- Stage plant for fresh crops and for best-looking foliage during the mid-summer heat.
- Leaf spot is a common disease. Monitor and treat as needed.

FIRST EDITIONS® SPIREA FINISHING TIMES

Liner Size / Type

Container Size

JumpStarts®	8-10 weeks	8" Container
JumpStarts®	10-12 weeks	#2 Container
JumpStarts®	1 YEAR	#3 Container
Bareroot 6"	8-10 weeks	8" Container
Bareroot 6"	10-12 weeks	#2 Container
Bareroot 9"	10-12 weeks	#3 Container
Bareroot 12"	12-14 weeks	#5 Container
8" Container	10-12 weeks	#3 Container
8" Container	10-12 weeks	#5 Container



Japanese White Spirea

Spiraea albiflora

Height: 24" **Spread:** 24"
Zone: 3-8 **Exposure:** Full Sun
Shape: Rounded



Glow Girl® Birchleaf Spirea

Spiraea betulifolia 'Tor Gold'

Height: 3-4' **Spread:** 3-4'
Zone: 3-8 **Exposure:** Full Sun to Part Shade
Shape: Rounded



Tor Birchleaf Spirea

Spiraea betulifolia 'Tor'

Height: 3-4" **Spread:** 3-4"
Zone: 3-8 **Exposure:** Full Sun
Shape: Compact, rounded



Goldmound Spirea

Spiraea 'Goldmound'

Height: 18-24" **Spread:** 2-3'
Zone: 3-8 **Exposure:** Full Sun
Shape: Low, mounded



Double Play® Candy Corn® Spirea

Spiraea japonica 'NCSX1' PP28,313

Height: 1.5-2.5' **Spread:** 1.5-2.5'
Zone: 4-9 **Exposure:** Full Sun
Shape: Rounded

Grower Tips...

- Prefers drier soil conditions than most other spirea.
- Protect new growth from late spring frosts.
- Sensitive to high salt levels; monitor ECs (Electrical Conductivity) and leach if needed.
- Benefits from growing under milk poly or light shade in warmer regions.



Dakota Goldcharm® Spirea

Spiraea japonica 'Mertyann'

Height: 15-18" Spread: 2-3'

Zone: 3-8 Exposure: Full Sun

Shape: Low, mounded



Double Play Doozie® Spirea

Spiraea x 'NCSX2' PP30,953

Height: 2-3' Spread: 2-3'

Zone: 3-8 Exposure: Full Sun to

Part Shade



Little Princess Spirea

Spiraea japonica 'Little Princess'

Height: 24-30" Spread: 3'

Zone: 3-8 Exposure: Full Sun

Shape: Low, mounded, dense



Magic Carpet Spirea

Spiraea japonica 'Magic Carpet'

Height: 18" Spread: 24"

Zone: 3-8 Exposure: Full Sun

Shape: Compact



Neon Flash Spirea

Spiraea japonica 'Neon Flash'

Height: 3' Spread: 3'

Zone: 4-8 Exposure: Full Sun

Shape: Rounded



Snowmound Spirea

Spiraea nipponica 'Snowmound'

Height: 3-4' Spread: 3-4'

Zone: 4-8 Exposure: Full Sun

Shape: Rounded



Bridalwreath Spirea

Spiraea prunifolia

Height: 5-9' **Spread:** 6-8'
Zone: 4-7 **Exposure:** Full Sun
Shape: Vase shape

Grower Tip...

- Provide additional winter protection in cold regions; use a combination of double poly and sudangrass.

Mellow Yellow Spirea

Spiraea thunbergii 'Ogon'

Height: 3-5' **Spread:** 3-5'
Zone: 4-8 **Exposure:** Full Sun
Shape: Upright, arching



Anthony Waterer Spirea

Spiraea x bumalda 'Anthony Waterer'

Height: 2-3' **Spread:** 4-5'
Zone: 4-8 **Exposure:** Full Sun
Shape: Upright, rounded

Grower Tip...

- Reversion can be pruned out. Or switch to First Editions® Superstar™ Spirea.

Goldflame Spirea

Spiraea x bumalda 'Goldflame'

Height: 2-3' **Spread:** 3-4'
Zone: 3-8 **Exposure:** Full Sun
Shape: Low, mounded

Grower Tip...

- Reversion can be pruned out. Or switch to First Editions® Little Spark™ Spirea.

Renaissance Bridalwreath Spirea

Spiraea x vanhouttei 'Renaissance'

Height: 5-7' **Spread:** 6-8'
Zone: 3-7 **Exposure:** Full Sun
Shape: Vase-shaped

Grower Tip...

- A favorite of vermin, provide additional protection during storage to prevent damage.



Crispa Cutleaf Stephanandra

Stephanandra incisa 'Crispa'

Height: 12-24" Spread: 3-6'

Zone: 4-7 Exposure: Full Sun

Shape: Low, mounded

Grower Tips...

- Finishes in a #2 container in one season with a two year bareroot liner.
- Dormant prune at planting.
- Maintain consistent soil moisture.



FIRST
EDITIONS
SHRUBS & TREES

Candy™ Coralberry

Symphoricarpos x doorenbosii 'Kolmcan' PP20,931

Height: 2-2.5' Spread: 2.5-3'

Zone: 4-9 Exposure: Full Sun

Shape: Compact arching

Grower Tips...

- Stage container #2 crops and labor by planting a bareroot liner in the spring followed by JumpStarts® potted liners later.
- Benefits from additional pruning when young to promote branching.
- Provide additional winter protection in colder regions.



FIRST
EDITIONS
SHRUBS & TREES

Galaxy™ Snowberry

Symphoricarpos x doorenbosii 'Kolmgala' PP20,912

Height: 2.5-3' Spread: 2.5-3'

Zone: 4-9 Exposure: Full Sun

Shape: Upright rounded



FIRST EDITIONS SHRUBS & TREES | **Virtual Violet® Lilac**
Syringa 'Bailbridget' PP30,286

Height: 6-8' Spread: 5-7'
Zone: 3-7 Exposure: Full Sun
Shape: Upright



FIRST EDITIONS SHRUBS & TREES | **Little Lady™ Lilac**
Syringa x 'Jeflady' PP30,331

Height: 4-5' Spread: 4-5'
Zone: 2-7 Exposure: Full Sun
Shape: Upright, rounded

FIRST EDITIONS® LILAC FINISHING TIMES

Liner Size / Type

Container Size

Bareroot 12-18"  14-16 weeks **#3** Container

Syringa Species Tip:

- Powdery mildew is a common disease, most often affecting plant material being carried over into a second season. Limit overhead watering, provide ample spacing for increased airflow, and monitor and treat as needed.
- *Pseudomonas* bacterial leaf spot is a common pathogen. Monitor and treat before covering for the winter, and in the spring before frost events.
- Provide additional protection from large temperature swings or high moisture events in the spring by re-covering with poly or frost blankets.



Declaration Lilac

Syringa 'Declaration'

Height: 6-8' **Spread:** 6-7'
Zone: 4-7 **Exposure:** Full Sun
Shape: Upright rounded



Dwarf Korean Lilac

Syringa meyeri 'Palibin'

Height: 4-5' **Spread:** 5-7'
Zone: 3-7 **Exposure:** Full Sun
Shape: Compact, low spreading

Grower Tips...

- Plant 9 - 12" bareroot liners in #2 containers, and 18-24" liners in #5 or larger containers.
- Dormant prune at planting, pruning for shape once spaced.
- If carrying over a crop, prune after the last flowering.
- Best results for overwintering in the Midwest, store pot to pot under vented milk poly. Maintain dry to arid conditions during storage.



Miss Canada Lilac

Syringa 'Miss Canada'

Height: 6-9' **Spread:** 5-8'
Zone: 2-7 **Exposure:** Full Sun
Shape: Upright, rounded

Grower Tip...

- Plant a 3-year bareroot liner in #3 containers for faster finishes.



Miss Kim Lilac

Syringa patula 'Miss Kim'

Height: 6-7' **Spread:** 5-6'
Zone: 3-7 **Exposure:** Full Sun
Shape: Broad, spreading

Grower Tip...

- Overwinter in the Midwest by consolidating pot to pot, no cover needed.



Tinkerbelle® Lilac

Syringa 'Bailbelle'

Height: 5-6' **Spread:** 4-5'
Zone: 3-7 **Exposure:** Full Sun
Shape: Upright

Grower Tips...

- *Pseudomonas* is a common disease during wet conditions. Monitor and treat as needed.
- Best results for overwintering in the Midwest, store pot to pot under vented milk poly. Maintain dry to arid conditions during storage.



Ivory Silk® Japanese Tree Lilac - Shrub form

Syringa reticulata 'Ivory Silk'

Height: 25' **Spread:** 15'
Zone: 3-8 **Exposure:** Full Sun
Shape: Compact, oval

Grower Tips...

- Plant as early as possible after the last threat of frost.
- Slow to break dormancy.

Syringa vulgaris Species Tips:

- Finish #3 or #5 containers in a year and a flush with a 2-year or 18" bareroot liner.
- Dormant prune roots and branches. If pruning later in the season, avoid removing all flower buds.
- Plant as early as possible after the threat of frost has passed.

**Common Purple Lilac***Syringa vulgaris***Height:** 12-15' **Spread:** 8-12'**Zone:** 2-7 **Exposure:** Full Sun**Shape:** Upright, vase-shaped**Common White Lilac***Syringa vulgaris var. alba***Height:** 12-15' **Spread:** 8-12'**Zone:** 2-7 **Exposure:** Full Sun**Shape:** Upright**Albert F. Holden Lilac***Syringa vulgaris* 'Albert F. Holden'**Height:** 7' **Spread:** 8'**Zone:** 3-7 **Exposure:** Full Sun**Shape:** Upright, rounded**Beauty of Moscow Lilac***Syringa vulgaris* 'Krasavitsa Moskvyy'**Height:** 10-12' **Spread:** 8'**Zone:** 3-7 **Exposure:** Full Sun**Shape:** Upright



Charles Joly Lilac

Syringa vulgaris 'Charles Joly'

Height: 10-12' **Spread:** 8-10'
Zone: 3-7 **Exposure:** Full Sun
Shape: Upright



Ludwig Spaeth Lilac

Syringa vulgaris 'Andenken an Ludwig Spaeth'

Height: 10-12' **Spread:** 6-8'
Zone: 3-7 **Exposure:** Full Sun
Shape: Upright



Monge Lilac

Syringa vulgaris 'Monge'

Height: 10-12' **Spread:** 8-12'
Zone: 3-7 **Exposure:** Full Sun
Shape: Upright



President Grevy Lilac

Syringa vulgaris 'President Grevy'

Height: 10-12' **Spread:** 8'
Zone: 3-7 **Exposure:** Full Sun
Shape: Upright



Sensation Lilac

Syringa vulgaris 'Sensation'

Height: 8-10' **Spread:** 8-12'
Zone: 3-7 **Exposure:** Full Sun
Shape: Upright



Yankee Doodle Lilac

Syringa vulgaris 'Yankee Doodle'

Height: 8' Spread: 8'
 Zone: 3-7 Exposure: Full Sun
 Shape: Upright



Bloomerang® Dark Purple Lilac

Syringa x 'SMSJBP7' PP26,594

Height: 4-6' Spread: 4-6'
 Zone: 3-7 Exposure: Full Sun
 Shape: Rounded

Grower Tip...

- Best results for overwintering in the Midwest, store pot to pot under vented milk poly. Use frost blankets if needed to maintain more consistent temperatures.



Mount Baker Lilac

Syringa x hyacinthiflora 'Mount Baker'

Height: 10-12' Spread: 10-12'
 Zone: 2-7 Exposure: Full Sun
 Shape: Upright



Pocahontas Lilac

Syringa x hyacinthiflora 'Pocahontas'

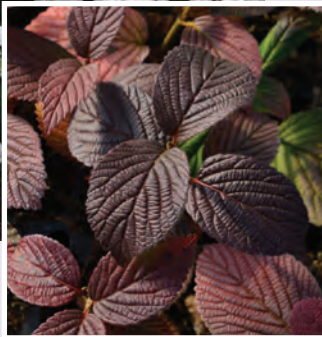
Height: 10-12' Spread: 10-12'
 Zone: 2-7 Exposure: Full Sun
 Shape: Upright



Donald Wyman Lilac

Syringa x prestoniae 'Donald Wyman'

Height: 8-10' Spread: 4-10'
 Zone: 2-7 Exposure: Full Sun
 Shape: Upright, dense



FIRST
EDITIONS
SHRUBS & TREES

Opening Day™ Doublefile Viburnum

Viburnum plicatum 'PIIVIB-II' PP28,958

Height: 6-8' Spread: 6-8'
Zone: 5-8 Exposure: Full Sun to Part Shade
Shape: Rounded

Grower Tips...

- Plant JumpStarts® potted liners in #2 containers and 18" bareroot liners in #5 containers.
- Stage prune for fresh crops.
- Provide additional winter and spring frost protection in zones 3-5.



Autumn Jazz® Arrowwood Viburnum

Viburnum dentatum 'Ralph Senior'

Height: 10-12' Spread: 8-10'
Zone: 4-8 Exposure: Full Sun
Shape: Upright, vase-shaped



Blue Muffin® Arrowwood Viburnum

Viburnum dentatum 'Christom'

Height: 5-7' Spread: 4-6'
Zone: 3-9 Exposure: Full Sun
Shape: Rounded



Chicago Lustre® Arrowwood Viburnum

Viburnum dentatum 'Synnestvedt'

Height: 8-10' Spread: 8-10'
Zone: 4-7 Exposure: Full Sun
Shape: Upright, rounded, dense

Viburnum dentatum Species Tips:

- Plant 12" bareroot or JumpStarts® potted liners in #2 containers. Use 18" bareroot liners for #5, and 24" for #7 containers.
- Dormant prune.
- Viburnum leaf beetle is a common pest in some areas. Monitor and treat as needed.
- Overwinter in the Midwest using a combination of poly and sudangrass.



All That Glitters® Arrowwood Viburnum

Viburnum dentatum var. *deamii* 'SMVDLS' PP26,576

Height: 4-5' Spread: 4-5'

Zone: 4-8 Exposure: Full Sun to Part Shade

Shape: Upright, rounded



All That Glows® Arrowwood Viburnum

Viburnum dentatum var. *deamii* 'SMVDBL' PP25,897

Height: 4-6' Spread: 4-6'

Zone: 4-8 Exposure: Full Sun to Part Shade

Shape: Upright, rounded



Mohican Viburnum

Viburnum lantana 'Mohican'

Height: 6' Spread: 6-8'

Zone: 3-7 Exposure: Full Sun

Shape: Compact, globose



Nannyberry Viburnum

Viburnum lentago

Height: 20' Spread: 6-10'

Zone: 2-8 Exposure: Full Sun

Shape: Upright, vase-shaped



Compact European Cranberrybush

Viburnum opulus 'Compactum'

Height: 5' Spread: 5-6'

Zone: 3-8 Exposure: Full Sun

Shape: Rounded, compact



Dwarf European Cranberrybush

Viburnum opulus 'Nanum'

Height: 24-36" Spread: 2-4'

Zone: 4-8 Exposure: Full Sun

Shape: Mounded, dense



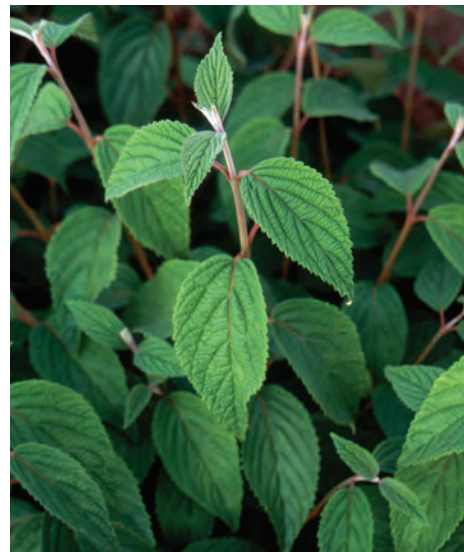
Common Snowball Viburnum

Viburnum opulus 'Roseum'

Height: 10-12' Spread: 10-12'

Zone: 3-8 Exposure: Full Sun

Shape: Rounded



Maries Doublefile Viburnum

Viburnum plicatum 'Mariesii'

Height: 8-10' Spread: 8-10'

Zone: 5-8 Exposure: Part Sun

Shape: Rounded



Bailey Compact American Cranberrybush

Viburnum trilobum 'Bailey Compact'

Height: 5-6' Spread: 5-6'

Zone: 2-7 Exposure: Full Sun

Shape: Rounded, compact



Redwing® American Cranberrybush

Viburnum trilobum 'J. N. Select'

Height: 8-10' Spread: 6-8'

Zone: 2-7 Exposure: Full Sun

Shape: Upright rounded

Grower Tips...

- Finish #2 containers quickly with a 9-12" bareroot liner, and use an 18" liner for #5 containers.
- Dormant prune at planting.



Prague Viburnum

Viburnum x pragense

Height: 8-10' **Spread:** 6-8'
Zone: 5-8 **Exposure:** Part Sun
Shape: Upright rounded

Grower Tip...

- Prefers more acidic soil conditions; avoid heavy clay.



Alleghany Viburnum

Viburnum x rhytidophylloides 'Alleghany'

Height: 10' **Spread:** 10'
Zone: 5-8 **Exposure:** Full Sun
Shape: Rounded

Grower Tip...

- A vigorous grower that responds well to a hard dormant prune at planting.

Vitex

A species with ever-growing popularity in warm climates is *Vitex*. With breeding advancements bringing these selections to a more manageable size, reblooming capabilities, and interesting foliage, it's no wonder landscapers and consumers are flocking to these drought tolerant, salt tolerant, pollinator magnets.

Species Tips:

- Plant 12" bareroot or JumpStarts® potted liners in #2 containers. Use 18" bareroot liners for #5, and 24" for #7 containers.
- Dormant prune.
- Viburnum leaf beetle is a common pest in some areas. Monitor and treat as needed.
- Overwinter in the Midwest using a combination of poly and sudangrass.



FIRST
EDITIONS
SHRUBS & TREES

Flip Side® Chastetree

Vitex x 'Bailtexone' PP30,283

Height: 6-8'

Spread: 8-10'

Zone: 7-9

Exposure: Full Sun

Shape: Upright, arching



FIRST
EDITIONS
SHRUBS & TREES

Galactic Pink® Chastetree

Vitex agnus-castus

'Bailtextwo' PP30,852

Height: 6-8'

Spread: 6-8'

Zone: 6-9

Exposure: Full Sun

Shape: Upright, rounded

FIRST EDITIONS® VITEX FINISHING TIMES

Liner Size / Type

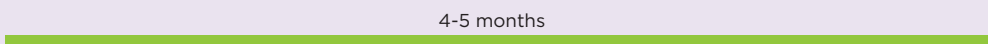
Container Size

JumpStarts®



#3 Container

8" Container



#3 Container



FIRST
EDITIONS
SHRUBS & TREES

Shining Sensation™ Weigela

Weigela florida 'Bokrashine'

Height: 5-6'

Spread: 3-4'

Zone: 4-8

Exposure: Full Sun

Shape: Arching



FIRST
EDITIONS
SHRUBS & TREES

Rainbow Sensation™ Weigela

Weigela florida 'Kolmagira' PP20,384

Height: 3-4'

Spread: 3-4'

Zone: 4-8

Exposure: Full Sun

Shape: Compact, rounded



FIRST EDITIONS® WEIGELA FINISHING TIMES

Liner Size / Type

Container Size

JumpStarts®	10-12 weeks	8" Container
JumpStarts®	12-14 weeks	#2 Container
JumpStarts®	16-18 weeks	#3 Container
Bareroot 1 yr	8-10 weeks	8" Container
Bareroot 6"	10-12 weeks	#2 Container
Bareroot 6-12"	16-18 weeks	#3 Container



Minuet Weigela

Viburnum florida 'Minuet'

Height: 5-6' **Spread:** 5-6'
Zone: 2-7 **Exposure:** Full Sun
Shape: Rounded, compact



My Monet® Weigela

Weigela florida 'Verweig' PP16,824

Height: 12-18" **Spread:** 12-15"
Zone: 4-8 **Exposure:** Part Sun
Shape: Compact, mounded



My Monet Purple Effect® Weigela

Weigela florida 'Verweig8' PPAF

Height: 18-30' **Spread:** 18-30"
Zone: 4-6 **Exposure:** Full Sun to Part Shade
Shape: Rounded

Weigela Species Tips:

- Flea beetles and aphids are common pests. Monitor and treat as needed.
- Stage container #2 crops and labor by planting 9-12" bareroot liners in the spring, followed by JumpStarts® potted liners in the summer.
- Dormant prune and then again for shape and crop staging. Fall prune any carryover crops.



Red Prince Weigela

Weigela florida 'Red Prince'

Height: 5-6' **Spread:** 5-6'
Zone: 4-8 **Exposure:** Full Sun
Shape: Upright, branches arching at maturity



Rumba Weigela

Weigela florida 'Rumba'

Height: 3' **Spread:** 3'
Zone: 4-8 **Exposure:** Full Sun
Shape: Compact, rounded



Sonic Bloom® Pink Weigela

Weigela florida 'Bokrasopin' PP24,572

Height: 4-5' **Spread:** 4-5'
Zone: 4-8 **Exposure:** Full Sun to Part Shade
Shape: Rounded



Sonic Bloom® Red Weigela

Weigela florida 'Verweig6' PP25,132

Height: 4-5' **Spread:** 4-5'
Zone: 4-8 **Exposure:** Full Sun to Part Shade
Shape: Rounded

Grower Tip...

- In cold climates, provide more winter protection than you would for the pink and white varieties in the Sonic Bloom® collection.



Spilled Wine® Weigela

Weigela florida 'Bokraspiwi' PP23,781

Height: 1.5-2' **Spread:** 2-3'
Zone: 4-8 **Exposure:** Full Sun
Shape: Spreading



Tango Weigela

Weigela florida 'Tango'

Height: 24-30" **Spread:** 30-36"
Zone: 4-8 **Exposure:** Full Sun
Shape: Rounded



Wine & Roses® Weigela

Weigela florida 'Alexandra'

Height: 4-5' **Spread:** 3-5'
Zone: 5-8 **Exposure:** Full Sun
Shape: Rounded

A close-up photograph of a vine with clusters of bright orange, round berries. The berries are in sharp focus, while the green leaves and other clusters in the background are blurred. The lighting is bright, highlighting the texture of the berries and leaves.

VINES COLLECTION

First Editions® Autumn Revolution™ Bittersweet

First Editions® Vine Grower Tip:

- Stage plant #2 container crops by planting bareroot liners in the spring, followed by Jumpstarts® potted liners later in the season.



FIRST
EDITIONS
SHRUBS & TREES

Autumn Revolution™ Bittersweet

Celastrus scandens 'Bailumn' PP19,811

Height: 15-25' Spread: Varies

Zone: 2-8 Exposure: Full Sun

Shape: Twining

Grower Tip...

- Do not prune bareroot at planting.
- Slow to break dormancy, heat encourages growth.

FIRST EDITIONS® AUTUMN REVOLUTION™ FINISHING TIMES

Liner Size / Type

JumpStarts®

12-13 weeks

Container Size

#2 Container

Bareroot 6"

10-11 weeks

#2 Container



FIRST
EDITIONS
SHRUBS & TREES

Honeybelle™ Honeysuckle

Lonicera x brownii 'Bailelle' PP20,939

Height: 10-20' Spread: Varies
Zone: 3-8 Exposure: Full Sun
Shape: Twining

Grower Tip...

- Leaf spot is a common disease, monitor and treat as needed when humidity levels are high.

FIRST EDITIONS® HONEYBELLE™ FINISHING TIMES

Liner Size / Type

JumpStarts® 10-12 weeks
Bareroot 6" 10-12 weeks

Container Size

#2 Container
#2 Container



FIRST
EDITIONS
SHRUBS & TREES

Summer Cascade™ Wisteria

Wisteria macrostachya 'Betty Matthews'

Height: 15-20' Spread: Varies
Zone: 4-8 Exposure: Full Sun
Shape: Twining

Grower Tip...

- Leaf spot is a common disease. Monitor and treat as needed when humidity levels are high.

FIRST EDITIONS® SUMMER CASCADE™ FINISHING TIMES

Liner Size / Type

JumpStarts® 10-12 weeks
JumpStarts® 1 year + flush
Bareroot 6" 8-10 weeks
Bareroot 2 yr 8-10 weeks

Container Size

#2 Container
#5 Container
#2 Container
#5 Container



Dutchman's Pipe

Aristolochia durior

Height: 30' **Spread:** Varies
Zone: 4-8 **Exposure:** Full Sun to Full Shade
Shape: Twining



Trumpet Vine

Campsis radicans

Height: 20-40' **Spread:** Varies
Zone: 4-9 **Exposure:** Full Sun
Shape: Clinging



Climbing Hydrangea

Hydrangea anomala subsp. petiolaris

Height: 15-25' **Spread:** Varies
Zone: 5-8 **Exposure:** Full Sun
Shape: Clinging



Mandarin Honeysuckle

Lonicera 'Mandarin'

Height: 20' **Spread:** Varies
Zone: 3-8 **Exposure:** Full Sun
Shape: Twining



Kintzley's Ghost® Grape Honeysuckle

Lonicera reticulata 'P015S'

Height: 8-12' **Spread:** Varies
Zone: 3-7 **Exposure:** Full Sun
Shape: Twining



Dropmore Scarlet Honeysuckle

Lonicera x brownii 'Dropmore Scarlet'

Height: 10-20' **Spread:** Varies
Zone: 3-8 **Exposure:** Full Sun
Shape: Twining



Goldflame Honeysuckle

Lonicera x heckrottii

Height: 10-20' **Spread:** Varies
Zone: 5-9 **Exposure:** Full Sun
Shape: Twining



Engelman Ivy

Parthenocissus quinquefolia var. *engelmannii*

Height: 30-50' **Spread:** Varies
Zone: 3-9 **Exposure:** Full Sun
Shape: Clinging



Boston Ivy

Parthenocissus tricuspidata

Height: 30-50' **Spread:** Varies
Zone: 4-9 **Exposure:** Full Sun
Shape: Clinging



Amethyst Falls Wisteria

Wisteria frutescens 'Amethyst Falls'

Height: 15-20' **Spread:** Varies
Zone: 5-9 **Exposure:** Full Sun
Shape: Twining





ROSE COLLECTION



Easy Elegance® Roses

Grower Tips Tips:

- Water 1" daily in summer depending on plant size and temperatures. No night watering. Water in morning to keep foliage dry.
- Plant bareroot after humidity rises in spring.
- Stage crops and labor by planting bareroot liners in the spring, followed by Jumpstarts® potted liners later in the season.
- Stage prune to maintain bloom all season. Stop pruning by August 1st to allow plants to harden off in time for winter.
- Can be forced for early spring sales. Store dormant cutback #2 containers at 27°F, expect to finish in 45 days at 60°F (adjusting depending on growth and shipping windows).
- PGRs may be used on forced crops on aggressively growing varieties to maintain shape and prevent stretching.
- Aphids, two-spotted spider mites, and downy mildew are common pests and diseases. Monitor and treat as needed.



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elegance®

All the Rage Rose

Rosa 'BAIrage' PP19,945

Height: 3-5'

Spread: 2-4.5'

Zone: 4-9

Exposure: Full Sun

Shape: Rounded



easy
elegance®

Champagne Wishes Rose

Rosa 'BAIcham'

Height: 3-4'

Spread: 2-3'

Zone: 4-7

Exposure: Full Sun

Shape: Upright rounded

ROSE COLLECTION



easy
elegance®

Calypso Rose

Rosa 'BALypso'

Height: 2'

Spread: 2'

Zone: 5-9

Exposure: Full Sun

Shape: Mounded



easy
elegance®

Chi™ Rose

Rosa 'Baillim'

Height: 3-4'

Spread: 3-4'

Zone: 5-7

Exposure: Full Sun

Shape: Rounded, spreading



easy
elegance®

Como Park Rose

Rosa 'BALark'

Height: 2.5-3'

Spread: 2-4'

Zone: 4-7

Exposure: Full Sun

Shape: Upright



easy
elegance®

Coral Cove Rose

Rosa 'BALove'

Height: 2-3.5'

Spread: 2-4.5'

Zone: 4-9

Exposure: Full Sun

Shape: Compact, mounded



easy
elegance[®]

Funny Face[™] Rose

Rosa 'BAIface' PP15,753

Height: 3-4' **Spread:** 2-3'
Zone: 4-9 **Exposure:** Full Sun
Shape: Upright, rounded



easy
elegance[®]

Grandma's Blessing Rose

Rosa 'BALing' PP16,993

Height: 2.5-5' **Spread:** 3-4'
Zone: 5-9 **Exposure:** Full Sun
Shape: Vase



easy
elegance[®]

Head over Heels Rose

Rosa 'BAleels'

Height: 3' **Spread:** 2.5-3'
Zone: 4-9 **Exposure:** Full Sun
Shape: Upright



easy
elegance[®]

High Voltage Rose

Rosa 'BALage'

Height: 4-5' **Spread:** 2-4'
Zone: 4-9 **Exposure:** Full Sun
Shape: Upright, vase



easy
elegance®

Kashmir Rose
Rosa 'BAImir'

Height: 3-4' Spread: 2-3'
Zone: 4-9 Exposure: Full Sun
Shape: Rounded



easy
elegance®

Kiss Me Rose
Rosa 'BAIsme' PP18,506

Height: 3-4' Spread: 2-3'
Zone: 5-9 Exposure: Full Sun
Shape: Upright



easy
elegance®

Little Mischief Rose
Rosa 'BAIief' PP17,196

Height: 2-3' Spread: 2-4'
Zone: 4-9 Exposure: Full Sun
Shape: Compact, rounded



easy
elegance®

My Girl Rose
Rosa 'BAIgirl' PP19,952

Height: 3-5' Spread: 3.5-5'
Zone: 4-9 Exposure: Full Sun
Shape: Compact, upright

ROSE COLLECTION



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elegance®

Music Box Rose
Rosa 'BAIbox'

Height: 3-5.5'

Spread: 3-4.5'

Zone: 4-9

Exposure: Full Sun

Shape: Rounded mound



easy
elegance®

Mystic Fairy® Rose
Rosa 'BAIfairy' PP16,131

Height: 3-4'

Spread: 3-4'

Zone: 4-9

Exposure: Full Sun

Shape: Upright rounded



easy
elegance®

Oscar Peterson™ Rose
Rosa 'AAC333'

Height: 2-4'

Spread: 2-3'

Zone: 3-8

Exposure: Full Sun

Shape: Upright

ROSE COLLECTION



easy
elegance®

Pinktopia Rose
Rosa 'BAImas'

Height: 4'

Spread: 3'

Zone: 5-9

Exposure: Full Sun

Shape: Upright



easy
elegance®

Paint the Town Rose
Rosa 'BAItown' PP18,060

Height: 2-3'

Spread: 2-4'

Zone: 4-9

Exposure: Full Sun

Shape: Mounded to spreading



easy
elegance®

Screaming Neon Red™ Rose
Rosa 'BAIneon'

Height: 3-4'

Spread: 2-3'

Zone: 4-9

Exposure: Full Sun

Shape: Upright rounded



ROSE COLLECTION



easy
elegance®

Super Hero Rose

Rosa 'BAIsuhe' PP20,486

Height: 3-6'

Spread: 3-6'

Zone: 4-9

Exposure: Full Sun

Shape: Compact, rounded



easy
elegance®

Snowdrift Rose

Rosa 'BAIrlift' PP19,036

Height: 3-4'

Spread: 3-4'

Zone: 4-9

Exposure: Full Sun

Shape: Upright



easy
elegance®

Sunrise Sunset Rose

Rosa 'BAIset' PP16,770

Height: 3-6'

Spread: 4-7'

Zone: 4-9

Exposure: Full Sun

Shape: Dense spreading

ROSE COLLECTION



easy
elegance®

Sweet Fragrance Rose

Rosa 'BAInce' PP19,969

Height: 2-4'

Spread: 2-3'

Zone: 5-9

Exposure: Full Sun

Shape: No info



easy
elegance®

Yellow Submarine Rose

Rosa 'BAline' PP16,659

Height: 2-4'

Spread: 2-3'

Zone: 5-9

Exposure: Full Sun

Shape: Upright



easy
elegance®

Yellow Brick Road Rose

Rosa 'BAload' PP19,046

Height: 2-3'

Spread: 2-3'

Zone: 5-9

Exposure: Full Sun

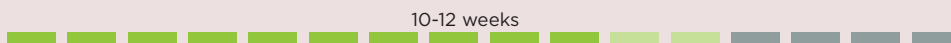
Shape: Compact rounded

EASY ELEGANCE® ROSES FINISHING TIMES

Liner Size / Type

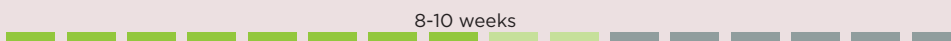
Container Size

JumpStarts®



#2 Container

Bareroot 1-1.5 yr



#2 Container

ROSE COLLECTION



FIRST
EDITIONS
SHRUBS & TREES

Above and Beyond™ Rose
Rosa 'ZLEEltonStrack' PP24,463

Height: 10-14' Spread: Varies
Zone: 3-7 Exposure: Full Sun
Shape: Upright, spreading

FIRST
EDITIONS
SHRUBS & TREES

Campfire Rose
Rosa 'CA 29' PP24,435

Height: 3' Spread: 3'
Zone: 3-7 Exposure: Full Sun
Shape: Upright, mounded

ROSE COLLECTION



FIRST
EDITIONS
SHRUBS & TREES

Lotty's Love® Rose

Rosa rugosa 'BOC rogosnif' PP22,570

Height: 3-3.5'

Spread: 3.5-4'

Zone: 3-10

Exposure: Full Sun

Shape: Upright oval

FIRST
EDITIONS
SHRUBS & TREES

Love & Peace® Rose

Rosa 'BAIpeace' PP14,731

Height: 4-5'

Spread: 3'

Zone: 5-10

Exposure: Full Sun

Shape: Compact, upright



Rugosa Rose

Rosa rugosa

Height: 4-6'

Spread: 4-5'

Zone: 2-7

Exposure: Full Sun

Shape: Upright



Blanc Double de Coubert Rose

Rosa 'Blanc Double de Coubert'

Height: 5-7'

Spread: 5-7'

Zone: 3-7

Exposure: Full Sun

Shape: Upright rounded



Hansa Rose

Rosa 'Hansa'

Height: 4-6'

Spread: 4'

Zone: 3-7

Exposure: Full Sun

Shape: Upright



Hope For Humanity Rose

Rosa 'Hope For Humanity'

Height: 2-4'

Spread: 2'

Zone: 3-7

Exposure: Full Sun

Shape: Upright



Knock Out® Rose

Rosa 'RADrazz'

Height: 3'

Spread: 3-4'

Zone: 5-9

Exposure: Full Sun

Shape: Rounded



Double Knock Out® Rose

Rosa 'RADtko' PP16,202

Height: 3-4'

Spread: 3-4'

Zone: 5-10

Exposure: Full Sun

Shape: Rounded



Miracle on the Hudson® Rose

Rosa 'Bartholomew'

Height: 3-4' Spread: 3-4'
 Zone: 4-9 Exposure: Full Sun
 Shape: Compact, rounded



Morden Centennial Rose

Rosa 'Morden Centennial'

Height: 3-5' Spread: 3-5'
 Zone: 3-7 Exposure: Full Sun
 Shape: Upright, spreading



Morden Sunrise Rose

Rosa 'Morden Sunrise' PP13,969

Height: 2-3' Spread: 2-3'
 Zone: 4-7 Exposure: Full Sun
 Shape: Rounded



Nearly Wild Rose

Rosa 'Nearly Wild'

Height: 2-3' Spread: 2-3'
 Zone: 4-9 Exposure: Full Sun
 Shape: Compact mound



Pink Double Knock Out® Rose

Rosa 'RADtkopink' PP18,507

Height: 4' Spread: 4'
 Zone: 5-10 Exposure: Full Sun
 Shape: Rounded



Purple Pavement Rose

Rosa 'Rotesmeer'

Height: 3' Spread: 3'
 Zone: 3-7 Exposure: Full Sun
 Shape: Compact mound



Ramblin' Red® Rose

Rosa 'RADramblin' PP14,270

Height: 6-10' **Spread:** 6'
Zone: 4-7 **Exposure:** Full Sun
Shape: Upright, spreading



Sunny Knock Out® Rose

Rosa 'RADsunny' PP18,562

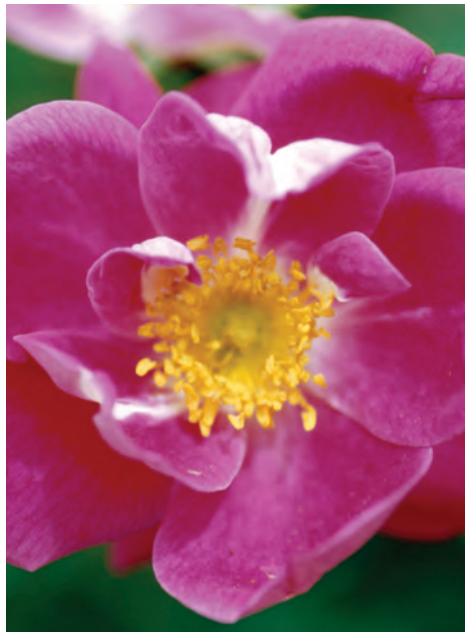
Height: 4.5' **Spread:** 3-4'
Zone: 5-9 **Exposure:** Full Sun
Shape: Upright



Snow Pavement Rose

Rosa 'Schneekoppe'

Height: 2.5-3' **Spread:** 2.5-3'
Zone: 3-7 **Exposure:** Full Sun
Shape: Rounded



William Baffin Rose

Rosa 'William Baffin'

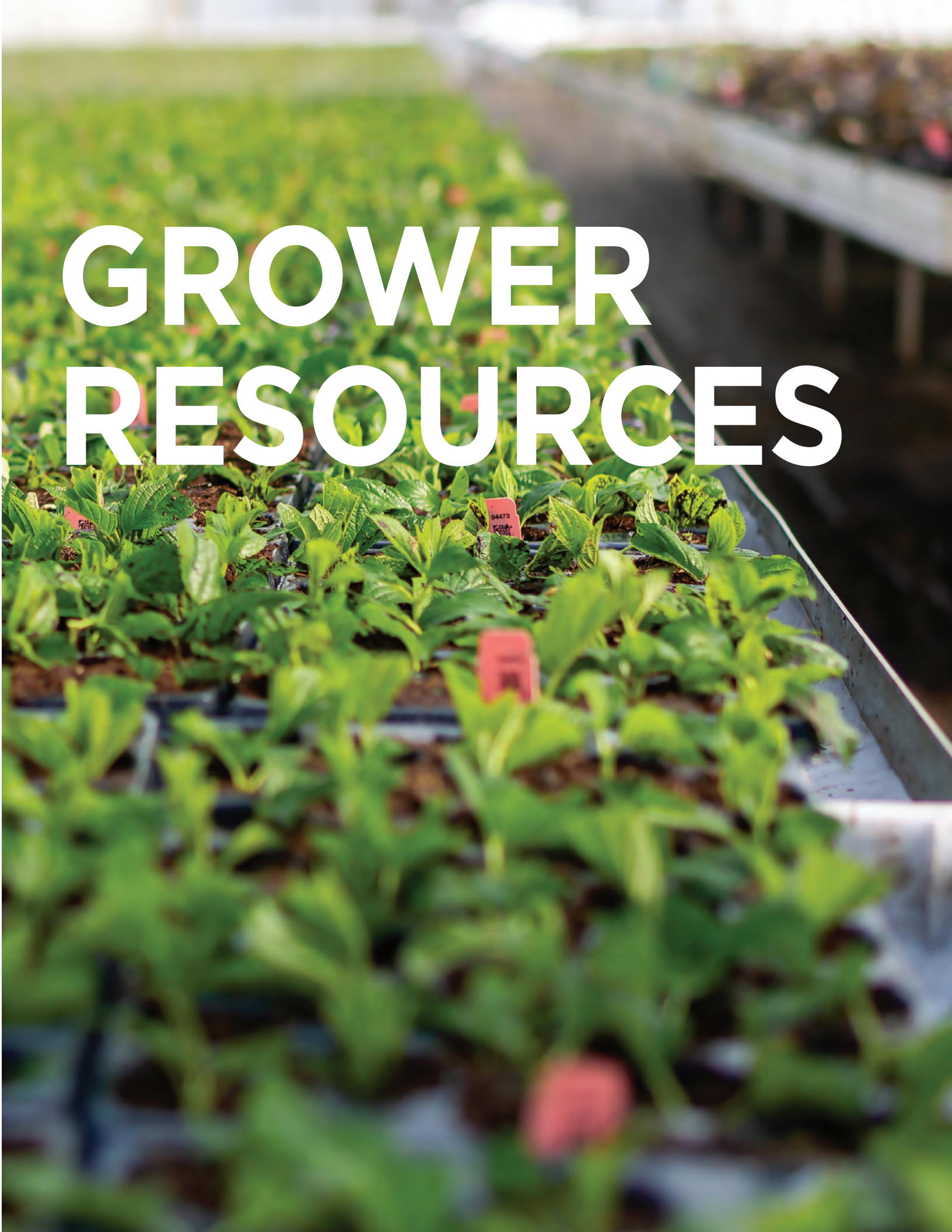
Height: 8-10' **Spread:** Varies
Zone: 3-7 **Exposure:** Full Sun
Shape: Upright, spreading



Winnipeg Parks Rose

Rosa 'Winnipeg Parks'

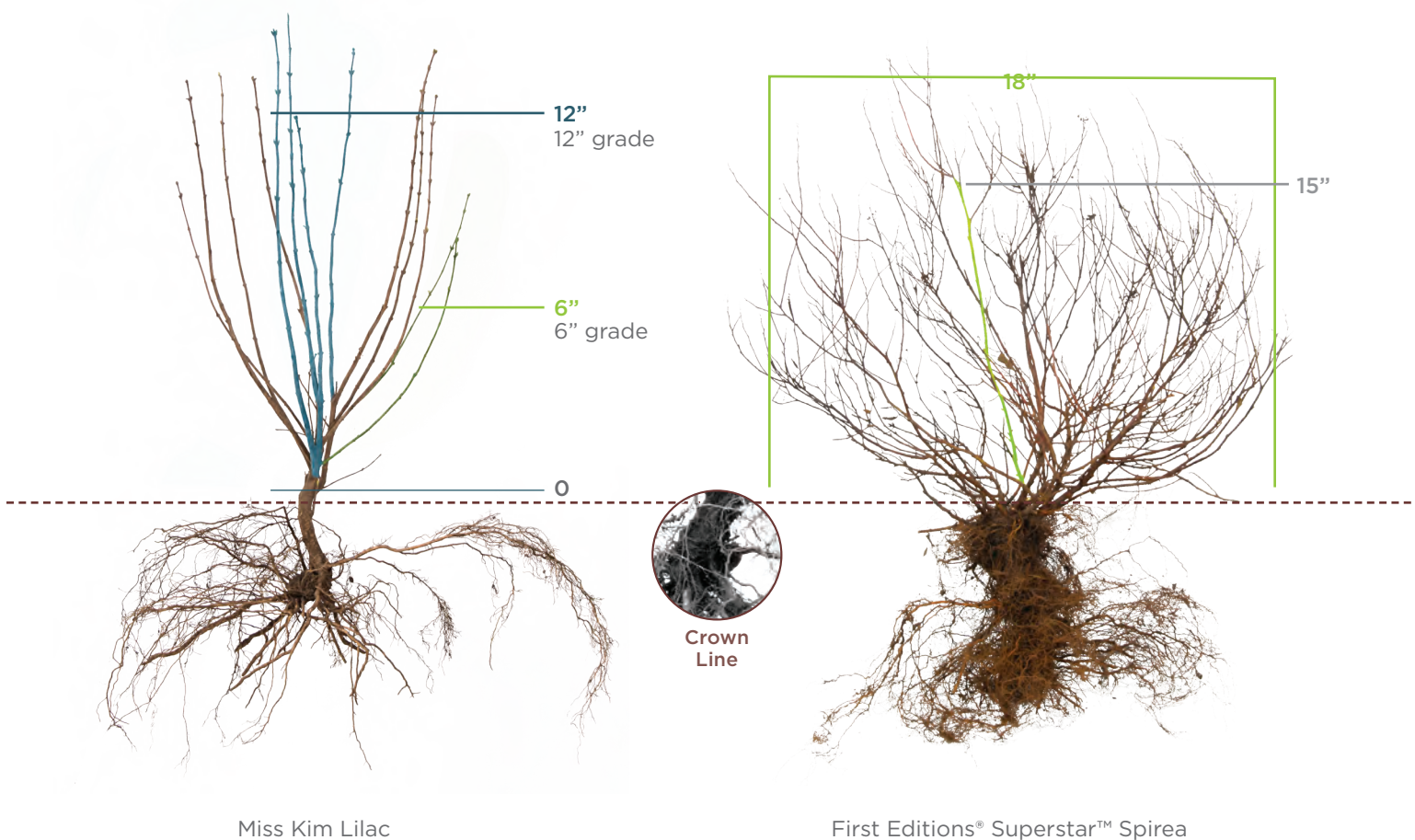
Height: 2-3' **Spread:** 2-3'
Zone: 3-7 **Exposure:** Full Sun
Shape: Rounded



GROWER RESOURCES

BAREROOT GRADE DEFINITIONS

Bareroot from Bailey gives you the flexibility to choose the most economical and efficient liner for your production needs. You can rest assured knowing that you're getting the same high quality liners that we demand for our own production. These categories of plants are either graded by cane height and heft, crown size, or width.



CANE GRADES

- Each shrub graded by cane height must have at least 2 stems above its designated grade. For example, a 6" grade requires that 2 canes be well above the 6" mark. Even if a plant has the required height for a certain grade, if its heft is not greater than the lower designation, it will be downgraded to the lower grade.
- Cane grades have the following designations: 3", 6", 9", 12", 15", 18", 2', 2 ½'.

WIDTH GRADES

- Like cane-graded shrubs, those graded by width must surpass its corresponding grade designation, but also must be supported by the height of one grade lower. For instance, an 18" width grade must have a height of 15" or it would be downgraded to a 15" width grade.
- Width-graded varieties include Gro-Low Sumac, Goldmound Spirea, Gold Tide® Forsythia and Sundrop™ Spirea.

SUGGESTED CONTAINER SIZES FOR BAREROOT PRODUCTS

Use this chart as a general guide for sizing; keep in mind that there can be variations based on the size of the root system, the age of the plant, and the length of time that plant will be in the container.



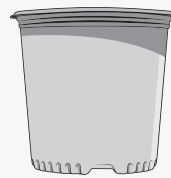
#1 POT
9" & smaller
grade shrubs



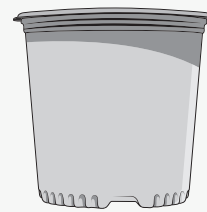
#2 POT
9"-15" shrubs



#3 POT
15-18" shrubs



#5 POT
18"-2' Shrubs
6' & smaller & fruit trees
7/8" and smaller



#7 POT
4' Shrubs



Endless Summer® BloomStruck® Bigleaf Hydrangea

CROWN GRADES

- Crown-graded shrubs are not based on specific measurements, but instead designated relative to the crop and amount of bud break expected.
- Designations include: #1, Medium, and #2.
- Crown-graded varieties include: *Buddleia*, *Caryopertis*, *Hydrangea arborescens*, *Hydrangea macrophylla*, certain honeysuckle, Tiger Eyes® Sumac, *Sambucus*, and *Vitis*.

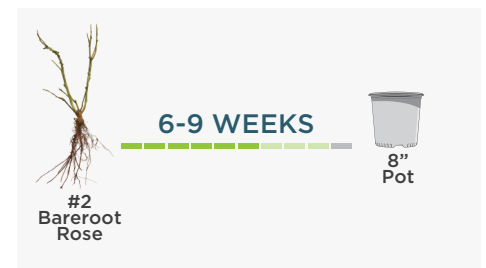
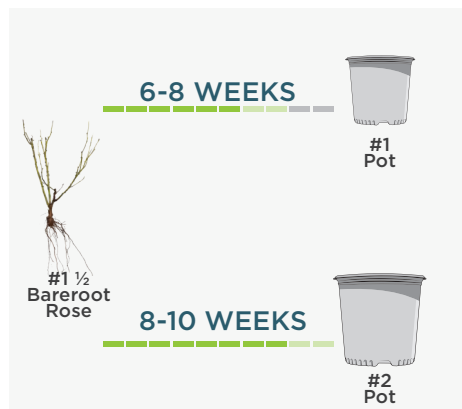
BAREROOT GRADE DEFINITIONS



CROWN GRADES (ROSES)

- **#1:** Generally will have a minimum of 3 canes that are branched no higher than 3" from the well-balanced crown.
- **#1 ½:** Generally will have a minimum of 2 canes plus help that are branched no higher than 3" from the well-balanced crown.
- **#2:** Generally will have a minimum of 1 cane of substantial caliper plus help.

CONTAINER LINER PRODUCTION TIME GUIDE



SOIL RECIPES

We all agree that soil and soilless media is one of the foundations for quality plants that all growers need to be successful. Container media can be highly customized to meet your specific production needs and is often influenced by the materials available locally. Below are a few general recipes that Bailey uses across its multiple growing facilities that you can use as a guide to creating the right mix for the highest quality finished plants.



HYDRANGEA MACROPHYLLA BLUE/PURPLE FLOWERS

Getting that highly prized blue hydrangea color requires a pH between 5.2 and 5.5. Get a head start by using products that already have a low pH so that you can use few inputs throughout your production cycle. This mix works particularly well for Endless Summer® BloomStruck®, The Original, and Twist-n-Shout® hydrangeas.

PINE BARK	PEAT	COMPOST
40%	50%	10%



HYDRANGEA MACROPHYLLA RED/WHITE FLOWERS

Getting the deepest reds and pinks requires a pH between 5.8 and 6.2. While pastels never truly go out of style, the deeply saturated raspberry red flowers of Endless Summer® Summer Crush® are their most irresistible when the soil is more alkaline. It works equally well for varieties like Endless Summer® Blushing Bride, which begin white but antique to shades of light pink.

WOOD	PEAT	COMPOST
40%	40%	20%



GENERAL CONTAINER RECIPE

For most other trees and shrubs that aren't picky about the pH, use the recipe below:

BARK	PUMICE	PEAT
70%	15%	15%

CARE AND HANDLING

Here are a few easy-to-follow tips and tricks to handle your bareroot shipment once it arrives and how to store it until you are ready to plant:

- 1- Check for any major breakage and prune any damaged branches.
- 2- Keep roots moist by watering them and covering with straw, hay, or a tarp. For longer-term storage, heel shrubs in sand, sawdust, or wood chips, preferably in a cool and humid building.
- 3- Protect from the elements in a cool, refrigerated storage space.
- 4- Slowly defrost frozen plant material.

SWEATING & FORCING BUD BREAK

Breaking dormancy is easy for some genera and more challenging for others. For varieties that need longer to break bud, sweat shrubs in a moist location between 45°F and 70°F. Follow these steps for a consistent, healthy crop:

TRADITIONAL SWEATING TECHNIQUE:

- Lay the plant material on its side and cover with wet packing material like straw or shingle tow.
- Cover with a plastic sheet.
- Periodically check to make sure roots are moist.
- Once buds swell (typically after a few days), the product is ready for planting or potting.

ALTERNATIVE TECHNIQUES:

- **HYDRATION:** Place the roots into a tank or pond of water for 24-48 hours.
- **GREENHOUSE:** Pot or heel in shrubs in a warm greenhouse at nearly 100% humidity.



PLANTING TIPS

These are a few simple tips for the best results when planting bareroot shrubs.

- Always prune for an even root-to-top ratio to keep the plant balanced. It's important that the root ball and top are of similar size. Even if a tree has a smaller root mass, prune the top aggressively to keep the plant balanced.
- Plant with the root flare or crown at soil level to avoid stem girdling roots.
- Never cram roots into a container; root prune to fit into the designated pot or use a larger container.
- Freshly swollen buds are susceptible to dessication from wind and hot temperatures. Ensure newly planted crops have adequate protection and irrigation to prevent damage.

OVERWINTERING CONTAINER TREES & SHRUBS

Whether you are a grower who wants to reduce their winter damage and losses or a retailer/re-wholesaler who wants to carry over product for early spring sales, find helpful tips for overwintering containerized trees and shrubs below.

Culture sheets including variety-specific overwintering tips are available online, or contact your Sales Representative for more information specific to your region.



MIDWEST/NORTHERN CLIMATES

- Consolidate containers pot to pot, or as close as possible.
- Tip containers over.
- Cover with a layer of 3-4 mil dual side black and white poly, then 3" of sudangrass (or other organic product such as straw), and another layer of poly.

CENTRAL/MODERATE CLIMATES

- Consolidate containers pot to pot, or as close as possible leaving space for crews to access.
- Store in unheated milk poly houses.
- Use frost blankets for additional protection on zone 5 plants, and use 2 layers on more sensitive varieties.

WEST COAST / SOUTHERN CLIMATES

- Consolidate containers into growing lines.
- Store outside if temps will remain above 15°F.
- Store in a cold frame to keep temps above 20°F.

GENERAL TIPS

- Ensure plants have adequate moisture and are fully dormant before storing for the winter.
- As a general rule, a single layer of poly and sudangrass will provide between 10-20 degrees additional protection from the outside air temperature. Snow cover can impact this and provide additional insulation, and duration of the cold event can affect the temperature under poly / sudangrass.
- A single layer of fabric in a house provide an additional 10 degrees of protection, whereas two layers provide an average of 15 degrees or more. Once the pots are frozen and blankets are applied, the temperature fluctuation under the fabric will stabilize with minimal change until late winter when temperatures start to warm.

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