

# J. FRANK SCHMIDT & SON CO.

2026  
-  
2027

PRICELESS  
TREE  
CATALOG



**8** YEARS  
1946 2026  
J. FRANK SCHMIDT & SON CO.



**BARE ROOT | CONTAINER | B&B | ROOT BAGS**

**Shade, Flowering, Ornamental, Conifer and Fruit Trees**

503-663-4128 | Toll-Free 1-800-825-8202 | [sales@jfschmidt.com](mailto:sales@jfschmidt.com)

# NEW FROM JFS!

At J. Frank Schmidt & Son Co., we are proud to introduce three exceptional new trees that reflect our ongoing commitment to innovation, performance, and landscape value. **DeltaSky™ Hackberry** brings improved form and outstanding cold hardiness to a dependable native favorite, offering a more upright habit and excellent durability in challenging climates. **Urban Stretch™ Hardy Rubber Tree** showcases the versatility of this underutilized species with a narrower, more uniform silhouette ideally

suited for today's streetscapes and urban plantings. Rounding out the collection is **Frost Blush™ Magnolia**, a remarkably hardy selection featuring elegant white flowers brushed with soft pink and exceptional resilience in cold winter conditions. Together, these introductions provide landscape professionals and gardeners with distinctive new choices that combine beauty, adaptability, and reliable performance for a wide range of landscape applications.



*Celtis occidentalis* 'Jefsky'  
**DeltaSky™ Hackberry**  
Page 27



*Eucommia ulmoides* 'JFS KW6EU'  
**Urban Stretch™ Hardy Rubber Tree**  
Page 38



*Magnolia x loebneri* 'JFS GMorgenson2'  
**Frost Blush™ Magnolia**  
Page 48

## MORE INTRODUCTIONS AND ADDITIONS TO THIS YEAR'S CATALOG



*Quercus macrocarpa* 'PTimB1S'  
**Choice City Select® BulletProof™ Oak**  
Page 71



*Quercus muhlenbergii* 'PTimB3S'  
**Choice City Select® Chinkapin Oak**  
Page 72



*Ulmus davidiana* 'Burgundy Glow'  
**Northern Empress® Elm**  
Page 81



*Acer palmatum* 'Ukigumo'  
**Floating Clouds Japanese Maple**  
Page 11



*Pinus parviflora* 'Glauca'  
**Blue Japanese White Pine**  
Page 61

Dear Valued Customers, Partners, and Friends,

After a warm, wet winter, spring shipping and the growing season both started early this year. Thanks to the tireless support and hard work of our customers, vendors, and employees, we successfully navigated another busy season. Given the early spring and favorable weather, we are very excited about next year's crop.

This year marks a remarkable milestone for J. Frank Schmidt & Son Co. as we proudly celebrate our 80<sup>th</sup> anniversary.

For the past 80 years, it has been our honor and privilege to serve you. Your continued trust, loyalty, and commitment to JFS and our products have made this achievement possible. We are deeply grateful for the relationships we have built over generations and for the confidence you place in our company year after year.

Since our founding, we have remained committed to producing the highest quality trees in the industry. That commitment would not be possible without the dedication and passion of our exceptional employees. Their expertise and care at every stage of the growing process allow us to continue delivering the quality and service our customers have come to expect from JFS.

As we reflect on the past eight decades, we are proud of what we have accomplished together and excited for the future ahead. Thank you for being an important part of our 80-year journey and for allowing JFS to serve you.

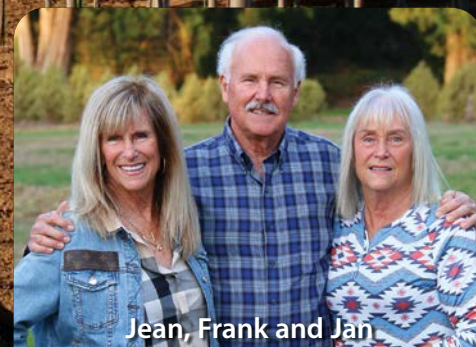
Frank, Jan, and Jean continue to serve on the Board of Directors and the Family Ownership Council. They are enjoying retirement, traveling, and spending time with family. We think they may be busier now than when they were working, and they look forward to seeing everyone at our 80<sup>th</sup> Anniversary celebration.

As always, you are welcome to visit us, and we would love to hear from you if there is any way we can serve you better.

With sincere appreciation,



Ben Rough  
Chief Executive Officer



Phone 503-663-4128  
Toll-Free 1-800-825-8202  
[www.jfschmidt.com](http://www.jfschmidt.com)  
[talk-to-us@jfschmidt.com](mailto:talk-to-us@jfschmidt.com)

Armstrong Gold® Maple

Our management team serves as the bridge between our customers and our skilled field workers who tend to the everyday work of growing trees. Though not pictured, our production workers are the heart and soul of our company and are the collective reason we grow great trees. Our production team averages about 450 year-round employees, and many have served our company for 30 or more years. We appreciate all of them for growing great trees.



**Ben Rough**  
Chief Executive Officer



**Carol Dennison**  
Executive Administrative Assistant



**Sam Barkley**  
Sales Manager



**Eric Henrichs**  
Production Manager



**Gordy Webster**  
Shop Manager/Assistant Production Manager



**Raymond Kerr**  
Controller



**Guy Meacham**  
New Plant Development Manager



**Oscar Torres**  
Human Resources Manager



**Jeff Lafrenz**  
Marketing Director



**Rebekah "Bek" MacKenzie**  
Marketing Assistant



**Stephanie Rustan**  
Credit Manager



**Sam Doane**  
Production Horticulturist



**Pedro Torres**  
People and Culture Manager



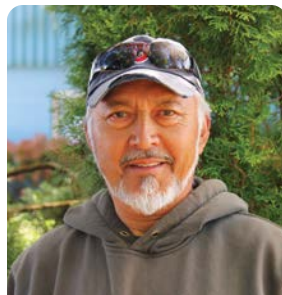
**Andy McReynolds**  
Production/Inventory Coordinator



**Jesus Zamudio**  
Northwest Shade Trees Manager



**Aaron Caldwell**  
Cottrell & Hood Acres Farm Manager



**Jose Martin**  
Hood Acres Farm Assistant Manager



**Peyton Farrish**  
Barlow/Sunset Farm Manager



**Baldo Orosco**  
Shipping Coordinator



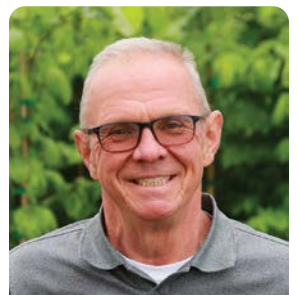
**Jim Donohoe**  
New Plant Development Specialist



**Andrew Abate**  
High Forest Farm Manager



**Tereso Guardado**  
Milton Farm Manager



**Kris Wright**  
Greenhouse Manager

Knowledgeable, friendly, personalized customer service is anchored by our Oregon inside sales staff. They work closely with our field representatives to provide you with service tailored to your local market needs.



**Lance Schamberger**  
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lance@treepeddler.com

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*Inside Sales*

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**Representing:**  
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*Receptionist/Customer Service*



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South Dakota, Wyoming



**Frank Holgerson**  
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frank@holgersonplants.com

**Representing:**  
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New Hampshire, New Jersey, Eastern New York  
Eastern Pennsylvania, Rhode Island, Vermont



**Chris Casebeer**  
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**Representing:**  
Delaware, Florida, Georgia, Maryland  
North Carolina, South Carolina, Virginia

## A message of thanks from the Schmidt Family

Dear Valued Customers,

As we celebrate JFS's 80<sup>th</sup> Anniversary, the Schmidt family would like to extend our heartfelt thanks for your friendship, trust, and support through the years.

What began as a small family endeavor has grown through three generations of family ownership, and we know that none of it would have been possible without customers like you. Your confidence in our company, our people, and our trees has been the foundation of our success.

Over the decades, many of our relationships have grown beyond business. In some cases, multiple generations of your families have worked alongside multiple generations of ours. Those connections mean more to us than words can express, and we are deeply grateful for the loyalty and friendships we have built together.

As we reflect on the past 80 years, we are proud of the values that have guided us from the beginning: hard work, integrity, innovation, personalized service, and a commitment to quality. Those principles remain at the heart of everything we do today.

Looking ahead, we are excited about the future. The Schmidt family remains committed to leading JFS as a family-run company, with the next generation already carrying forward the values and traditions that have shaped our organization.

Like the trees we grow, the relationships we have nurtured over the years have taken root, grown strong, and stood the test of time. For that, we are sincerely grateful.

Thank you for being part of our story and for allowing us to be part of yours. We look forward to serving you for many years to come.

With sincere appreciation,  
*The Schmidt Family*



**The Schmidt Family**



**The Barkley Family**



**The Webster Family**

## Guidelines for Ordering

### Placing Orders

Bare Root, B&B, Root Bag and Container orders are booked separately. Discount schedules unique to each product line are listed on page 95. Bare root trees must be ordered in bundled quantities as shown.

Your regional sales representative will be pleased to assist you in placing your orders. You may also contact our customer service department.

For best availability of stock, customers are urged to place orders nine months prior to shipping. Prompt placement of orders is especially important for newer cultivars and other high-demand items.

### Minimum Orders

Plant material cannot be booked unless the minimum order requirements listed below are met.

**\$1,500** minimum for trees to be picked up at the nursery.

**\$3,250** minimum for shipments to be arranged by JFS via common carrier.

These minimums may be a combination of all product types.

Prices stated are F.O.B. Boring, Oregon.

### Bare Root Bundled Quantities

Size	No./Bundle
<b>Branched</b>	
2 ft. - 6 ft.	10
1" - 1¼"	5
1½"	3
1¾" - Up	2
<b>Whips</b>	
12" - 10'	10
<b>Multi-Stem</b>	
12" - 3'	5
4' - Up	3
<b>Top-Graft/Specialty</b>	
All grades	5

### Shipping

Bare root, B&B and root bag trees are available only for spring shipping, as noted in the Terms of Business Transactions on Page 94. Container material may be shipped year-round.

By request, our transportation department will assist you in coordinating shipping of full and partial loads aboard temperature-controlled trucks provided by common carriers. Freight charges will come directly from the logistics company and are separate from nursery stock invoices.

Customers may arrange shipping via their own trucks or by contracted carriers. Our transportation department must be given at least five (5) business days' notice before customer-arranged trucks arrive for pickup.

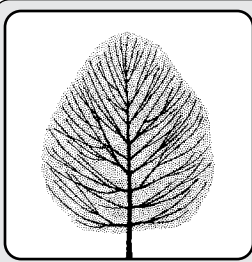
### Order Changes

Changes to orders are welcome if made in a timely manner. Advance notice of five (5) business days prior to loading is required for JFS or customer-arranged trucks. Advance notice of at least three (3) business days is required for local order pickup.

### Payment

Payment in advance of shipments is required unless credit is established. We accept Visa®, MasterCard® and Discover® or Online ACH Payment.

For additional terms of business transactions and shipping information, please see page 94.



**Tree Drawings and Size Ratings**

Tree shape and growth habit change as a tree grows. Young trees are often upright, while older ones of the same cultivar may become spreading. "Mature" size of a tree varies by climate, landscape site characteristics and how long the tree lives. City trees rarely reach the size and age of their counterparts in native forest stands.

In a city situation, trees that reach 30 years of age generally grow slowly beyond that time. Therefore, the size ratings and growth habits shown in this catalog are our best estimates for a healthy 30 year old tree grown under "average" city conditions.

©J. Frank Schmidt & Son Co. tree form illustrations

Our grading standards follow the American Standard for Nursery Stock. Approved by the American National Standards Institute, Inc. (ANSI) and updated in 2014, the 97-page document is available from AmericanHort® Resources section at <https://www.americanhort.org/nursery-standards>

***Acer buergerianum***  
(Trident Maple)

*Acer buergerianum*  
**Trident Maple**



**Zone:** 6  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Round, low and spreading  
**Foliage:** Glossy green, pale underside  
**Fall Color:** Red, orange

**Container**  
3VL VigorLiner®

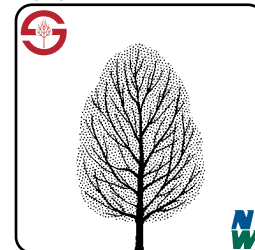


**Trident Maple**



**Metro Gold® Maple**

*Acer campestre* 'Panacek'  
**Metro Gold® Maple**  
Royalty \$1.25



**Zone:** 5b  
**Height:** 35'  
**Spread:** 20'  
**Shape:** Upright narrow oval  
**Foliage:** Dark green  
**Fall Color:** Bright yellow

**INSECT RESISTANCE:** Japanese beetle

**Bare Root**  
6 ft., branched  
1" cal., branched  
1¼" cal., branched

***Acer campestre*** (Hedge Maple)

*Acer campestre*  
**Hedge Maple**

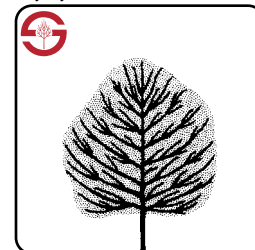


**Zone:** 5  
**Height:** 30'  
**Spread:** 30'  
**Shape:** Dense and rounded  
**Foliage:** Dark green, glossy  
**Fall Color:** Yellow

**INSECT RESISTANCE:** Japanese beetle

**Bare Root**  
5 ft., branched  
6 ft., branched  
1" cal., branched

*Acer campestre* 'Evelyn'  
**Queen Elizabeth™ Maple**  
Royalty \$1.25



**Zone:** 6  
**Height:** 35'  
**Spread:** 30'  
**Shape:** Upright branching, oval  
**Foliage:** Dark green  
**Fall Color:** Yellow

**INSECT RESISTANCE:** Japanese beetle

**Bare Root**  
6 ft., branched  
1" cal., branched  
1¼" cal., branched

 **Schmidt Introductions**

Our dedication to improving urban forests includes extensive research and development efforts, plus collaboration with tree breeders around the world. Over the years, J. Frank Schmidt & Son Co. has introduced or co-introduced more than 115 cultivars to the trade, including the renowned Red Sunset® Maple in 1966.

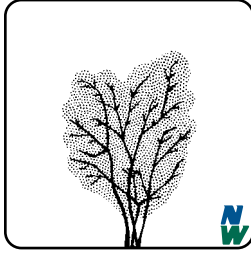
If you have a promising new tree, we invite you to explore our program of testing, evaluation and introduction. Outstanding candidates are co-introduced under a shared royalty agreement.

Schmidt introductions are indicated throughout the catalog by our logo in the upper left hand corner of the Treeform illustration box. You'll find multiple photos and downloadable fact sheets for each tree in the Introductions section of our website.

**Learn more about each of our introductions by visiting [www.jfsc.co/introductions](http://www.jfsc.co/introductions)**

***Acer circinatum*** (Vine Maple)

*Acer circinatum*  
**Vine Maple**



**Zone:** 6  
**Height:** 15'  
**Spread:** 10'  
**Shape:** Multi-stemmed, upright spreading  
**Foliage:** Green  
**Fall Color:** Orange to bright red  
**Fruit:** Red winged samaras

**Bare Root**

3 foot, multi-stem  
4 foot, multi-stem  
5 foot, multi-stem  
6 foot, multi-stem

**B & B**

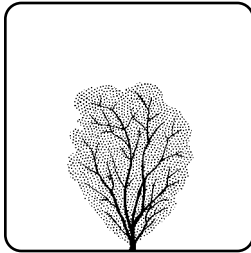
4 foot, multi-stem  
5 foot, multi-stem  
6 foot, multi-stem  
7 foot, multi-stem

**Container**

#15 5 foot, multi-stem  
#25 5 foot, multi-stem

*Acer circinatum* 'Pacific Fire'

**Pacific Fire Maple**



**Zone:** 6  
**Height:** 12'  
**Spread:** 8'  
**Shape:** Multi-stemmed, upright spreading  
**Foliage:** Medium green  
**Fall Color:** Orange-yellow  
**Fruit:** Red winged samaras

**Bare Root**

2 foot, multi-stem  
3 foot, multi-stem  
4 foot, multi-stem

**B & B**

5 foot, multi-stem  
6 foot, multi-stem

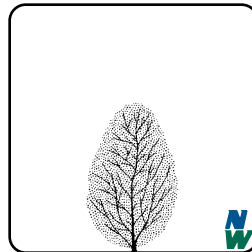
**Container**

#7 multi-stem  
#10 multi-stem  
#25 5 foot, multi-stem  
#15 6 foot, multi-stem  
#20 6 foot, multi-stem  
#25 6 foot, multi-stem

*Acer circinatum* 'HSI2'

**Three Cheers™ Maple**

Royalty: \$1.50



**Zone:** 5  
**Height:** 15'  
**Spread:** 8'  
**Shape:** Upright oval  
**Foliage:** Dark green  
**Fall Color:** Medley of orange, red, yellow  
**Fruit:** Red samaras

**B & B**

4 foot, multi-stem  
5 foot, multi-stem  
6 foot, multi-stem

**Container**

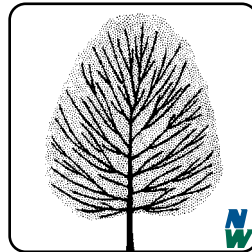
#7 multi-stem  
#25 5 foot, multi-stem  
#25 6 foot, multi-stem

***Acer freemanii***

*Acer × freemanii* 'Jeffersred'

**Autumn Blaze® Maple**

Royalty \$1.00



**Zone:** 3  
**Height:** 50'  
**Spread:** 40'  
**Shape:** Upright branching, broadly oval  
**Foliage:** Medium green  
**Fall Color:** Brilliant orange-red, long lasting

**Bare Root**

4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
5 ft., branched (1 year)  
6 ft., branched (1 year)  
7 ft., branched (1 year)  
8 ft., branched (1 year)

5 ft., branched  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched  
2" cal., branched  
3 foot, multi-stem  
4 foot, multi-stem  
5 foot, multi-stem

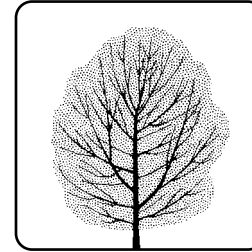
**Container**

#3  
#5  
#7  
#10 1" caliper  
#15 1¼" caliper  
#20 1½" caliper  
#25 1½" caliper  
#25 1¾" caliper  
#25 2" caliper  
#35 2" caliper

*Acer × freemanii* 'DTR 102'

**Autumn Fantasy® Maple**

Royalty \$.70



**Zone:** 4  
**Height:** 50'  
**Spread:** 40'  
**Shape:** Broadly oval  
**Foliage:** Green  
**Fall Color:** Bright red

**Bare Root**

5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched

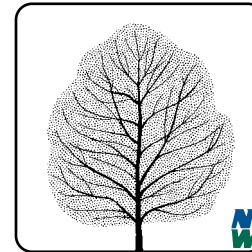


**Autumn Blaze® Maple**

*Acer × freemanii* 'Celzam'

**Celebration® Maple**

Royalty \$.95



**Zone:** 4  
**Height:** 50'  
**Spread:** 35'  
**Shape:** Broadly oval  
**Foliage:** Green  
**Fall Color:** Yellow to orange

**Bare Root**

4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched

**Container**

#3  
#5  
#10 1" caliper  
#15 1¼" caliper



**Pacific Fire Maple**

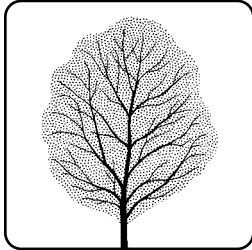


This icon in the lower right hand corner of the illustrations indicates that the variety is also grown as a specimen tree. See page 87 for details.

*Acer x freemanii* 'AF#1'

**Firefall™ Maple**

Royalty \$1.25

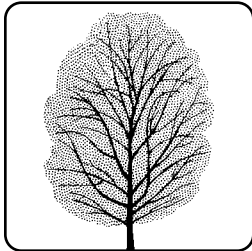


**Zone:** 3b  
**Height:** 50'  
**Spread:** 35'  
**Shape:** Upright oval  
**Foliage:** Green  
**Fall Color:** Orange-red to red  
**Fruit:** Seedless

**Bare Root**  
5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
6 ft., branched

*Acer x freemanii* 'Marmo'

**Marmo Maple**



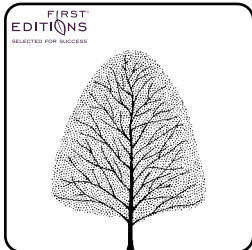
**Zone:** 3  
**Height:** 55'  
**Spread:** 45'  
**Shape:** Upright, oval  
**Foliage:** Medium green  
**Fall Color:** Orange to orange-red

**Bare Root**  
5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
6 ft., branched  
1" cal., branched

*Acer x freemanii* 'Bailston'

**Matador™ Maple – First Editions®**

Royalty \$1.50



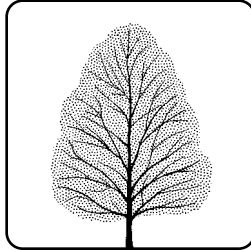
**Zone:** 4  
**Height:** 45'  
**Spread:** 35'  
**Shape:** Upright, oval  
**Foliage:** Green  
**Fall Color:** Bright red

**Bare Root**  
5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
1" cal., branched  
1¼" cal., branched

*Acer x freemanii* 'Sienna'

**Sienna Glen® Maple**

Royalty \$1.00



**Zone:** 3  
**Height:** 50'  
**Spread:** 35'  
**Shape:** Pyramidal  
**Foliage:** Green  
**Fall Color:** Rusty orange to burgundy  
**Fruit:** Reported seedless

**Bare Root**  
6 ft., whip  
7 ft., whip  
8 ft., whip  
9 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched

***Acer ginnala* (Amur Maple)**

*Acer ginnala* 'Flame'

**Flame Maple**



**Zone:** 2  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Low branched or multi-stemmed tree, rounded  
**Foliage:** Medium green, fine texture  
**Fall Color:** Brilliant orange-red to deep red

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
5 ft., branched  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
3 foot, multi-stem  
4 foot, multi-stem  
5 foot, multi-stem  
6 foot, multi-stem

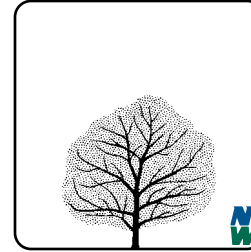
**Container**

#5  
#7  
#15 1¼" caliper  
#3 clump  
#5 clump  
#3 multi-stem  
#5 multi-stem  
#7 multi-stem  
#10 multi-stem

*Acer glabrum*

**Rocky Mountain Maple**

*Acer ginnala* 'Ruby Slippers'  
**Ruby Slippers Maple**



**Zone:** 3  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Low branched, upright spreading to rounded  
**Foliage:** Medium green, fine textured  
**Fall Color:** Bright red  
**Fruit:** Bright red samaras

**Bare Root**  
5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
5 ft., branched  
6 ft., branched  
1" cal., branched

**Container**

#7  
#25 1¼" caliper



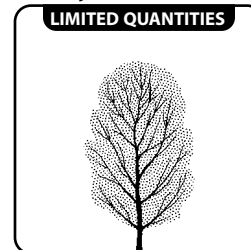
Flame Maple

***Acer glabrum***

(Rocky Mountain Maple)

*Acer glabrum*

**Rocky Mountain Maple**

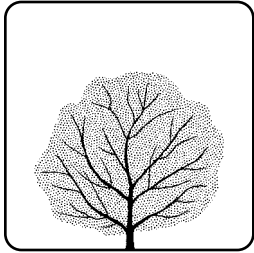


**Zone:** 5  
**Height:** 25'  
**Spread:** 15'  
**Shape:** Oval  
**Foliage:** Medium green  
**Fall Color:** Yellow-orange to red

**Bare Root**  
5 ft., branched  
6 ft., branched

***Acer grandidentatum***  
 (Bigtooth Maple)

*Acer grandidentatum*  
**Bigtooth Maple**



**Zone:** 4  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Rounded  
**Foliage:** Medium green  
**Fall Color:** Orange-red to red

**Container**  
 #7 multi-stem

*Acer grandidentatum* 'JFS KW13AGRA'  
**High Peaks® Maple**

Royalty: \$2.75



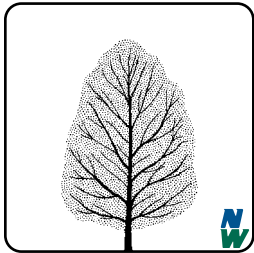
**Zone:** 4  
**Height:** 25'  
**Spread:** 18'  
**Shape:** Upright oval  
**Foliage:** Dark green  
**Fall Color:** Orange-red to red

**Bare Root**  
 4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 8 ft., whip  
 6 ft., branched  
 1" cal., branched

**Container**  
 #5  
 #10 1" caliper  
 #15 1¼" caliper

*Acer grandidentatum* × *saccharum* 'Hipzam'  
**Highland Park® Maple**

Royalty \$ .95



**Zone:** 4  
**Height:** 35'  
**Spread:** 22'  
**Shape:** Pyramidal  
**Foliage:** Dark green  
**Fall Color:** Red

**Bare Root**  
 5 ft., branched  
 6 ft., branched  
 1" cal., branched  
 1¼" cal., branched

**Container**  
 #10 1" caliper  
 #15 1¼" caliper

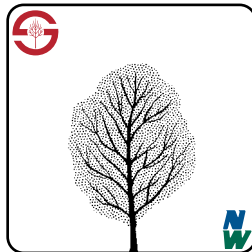
**HIGH  
 PEAKS®  
 MAPLE**

Attention-grabbing fall color and symmetrical, relatively narrow growth habit are attributes of this handsome selection of a Rocky Mountain native.



*Acer grandidentatum* 'JFS-NuMex 3' PP 27930  
**Mesa Glow® Maple**

Royalty \$2.00



**Zone:** 4  
**Height:** 28'  
**Spread:** 18'  
**Shape:** Upright oval  
**Foliage:** Dark green  
**Fall Color:** Orange red to red

**Bare Root**  
 5 ft., branched  
 6 ft., branched  
 1" cal., branched  
 1¼" cal., branched  
 1½" cal., branched

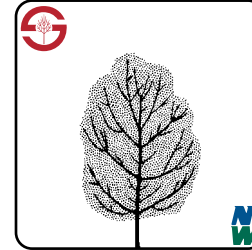
**Container**  
 #10 1" caliper  
 #15 1¼" caliper



**Rocky Mountain Glow® Maple**

*Acer grandidentatum* 'Schmidt'  
**Rocky Mountain Glow® Maple**

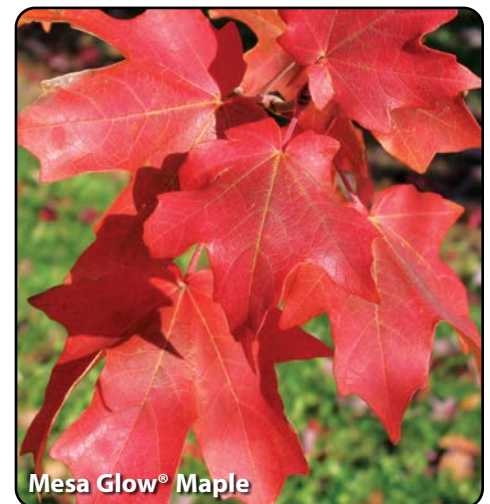
Royalty \$1.50



**Zone:** 4  
**Height:** 25'  
**Spread:** 15'  
**Shape:** Oval  
**Foliage:** Dark green  
**Fall Color:** Yellow to orange-red

**Bare Root**  
 4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 5 ft., branched  
 6 ft., branched  
 1" cal., branched  
 1¼" cal., branched  
 1½" cal., branched  
 1¾" cal., branched

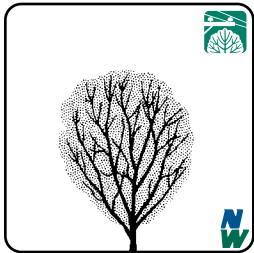
**Container**  
 #5  
 #7  
 #10 1" caliper  
 #15 1¼" caliper  
 #20 1½" caliper  
 #25 1¾" caliper  
 #25 2" caliper  
 #7 clump



**Mesa Glow® Maple**

***Acer griseum***  
(Paperbark Maple)

*Acer griseum*  
**Paperbark Maple**



**Zone:** 5  
**Height:** 25'  
**Spread:** 20'  
**Shape:** Upright spreading, rounded crown  
**Foliage:** Trifoliate, dark green  
**Fall Color:** Red

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1 1/4" cal., branched
- 3 foot, multi-stem
- 4 foot, multi-stem
- 5 foot, multi-stem
- 6 foot, multi-stem

**B & B**

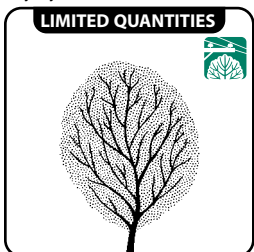
- 1 1/4" caliper
- 1 1/2" caliper
- 1 3/4" caliper
- 2" caliper
- 5 foot, multi-stem
- 6 foot, multi-stem
- 7 foot, multi-stem

**Container**

- 3VL VigorLiner®
- #25 1 1/4" caliper
- #25 1 1/2" caliper
- #10 multi-stem
- #25 5 foot, multi-stem

*Acer griseum* × *A. maximowiczianum* 'Molly Fordham'  
**Cinnamon Girl™ Maple**

Royalty \$1.00



**Zone:** 5  
**Height:** 25'  
**Spread:** 20'  
**Shape:** Upright oval  
**Foliage:** Dark green, trifoliate  
**Fall Color:** Rich dark red

**B & B**

- 1 3/4" caliper
- 2" caliper

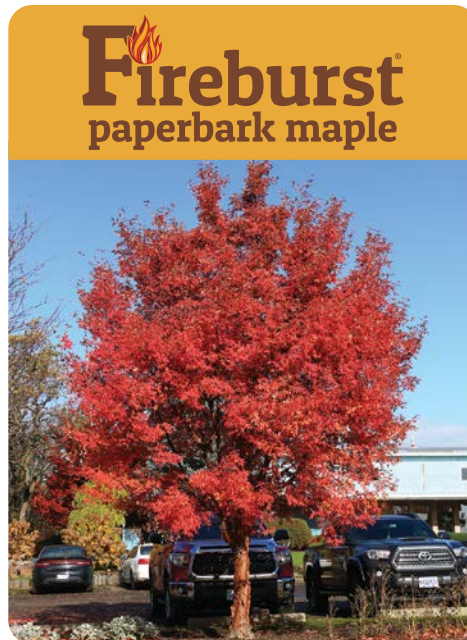
*Acer griseum* 'JFS KW22AGRI'

**Copper Rocket® Paperbark Maple**

Royalty \$2.00



**Zone:** 5  
**Height:** 25'  
**Spread:** 12'  
**Shape:** Narrow columnar  
**Foliage:** Dark green, trifoliate  
**Fall Color:** Brilliant red  
**Bark:** Coppery brown, smooth with exfoliating papery curls



*Acer griseum* 'JFS KW8AGRI'

**Fireburst® Paperbark Maple**

Royalty \$2.00



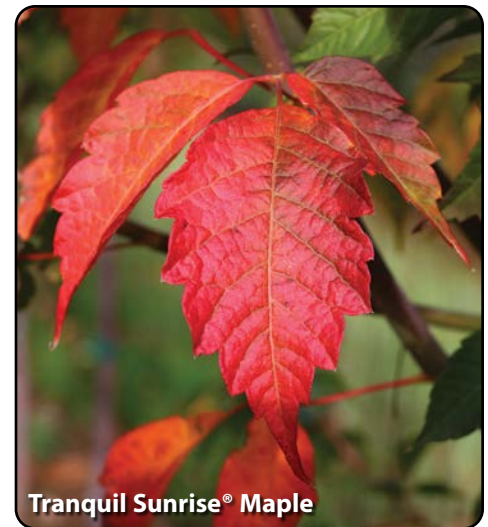
**Zone:** 5  
**Height:** 25'  
**Spread:** 18'  
**Shape:** Upright oval  
**Foliage:** Dark green, trifoliate  
**Fall Color:** Brilliant red  
**Bark:** Reddish-brown, smooth with exfoliating papery curls

**B & B**

- 1 1/2" caliper
- 1 3/4" caliper
- 2" caliper



**Ed Wood Maple**



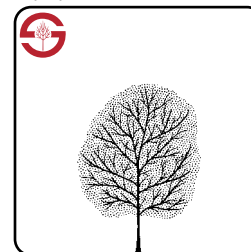
**Tranquil Sunrise® Maple**

***Acer henryi*** (Henry Maple)

*Acer henryi* 'JFS KW8AH'

**Tranquil Sunrise® Maple**

Royalty: \$2.75



**Zone:** 6  
**Height:** 30'  
**Spread:** 25'  
**Shape:** Oval with upright branching  
**Foliage:** Dark green, dark red to crimson new growth  
**Fall Color:** Purple deepening to red-orange

**Bare Root**

- 1" cal., branched
- 1 1/4" cal., branched

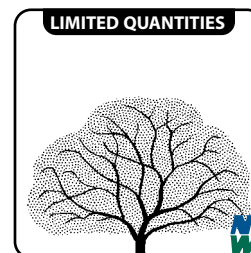
**Container**

- #20 1 1/2" caliper

***Acer japonicum***  
(Fullmoon Maple)

*Acer japonicum* 'Ed Wood #2'

**Ed Wood Fullmoon Maple**



**Zone:** 5  
**Height:** 20'  
**Spread:** 25'  
**Shape:** Broadly upright spreading  
**Foliage:** Green, large, deeply cut  
**Fall Color:** Orange, yellow, and red

**B & B**

- 3 foot, multi-stem
- 4 foot, multi-stem

**Container**

- #25 4 foot, multi-stem
- #25 5 foot, multi-stem



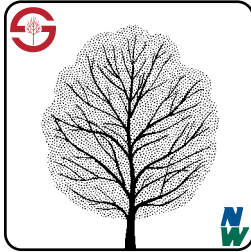
Sensation Box Elder

## *Acer miyabei*

*Acer miyabei* 'JFS-KW3AMI'

### Rugged Ridge® Maple

Royalty \$1.50



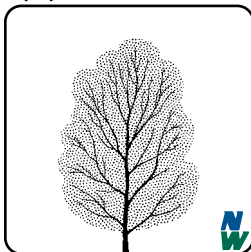
**Zone:** 4  
**Height:** 55'  
**Spread:** 40'  
**Shape:** Upright oval  
**Foliage:** Dark green  
**Fall Color:** Yellow  
**Bark:** Corky, deeply furrowed

**Bare Root**  
5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched

*Acer miyabei* 'Morton'

### State Street® Maple

Royalty \$1.00



**Zone:** 4  
**Height:** 50'  
**Spread:** 35'  
**Shape:** Upright oval  
**Foliage:** Dark green  
**Fall Color:** Yellow

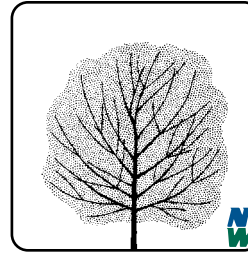
**Bare Root**  
3 ft., whip  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
6 ft., branched (1 year)  
7 ft., branched (1 year)  
8 ft., branched (1 year)  
6 ft., branched  
1" cal., branched  
1¼" cal., branched

**Container**  
#15 1¼" caliper  
#20 1½" caliper  
#25 1¾" caliper

## *Acer negundo* (Box Elder)

*Acer negundo* 'Sensation'

### Sensation Box Elder



**Zone:** 4b  
**Height:** 30'  
**Spread:** 25'  
**Shape:** Rounded  
**Foliage:** Medium green  
**Fall Color:** Brilliant red  
**Fruit:** Seedless

#### Bare Root

5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
9 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched  
2" cal., branched

#### Container

#20 1½" caliper  
#25 1¾" caliper

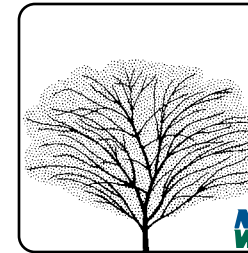


Bloodgood Japanese Maple

## *Acer palmatum* (Japanese Maple)

*Acer palmatum*

### Japanese Maple



**Zone:** 5  
**Height:** 20'  
**Spread:** 24'  
**Shape:** Upright, then broadly spreading  
**Foliage:** Green  
**Fall Color:** Yellow-orange to orange-red

#### B & B

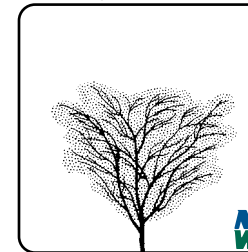
4 foot, multi-stem  
5 foot, multi-stem  
6 foot, multi-stem

#### Container

#7 multi-stem  
#10 multi-stem

*Acer palmatum* 'Bloodgood'

### Bloodgood Japanese Maple



**Zone:** 5  
**Height:** 18'  
**Spread:** 18'  
**Shape:** Upright, becoming broad topped with age  
**Foliage:** Purple-red  
**Fall Color:** Red

#### Bare Root

18 inch, multi-stem  
2 foot, multi-stem  
3 foot, multi-stem  
4 foot, multi-stem

#### B & B

1" caliper  
1¼" caliper  
1½" caliper  
3 foot, multi-stem  
4 foot, multi-stem  
5 foot, multi-stem  
6 foot, multi-stem

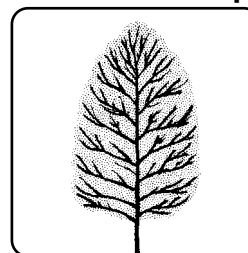
#### Container

#7  
#10 1" caliper  
#5 multi-stem  
#7 multi-stem  
#10 multi-stem  
#15 3 foot, multi-stem  
#20 3 foot, multi-stem  
#15 4 foot, multi-stem  
#20 4 foot, multi-stem  
#25 4 foot, multi-stem  
#20 5 foot, multi-stem  
#25 5 foot, multi-stem  
#25 6 foot, multi-stem  
#35 8 foot, multi-stem

## *Acer nigrum* (Black Maple)

*Acer nigrum* 'Greencolumn'

### Greencolumn Maple



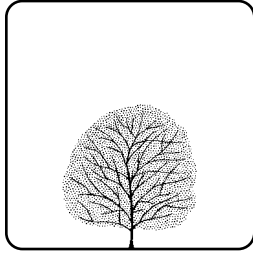
**Zone:** 4  
**Height:** 50'  
**Spread:** 20'  
**Shape:** Upright, narrow  
**Foliage:** Light green  
**Fall Color:** Yellow to apricot orange, excellent

#### Bare Root

5 ft., branched  
6 ft., branched  
1" cal., branched

*Acer palmatum* 'Wolff'

**Emperor I® Japanese Maple**



**Zone:** 5  
**Height:** 18'  
**Spread:** 16'  
**Shape:** Upright, rounded, narrow  
**Foliage:** Dark red  
**Fall Color:** Scarlet red

**Bare Root**

18 inch, multi-stem  
2 foot, multi-stem  
30 inch, multi-stem

**B & B**

3 foot, multi-stem  
4 foot, multi-stem  
5 foot, multi-stem

**Container**

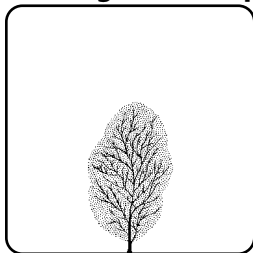
#7 multi-stem  
#15 4 foot, multi-stem  
#15 5 foot, multi-stem  
#25 6 foot, multi-stem



Floating Clouds Japanese Maple

*Acer palmatum* 'Ukigumo'

**Floating Clouds Japanese Maple**



**Zone:** 5  
**Height:** 12'  
**Spread:** 8'  
**Shape:** Upright oval  
**Foliage:** Mottled white, green & pink variegation  
**Fall Color:** pinks and reds



The striking white & pink variegation varies by location and time of year. At times the tree will appear to be almost white, looking like "floating clouds". Sometimes, it will be almost completely green. Pinks are more prominent on new growth in the spring and also during the fall along with shades of red.

**Container**

#7 multi-stem  
#10 multi-stem

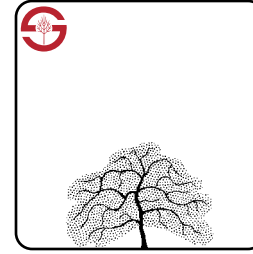
**Weeping Laceleaf Japanese Maples**

Two distinct forms of Weeping Laceleaf Japanese Maples (*Acer palmatum dissectum*) are grown at our nursery. Our practice of staking to approximately three feet in height before allowing the upper branches to cascade to the ground creates classic, low-growing forms that hug the landscape. Designated in the catalog and stock available lists as "low head," they complement the taller forms that we grow.

We create tall forms by developing a central leader that is staked to a height of approximately five feet. From this height, the naturally weeping branches cascade gracefully to the ground. Unless designated as "low head," our weeping laceleaf Japanese Maples are grown in this way. Both forms present unique design options for incorporating these graceful trees into the landscape.

*Acer palmatum dissectum* 'Contorta'

**Contorta Japanese Maple**



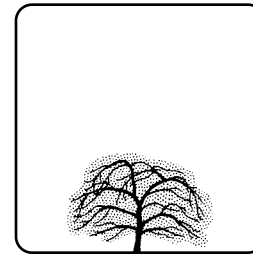
**Zone:** 5  
**Height:** 8'  
**Spread:** 12'  
**Shape:** Weeping, twisting  
**Foliage:** Laceleaf, bright green  
**Fall Color:** Yellow-orange

**Bare Root**

2 foot, multi-stem  
3 foot, multi-stem

*Acer palmatum dissectum* 'Crimson Queen'

**Crimson Queen Japanese Maple**



**Zone:** 5  
**Height:** 6'  
**Spread:** 8'  
**Shape:** Weeping, mounded  
**Foliage:** Laceleaf, deep purple-red  
**Fall Color:** Scarlet

**B & B**

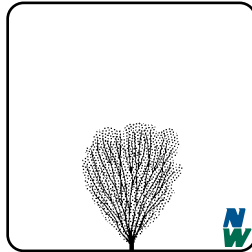
1" caliper  
1¼" caliper  
1½" caliper  
1¾" caliper  
30 inch, low head  
3 foot, low head  
42 inch, low head  
4 foot, low head

**Container**

#5  
#7  
#10  
#25 1¼" caliper  
#25 1½" caliper  
#25 1¾" caliper  
#25 2" caliper  
#7 low head  
#20 30 inch, low head  
#20 3 foot, low head

*Acer palmatum* 'Shishigashira'

**Shishigashira Japanese Maple**



**Zone:** 6  
**Height:** 15'  
**Spread:** 10'  
**Shape:** Upright vase  
**Foliage:** Deep green, crinkled  
**Fall Color:** Golden to orange-red

**B & B**

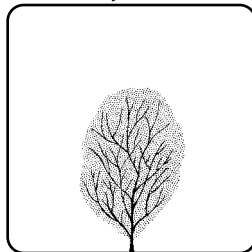
2 foot, multi-stem  
3 foot, multi-stem

**Container**

#20 3 foot, multi-stem

*Acer palmatum* 'Twombly's Red Sentinel'

**Twombly's Red Sentinel Japanese Maple**



**Zone:** 5  
**Height:** 18'  
**Spread:** 9'  
**Shape:** Upright, narrow  
**Foliage:** Burgundy red  
**Fall Color:** Scarlet red

**B & B**

4 foot, multi-stem  
5 foot, multi-stem

**Container**

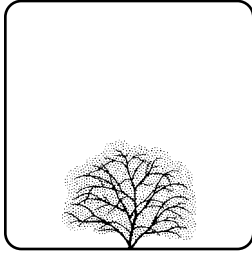
#10 multi-stem  
#15 3 foot, multi-stem  
#20 3 foot, multi-stem  
#25 3 foot, multi-stem



Crimson Queen Japanese Maple

*Acer palmatum dissectum* 'Lionheart'  
**Lionheart Japanese Maple**

New '26



**Zone:** 5  
**Height:** 12'  
**Spread:** 12'  
**Shape:** Spreading, rounded  
**Foliage:** Laceleaf, red  
**Fall Color:** Red

Lionheart is a fast-growing laceleaf Japanese maple. Its growth habit is upright and spreading rather than weeping. Regular flushes of new growth through the season add interest and maintain the bright color. Among the laceleaf cultivars, Lionheart is known to be one of the most heat and sun tolerant.

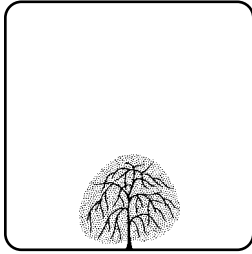
**B & B**

3 foot, low head  
42 inch, low head  
4 foot, low head

**Container**

#7 multi-stem

*Acer palmatum dissectum* 'Red Dragon'  
**Red Dragon Japanese Maple**



**Zone:** 5  
**Height:** 6'  
**Spread:** 8'  
**Shape:** Weeping, compact  
**Foliage:** Laceleaf, burgundy red  
**Fall Color:** Scarlet red

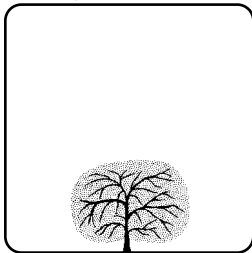
**Bare Root**

2 foot  
3 foot  
4 foot

**B & B**

1" caliper  
1¼" caliper  
1½" caliper  
1¾" caliper

*Acer palmatum dissectum* 'Orangeola'  
**Orangeola Japanese Maple**



**Zone:** 5  
**Height:** 8'  
**Spread:** 12'  
**Shape:** Weeping  
**Foliage:** Laceleaf, deeply dissected  
**Fall Color:** Bright orange red

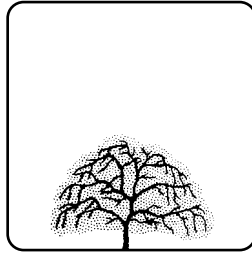
**B & B**

30 inch, low head  
3 foot, low head

**Container**

#7 low head  
#10 low head

*Acer palmatum dissectum* 'Tamukeyama'  
**Tamukeyama Japanese Maple**



**Zone:** 5  
**Height:** 8'  
**Spread:** 12'  
**Shape:** Weeping  
**Foliage:** Laceleaf, deep purple-red  
**Fall Color:** Red

**Bare Root**

2 foot  
3 foot  
4 foot

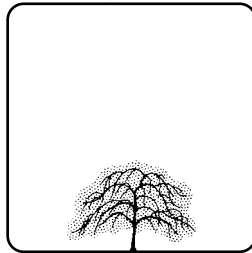
**B & B**

1" caliper  
1¼" caliper  
1½" caliper  
1¾" caliper  
3 foot, low head  
42 inch, low head  
4 foot, low head

**Container**

#5  
#7  
#10  
#25 1¼" caliper  
#25 1½" caliper  
#25 1¾" caliper  
#25 2" caliper  
#7 low head  
#10 low head

*Acer palmatum dissectum* 'Viridis'  
**Weeping Green Japanese Maple**



**Zone:** 5  
**Height:** 6'  
**Spread:** 8'  
**Shape:** Weeping, mounded  
**Foliage:** Laceleaf, bright green  
**Fall Color:** Golden orange

**Bare Root**

2 foot  
3 foot  
4 foot

**B & B**

1" caliper  
1¼" caliper  
1½" caliper  
1¾" caliper  
3 foot, low head  
42 inch, low head  
4 foot, low head

**Container**

#7  
#10  
#25 1¼" caliper  
#7 low head  
#10 low head

Schmidt Introduction see page 5

UTILITREES selection see page 92  
 Caliper Specimens Available see page 87

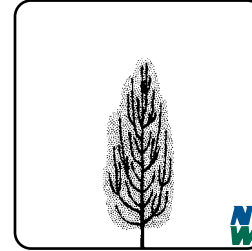


Tamukeyama Japanese Maple

***Acer platanoides***  
(Norway Maple)

*Acer platanoides* 'Columnare'

**Columnar Norway Maple**



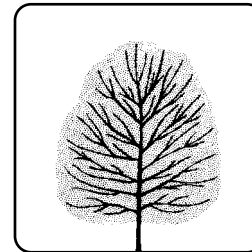
**Zone:** 4  
**Height:** 35'  
**Spread:** 15'  
**Shape:** Narrow, upright, with ascending branches  
**Foliage:** Dark green  
**Fall Color:** Yellow

**Bare Root**

6 ft., whip  
7 ft., whip  
1" cal., whip  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched  
2" cal., branched

*Acer platanoides* 'Crimson King'

**Crimson King Maple**



**Zone:** 4  
**Height:** 40'  
**Spread:** 35'  
**Shape:** Oval when young, becoming rounded  
**Foliage:** Deep purple  
**Fall Color:** Maroon to reddish-bronze

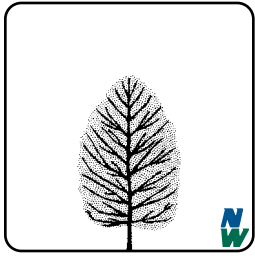
**Bare Root**

5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
9 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched

**Container**

#3  
#7  
#10 6 foot  
#10 1" caliper  
#15 1¼" caliper  
#20 1½" caliper

*Acer platanoides* 'Crimson Sentry'  
**Crimson Sentry Maple**

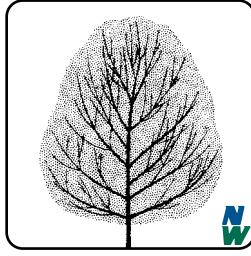


**Zone:** 4b  
**Height:** 25'  
**Spread:** 15'  
**Shape:** Compact and dense, pyramidal to oval  
**Foliage:** Deep purple  
**Fall Color:** Maroon to reddish-bronze

**Bare Root**

6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched  
2" cal., branched

*Acer platanoides* 'Emerald Queen'  
**Emerald Queen™ Maple**



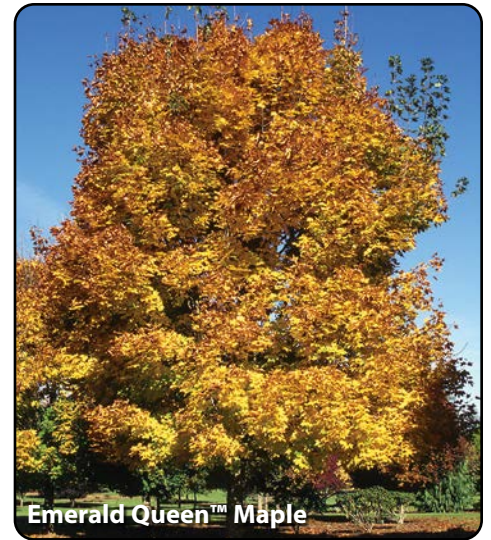
**Zone:** 4  
**Height:** 50'  
**Spread:** 40'  
**Shape:** Dense oval, with upright spreading branches  
**Foliage:** Deep green, reddish tint in spring  
**Fall Color:** Yellow

**Bare Root**

6 ft., whip  
7 ft., whip  
8 ft., whip  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched  
2" cal., branched

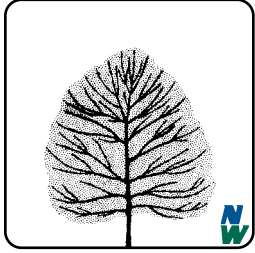
**Container**

#5  
#7  
#10 1" caliper  
#15 1¼" caliper  
#20 1½" caliper



**Emerald Queen™ Maple**

*Acer platanoides* 'Deborah'  
**Deborah Maple**



**Zone:** 3b  
**Height:** 45'  
**Spread:** 40'  
**Shape:** Broadly oval to rounded  
**Foliage:** Reddish-purple in the spring, becoming dark bronze-green in the summer  
**Fall Color:** Bronze

**Bare Root**

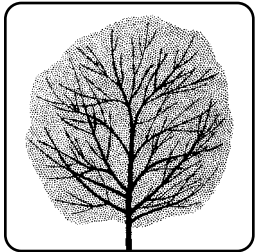
6 ft., branched  
1" cal., branched  
1¼" cal., branched

**Container**

#15 1¼" caliper

*Acer platanoides* 'Pond'  
**Emerald Lustre® Maple**

Royalty \$.50



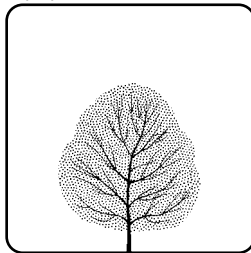
**Zone:** 3  
**Height:** 45'  
**Spread:** 40'  
**Shape:** Upright spreading, rounded  
**Foliage:** Medium green  
**Fall Color:** Yellow

**Bare Root**

6 ft., whip  
7 ft., whip  
8 ft., whip  
1" cal., branched  
1¼" cal., branched

*Acer platanoides* 'Princeton Gold'  
**Princeton Gold® Maple**

Royalty \$.75



**Zone:** 4  
**Height:** 35'  
**Spread:** 30'  
**Shape:** Oval  
**Foliage:** Bright yellow  
**Fall Color:** Yellow

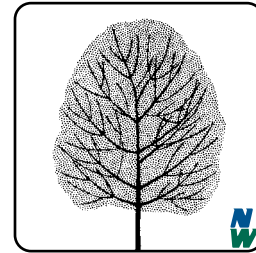
**Bare Root**

4 ft., whip  
5 ft., whip  
6 ft., whip  
5 ft., branched  
6 ft., branched  
1" cal., branched

**Container**

#7  
#10 6 foot

*Acer platanoides* 'Royal Red'  
**Royal Red Maple**



**Zone:** 4  
**Height:** 40'  
**Spread:** 30'  
**Shape:** Oval when young, becoming rounded  
**Foliage:** Deep purple  
**Fall Color:** Maroon to reddish-bronze

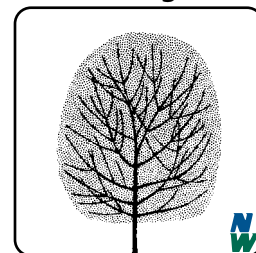
**Bare Root**

5 ft., whip  
6 ft., whip  
7 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched

**Container**

#10 1" caliper  
#15 1¼" caliper  
#20 1½" caliper  
#25 1¾" caliper

*Acer platanoides* 'Drummondii'  
**Silver Variegated Maple**



**Zone:** 4  
**Height:** 35'  
**Spread:** 25'  
**Shape:** Broadly oval  
**Foliage:** Variegated, light green with creamy white margin  
**Fall Color:** Yellow

**Bare Root**

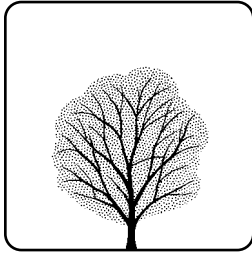
6 ft., branched  
1" cal., branched  
1¼" cal., branched



This icon in the lower right hand corner of the illustrations indicates that the variety is also grown as a specimen tree. See page 87 for details.

***Acer pseudosieboldianum***  
(Korean Maple)

*Acer pseudosieboldianum*  
**Korean Maple**



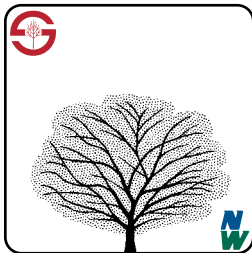
**Zone:** 4  
**Height:** 22'  
**Spread:** 18'  
**Shape:** Upright to upright spreading  
**Foliage:** Green  
**Fall Color:** Yellow-orange to bright red

**Bare Root**  
2 foot, multi-stem  
3 foot, multi-stem



*Acer pseudosieboldianum* × *palm.* 'Hasselkus'  
**Northern Glow® Maple**

Royalty \$1.50



**Zone:** 4  
**Height:** 20'  
**Spread:** 24'  
**Shape:** Upright, then broadly spreading  
**Foliage:** Green  
**Fall Color:** Bright orange-red to deep red

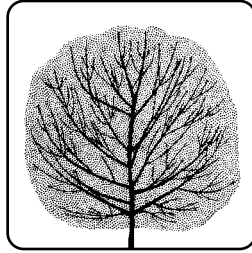
**Bare Root**  
3 foot, multi-stem  
4 foot, multi-stem  
5 foot, multi-stem

**B & B**  
4 foot, multi-stem  
5 foot, multi-stem  
6 foot, multi-stem

**Container**  
#10 multi-stem  
#20 4 foot, multi-stem  
#25 5 foot, multi-stem  
#25 6 foot, multi-stem  
#25 7 foot, multi-stem

***Acer rubrum*** (Red Maple)

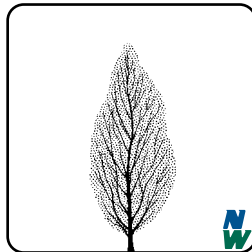
*Acer rubrum*  
**Red Maple**



**Zone:** 4  
**Height:** 40'  
**Spread:** 40'  
**Shape:** Broadly oval to round  
**Foliage:** Green  
**Fall Color:** Yellow orange to bright red

**Bare Root**  
5 ft., whip  
6 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched

*Acer rubrum* 'Armstrong'  
**Armstrong Maple**



**Zone:** 4  
**Height:** 45'  
**Spread:** 15'  
**Shape:** Narrow, fastigate  
**Foliage:** Light green  
**Fall Color:** Yellow to orange-red

**Bare Root**  
5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
9 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched

**Container**  
#7  
#15 1¼" caliper  
#20 1½" caliper  
#25 1¾" caliper

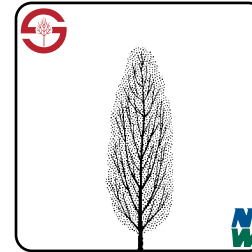


**Brandywine Maple**



*Acer rubrum* 'JFS-KW78' PP 25301  
**Armstrong Gold® Maple**

Royalty \$2.00



**Zone:** 4  
**Height:** 40'  
**Spread:** 12'  
**Shape:** Narrow, tightly fastigate  
**Foliage:** Medium green  
**Fall Color:** Golden to orange

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
5 ft., branched  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched

**Bare Root (low branch)**

4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
4 ft., branched  
5 ft., branched  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched

**Container**

#3  
#5  
#7  
#15 1¼" caliper  
#20 1½" caliper  
#10 1" caliper, low branch  
#15 1¼" caliper, low branch  
#20 1½" caliper, low branch  
#25 1¾" caliper, low branch

*Acer rubrum* 'Bowhall'  
**Bowhall Maple**



**Zone:** 4  
**Height:** 40'  
**Spread:** 15'  
**Shape:** Upright, very narrow  
**Foliage:** Medium green  
**Fall Color:** Yellow-orange to reddish-orange

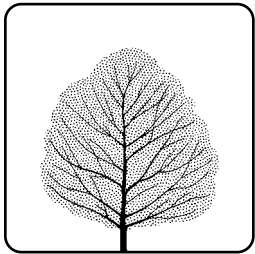
**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched

**Container**

- #10 1" caliper
- #15 1¼" caliper
- #20 1½" caliper

*Acer rubrum* 'Brandywine'  
**Brandywine Maple**



**Zone:** 4  
**Height:** 40'  
**Spread:** 30'  
**Shape:** Oval  
**Foliage:** Dark green  
**Fall Color:** Deep red  
**Fruit:** Seedless

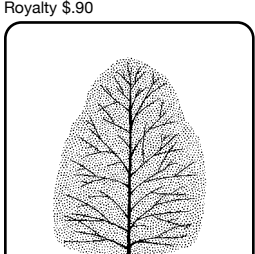
**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched

**Container**

- #3
- #5
- #7

*Acer rubrum* 'Magnificent Magenta'  
**Burgundy Belle® Maple**

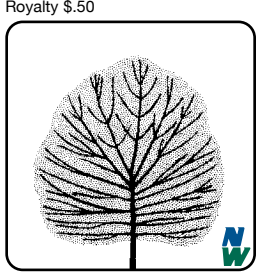


**Zone:** 5  
**Height:** 45'  
**Spread:** 40'  
**Shape:** Oval to rounded  
**Foliage:** Dark green  
**Fall Color:** Deep burgundy

**Bare Root**

- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched

*Acer rubrum* 'October Glory'  
**October Glory® Maple**



Royalty \$.50  
**Zone:** 5  
**Height:** 40'  
**Spread:** 35'  
**Shape:** Broadly oval to round  
**Foliage:** Medium green, glossy  
**Fall Color:** Deep red to reddish-purple

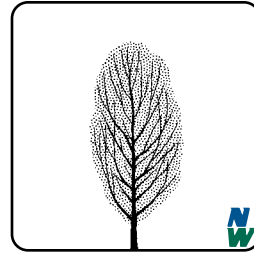
**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 5 ft., branched (1 year)
- 6 ft., branched (1 year)
- 7 ft., branched (1 year)
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched

**Container**

- #3
- #5
- #7
- #15 1¼" caliper
- #20 1½" caliper
- #25 1¾" caliper

*Acer rubrum* 'Red Rocket'  
**Red Rocket Maple**



**Zone:** 3  
**Height:** 38'  
**Spread:** 15'  
**Shape:** Upright, narrow  
**Foliage:** Green  
**Fall Color:** Orange red to red  
**Fruit:** Seedless

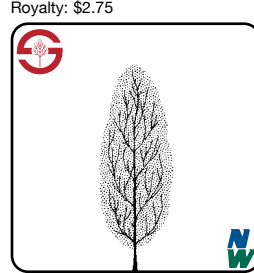
**Bare Root**

- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched

**Container**

- #10 1" caliper

*Acer rubrum* 'WW Warren' PP 36538  
**Red Sentinel® Maple**



Royalty: \$2.75  
**Zone:** 5  
**Height:** 40'  
**Spread:** 18'  
**Shape:** Narrow, tightly fastigate  
**Foliage:** Medium green  
**Fall Color:** Bright red

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 6 ft., branched (1 year)
- 4 ft., branched
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched

**Bare Root (low branch)**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched


**Container**

- #3
- #7
- #10 1" caliper
- #15 1¼" caliper
- #20 1½" caliper
- #10 1" caliper, low branch

**RED SENTINEL® MAPLE**

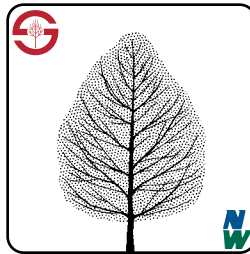


Red Sentinel® Maple makes magic in every season. Green leaves emerge in spring and stay fresh and healthy through the summer months. In autumn, they take fall color to new heights by transforming this stately tree into a dense pillar of fiery red foliage.

 This icon in the lower right hand corner of the illustrations indicates that the variety is also grown as a specimen tree. See page 87 for details.



Acer rubrum 'Frank Jr.'  
**Redpointe® Maple**  
Royalty \$2.00



**Zone:** 5  
**Height:** 45'  
**Spread:** 30'  
**Shape:** Broadly pyramidal  
**Foliage:** Dark green  
**Fall Color:** Bright red

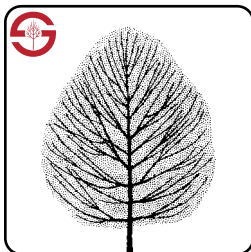
**Bare Root**

4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
5 ft., branched (1 year)  
6 ft., branched (1 year)  
7 ft., branched (1 year)  
5 ft., branched  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched  
2" cal., branched  
3 foot, multi-stem  
4 foot, multi-stem  
5 foot, multi-stem

**Container**

#3  
#5  
#7  
#10 1" caliper  
#10 1¼" caliper  
#15 1¼" caliper  
#15 1½" caliper  
#20 1½" caliper  
#25 1¾" caliper  
#25 2" caliper  
#35 2" caliper

Acer rubrum 'Franksred'  
**Red Sunset® Maple**  
Royalty \$1.00



**Zone:** 4  
**Height:** 45'  
**Spread:** 35'  
**Shape:** Upright branching, oval  
**Foliage:** Dark green, glossy  
**Fall Color:** Brilliant orange-red to red

**Bare Root**

4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
5 ft., branched (1 year)  
6 ft., branched (1 year)  
7 ft., branched (1 year)  
5 ft., branched  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched

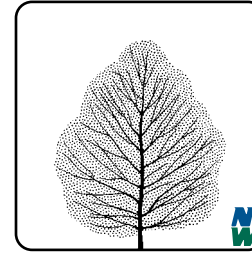
**Container**

#3  
#5  
#7  
#10 1" caliper  
#15 1¼" caliper  
#20 1½" caliper



Red Sunset® Maple

Acer rubrum 'Sun Valley'  
**Sun Valley Maple**



**Zone:** 5b  
**Height:** 40'  
**Spread:** 35'  
**Shape:** Oval, symmetrical, densely branched  
**Foliage:** Dark green  
**Fall Color:** Bright red  
**Fruit:** Seedless

**Bare Root**

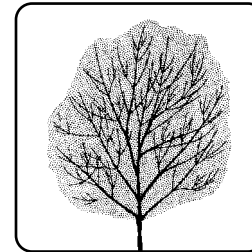
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
5 ft., branched  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched

**Container**

#7  
#15 1¼" caliper  
#20 1½" caliper  
#25 1¾" caliper

## Acer saccharinum (Silver Maple)

Acer saccharinum  
**Silver Maple**

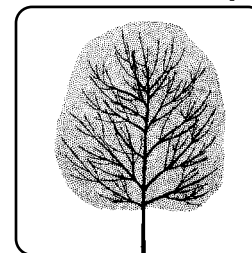


**Zone:** 3  
**Height:** 55'  
**Spread:** 45'  
**Shape:** Oval with strong upright spreading branches, becoming vase shaped with age  
**Foliage:** Medium green above, silvery beneath  
**Fall Color:** Yellow

**Container**

#3  
3VL VigorLiner®

Acer saccharinum 'Silver Queen'  
**Silver Queen Maple**



**Zone:** 3  
**Height:** 50'  
**Spread:** 40'  
**Shape:** Oval with upright spreading branches  
**Foliage:** Medium green above, silvery beneath  
**Fall Color:** Yellow  
**Fruit:** Seedless

**Bare Root**

5 ft., whip  
6 ft., whip  
7 ft., whip  
6 ft., branched  
1" cal., branched

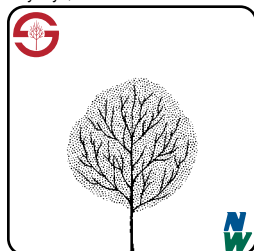
**Container**

#15 1¼" caliper

*Acer saccharinum* 'JFS H1'

**Symatree® Maple**

Royalty \$2.00



**Zone:** 3  
**Height:** 30'  
**Spread:** 20'  
**Shape:** Upright oval  
**Foliage:** Light green, silvery beneath  
**Fall Color:** Bright yellow to burgundy red  
**Fruit:** None observed

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched

**Container**

- #7
- #10 1" caliper
- #15 1½" caliper

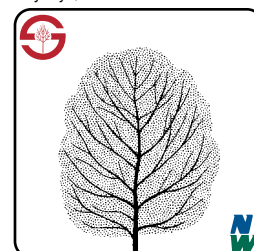


**Autumn Fest® Maple**

*Acer saccharum* 'JFS-KW8' PP 22034

**Autumn Fest® Maple**

Royalty \$1.50



**Zone:** 4  
**Height:** 50'  
**Spread:** 35'  
**Shape:** Upright oval  
**Foliage:** Dark green  
**Fall Color:** Orange red to red

**Bare Root**

- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched

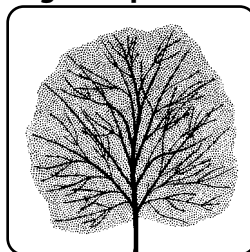
**Container**

- #7
- #10 1" caliper
- #15 1¼" caliper
- #20 1½" caliper

***Acer saccharum* (Sugar Maple)**

*Acer saccharum*

**Sugar Maple**



**Zone:** 4  
**Height:** 45'  
**Spread:** 40'  
**Shape:** Upright oval to rounded  
**Foliage:** Medium green  
**Fall Color:** Orange, red and scarlet

**Bare Root**

- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched

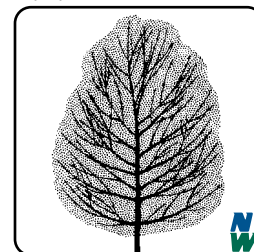
**Container**

- #5
- #7

*Acer saccharum* 'Commemoration'

**Commemoration® Maple**

Royalty \$.50



**Zone:** 4  
**Height:** 50'  
**Spread:** 35'  
**Shape:** Oval to rounded  
**Foliage:** Thick, dark green, glossy  
**Fall Color:** Orange to orange-red

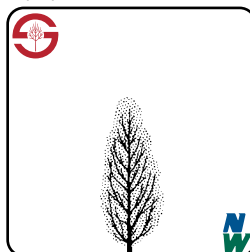
**Bare Root**

- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 6 ft., branched
- 1" cal., branched

*Acer saccharum* 'Barrett Cole'

**Apollo® Maple**

Royalty \$1.50



**Zone:** 4  
**Height:** 30'  
**Spread:** 10'  
**Shape:** Narrow, columnar  
**Foliage:** Dark green  
**Fall Color:** Yellow-orange to red

**INSECT RESISTANCE:** Japanese beetle

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched

**Container**

- #20 1½" caliper
- #25 1¾" caliper



**Apollo® Maple**

**SYMATREE®  
MAPLE**



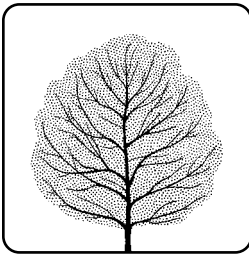
A Silver Maple like no other, this uniquely compact, symmetrical tree is storm-resilient and adaptable to challenging urban growing conditions.



Fall Fiesta® Maple

*Acer saccharum* 'Morton'  
**Crescendo™ Maple**

Royalty \$.60

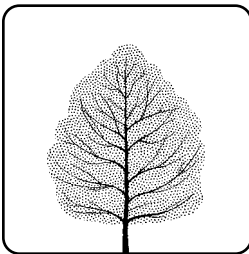


**Zone:** 4  
**Height:** 45'  
**Spread:** 40'  
**Shape:** Broadly oval  
**Foliage:** Dark green  
**Fall Color:** Orange red to bright red

**Bare Root**  
6 ft., branched  
1" cal., branched

*Acer saccharum* 'Bailsta'  
**Fall Fiesta® Maple**

Royalty \$1.00



**Zone:** 4  
**Height:** 50'  
**Spread:** 40'  
**Shape:** Broadly ovate  
**Foliage:** Dark green  
**Fall Color:** Orange, red, and yellow

**INSECT RESISTANCE:** Japanese beetle

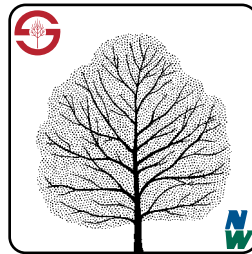
**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
5 ft., branched  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched

**Container**  
#5  
#7  
#10 1" caliper  
#15 1¼" caliper  
#20 1½" caliper  
#25 1¾" caliper

*Acer saccharum* 'JFS-Caddo2' PP 23361

**Flashfire® Maple**

Royalty \$1.50



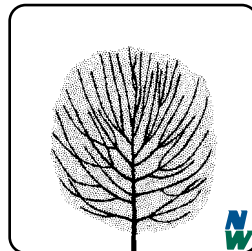
**Zone:** 4  
**Height:** 45'  
**Spread:** 40'  
**Shape:** Broadly oval  
**Foliage:** Dark green  
**Fall Color:** Bright red

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
5 ft., branched  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched

**Container**  
#5  
#7  
#10 1" caliper  
#15 1¼" caliper  
#20 1½" caliper  
#25 1¾" caliper  
#25 2" caliper

*Acer saccharum* 'Green Mountain'  
**Green Mountain® Maple**

Royalty \$.50



**Zone:** 3  
**Height:** 50'  
**Spread:** 40'  
**Shape:** Broadly oval  
**Foliage:** Dark green  
**Fall Color:** Reddish-orange to red

**INSECT RESISTANCE:** Japanese beetle

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
9 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched

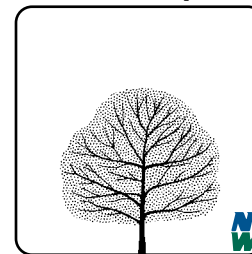
**Container**  
3VL VigorLiner®  
#5  
#7  
#15 1¼" caliper  
#20 1½" caliper  
#25 1¾" caliper



Dark green, heat resistant leaves cast cool summer shade before turning the brightest red color of any sugar maple adapted to Southern growing conditions.

Vigorous growth, open branch angles, a strong central leader and improved mildew resistance recommend it as the best of the cultivars originating from seed collected in the Caddo Mountains of western Oklahoma.

*Acer saccharum* 'John Pair'  
**John Pair Maple**



**Zone:** 5  
**Height:** 30'  
**Spread:** 30'  
**Shape:** Rounded  
**Foliage:** Glossy green  
**Fall Color:** Red

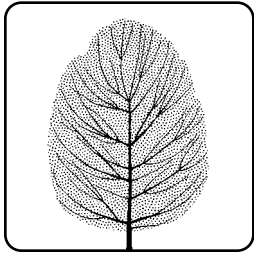
**Bare Root**  
5 ft., branched  
6 ft., branched  
1" cal., branched

**Container**  
#7  
#10 1" caliper  
#15 1¼" caliper  
#20 1½" caliper  
#25 1¾" caliper



This icon in the lower right hand corner of the illustrations indicates that the variety is also grown as a specimen tree. See page 87 for details.

*Acer saccharum* 'Legacy'  
**Legacy® Maple**  
Royalty \$0.50



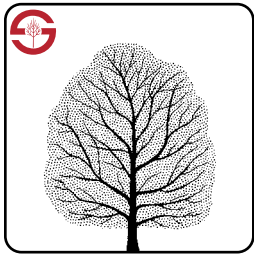
**Zone:** 5  
**Height:** 50'  
**Spread:** 35'  
**Shape:** Oval  
**Foliage:** Glossy dark green  
**Fall Color:** Reddish-orange to red

**INSECT RESISTANCE:** Japanese beetle

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched

*Acer saccharum* 'Hiawatha 1'  
**Oregon Trail® Maple**  
Royalty \$1.50

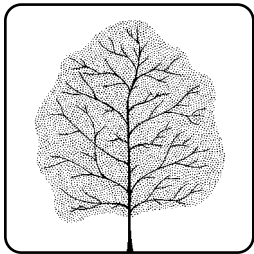


**Zone:** 5  
**Height:** 45'  
**Spread:** 40'  
**Shape:** Broadly oval to rounded  
**Foliage:** Dark green  
**Fall Color:** Orange red to red

**Bare Root**

- 6 ft., branched
- 1" cal., branched

*Acer saccharum* 'Whit XLIX' PP 23957  
**Powder Keg® Maple**  
Royalty \$0.75



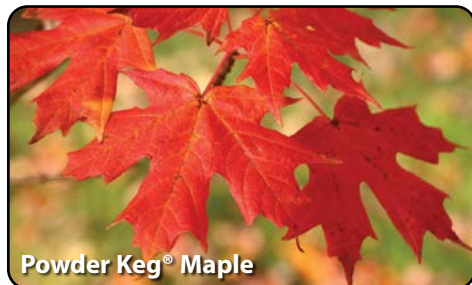
**Zone:** 5  
**Height:** 50'  
**Spread:** 40'  
**Shape:** Upright oval becoming rounded  
**Foliage:** Dark green, leathery  
**Fall Color:** Bright orange-red

**Bare Root**

- 5 ft., branched
- 6 ft., branched
- 1" cal., branched

**Container**

- #10 1" caliper
- #15 1¼" caliper



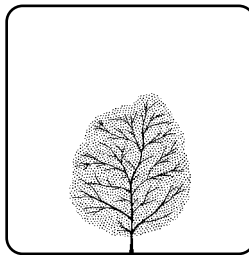
**Powder Keg® Maple**



**Moonrise® Full Moon Maple**

**Acer shirasawanum**  
(Full Moon Maple)

*Acer shirasawanum* 'Munn 001'  
**Moonrise® Full Moon Maple**  
Royalty \$1.00



**Zone:** 5  
**Height:** 18'  
**Spread:** 10'  
**Shape:** Upright oval  
**Foliage:** Orange maturing to lime green  
**Fall Color:** Medley of red, orange, gold, green

**B & B**

- 3 foot, multi-stem
- 4 foot, multi-stem
- 5 foot, multi-stem

**Container**

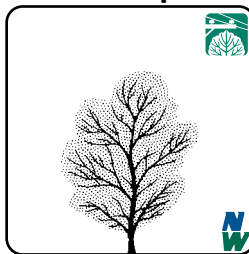
- #7 multi-stem



**Hot Wings® Maple**

**Acer tataricum** (Tatarian Maple)

*Acer tataricum*  
**Tatarian Maple**



**Zone:** 3  
**Height:** 25'  
**Spread:** 20'  
**Shape:** Oval to rounded, often low branched  
**Foliage:** Medium green  
**Fall Color:** Yellow to orange-red  
**Fruit:** Attractive red samaras

**Bare Root**

- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched

*Acer tataricum* 'GarAnn'  
**Hot Wings® Maple**  
Royalty \$1.09



**Zone:** 3  
**Height:** 20'  
**Spread:** 24'  
**Shape:** Rounded, spreading  
**Foliage:** Medium green  
**Fall Color:** Yellow to red  
**Flower:** White, clusters in May  
**Fruit:** Bright red samaras

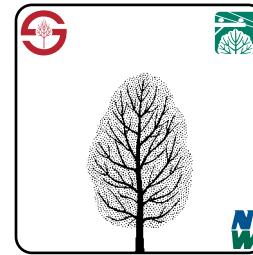
**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched
- 3 foot, multi-stem
- 4 foot, multi-stem
- 5 foot, multi-stem
- 6 foot, multi-stem

**Container**

- #3
- #7
- #10 6 foot
- #10 1" caliper
- #15 1¼" caliper
- #20 1½" caliper
- #25 1¾" caliper
- #5 multi-stem
- #7 multi-stem
- #15 5 foot, multi-stem
- #20 6 foot, multi-stem

*Acer tataricum* 'JFS-KW2'  
**Rugged Charm® Maple**  
Royalty \$1.25



**Zone:** 3  
**Height:** 28'  
**Spread:** 15'  
**Shape:** Compact upright oval  
**Foliage:** Medium green  
**Fall Color:** Yellow-orange to red  
**Flowers:** White clusters in May  
**Fruit:** Attractive red samaras

**Bare Root**

- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 6 ft., branched
- 1" cal., branched

**Container**

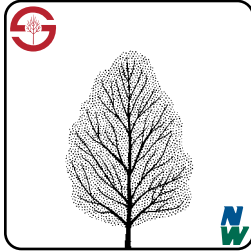
- #7

***Acer truncatum***  
(Shantung Maple)

*Acer truncatum* × *A. plat.* 'JFS-KW202' PP 21838

**Crimson Sunset® Maple**

Royalty \$2.00



**Zone:** 4  
**Height:** 35'  
**Spread:** 25'  
**Shape:** Upright oval  
**Foliage:** Deep purple  
**Fall Color:** Maroon to reddish bronze

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched
- 1¾" cal., branched

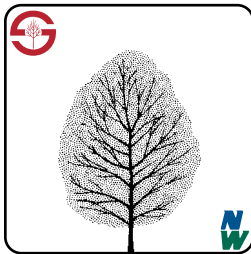
**Container**

- #5
- #7
- #15 1¼" caliper
- #20 1½" caliper
- #25 1¾" caliper
- #20 2" caliper
- #25 2" caliper
- #35 2" caliper

*Acer truncatum* × *A. plat.* 'Keithsform'

**Norwegian Sunset® Maple**

Royalty \$1.50



**Zone:** 4b  
**Height:** 35'  
**Spread:** 25'  
**Shape:** Oval  
**Foliage:** Dark green, glossy  
**Fall Color:** Yellow-orange to red

**INSECT RESISTANCE:** Japanese beetle

**Bare Root**

- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched

**Container**

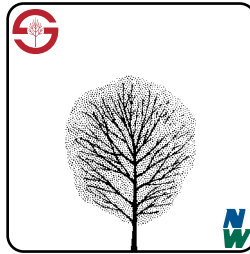
- #5
- #7
- #10 1" caliper
- #15 1¼" caliper
- #20 1½" caliper
- #25 1¾" caliper



*Acer truncatum* × *A. plat.* 'Warrenred'

**Pacific Sunset® Maple**

Royalty \$1.50



**Zone:** 4b  
**Height:** 30'  
**Spread:** 25'  
**Shape:** Upright spreading, rounded crown  
**Foliage:** Dark green, smooth, very glossy  
**Fall Color:** Yellow-orange to bright red

**INSECT RESISTANCE:** Japanese beetle

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched
- 1¾" cal., branched
- 2" cal., branched

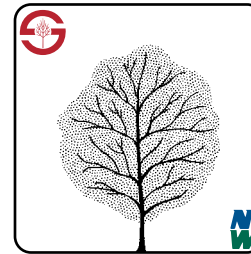
**Container**

- #5
- #15 1¼" caliper
- #20 1½" caliper
- #25 1½" caliper
- #25 1¾" caliper
- #25 2" caliper

*Acer truncatum* × *A. plat.* 'JFS-KW249' PP 27985

**Ruby Sunset® Maple**

Royalty \$2.00



**Zone:** 4b  
**Height:** 25'  
**Spread:** 20'  
**Shape:** Broadly oval to rounded  
**Foliage:** Dark green, glossy  
**Fall Color:** Deep red

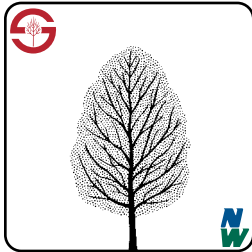
**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched
- 1¾" cal., branched

**Container**

- #5
- #7
- #10 1" caliper
- #15 1¼" caliper
- #20 1½" caliper
- #25 1¾" caliper

*Acer truncatum* × *A. plat.* 'JFS-KW187' PP 27545  
**Urban Sunset® Maple**  
Royalty \$2.00



**Zone:** 5  
**Height:** 35'  
**Spread:** 20'  
**Shape:** Narrow pyramidal to upright oval  
**Foliage:** Dark green, glossy  
**Fall Color:** Deep red

- Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched  
2" cal., branched

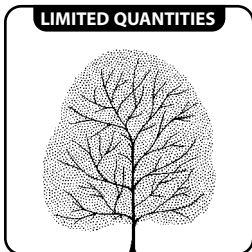
- Container**  
#7  
#15 1¼" caliper  
#20 1½" caliper  
#25 1¾" caliper  
#25 2" caliper



Early Glow™ Buckeye

**Aesculus** (Buckeye)

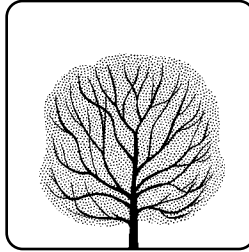
*Aesculus glabra* 'JN Select'  
**Early Glow™ Buckeye**  
Royalty: \$1.00



**Zone:** 3  
**Height:** 35'  
**Spread:** 35'  
**Shape:** Oval, rounded with age  
**Foliage:** Dark green, palmately compound  
**Fall Color:** Orange-red  
**Flower:** Yellow-green, upright stalks  
**Fruit:** Sparse

- Bare Root**  
5 ft., whip  
6 ft., whip  
1" cal., branched  
1¼" cal., branched

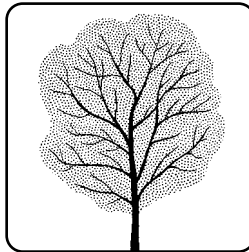
*Aesculus glabra*  
**Ohio Buckeye**



**Zone:** 4  
**Height:** 35'  
**Spread:** 30'  
**Shape:** Broadly oval to rounded  
**Foliage:** Dark green, palmately compound  
**Fall Color:** Yellow to orange-red  
**Flower:** Greenish yellow, in 6" panicles

- Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
1¼" cal., branched  
1½" cal., branched

*Aesculus flava*  
**Yellow Buckeye**

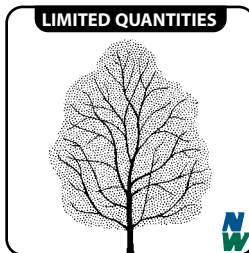


**Zone:** 4  
**Height:** 60'  
**Spread:** 45'  
**Shape:** Upright oval  
**Foliage:** Dark green, palmately compound  
**Fall Color:** Yellow-orange  
**Flower:** Yellow, in 7" long clusters

- Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched

**Aesculus** (Horsechestnut)

*Aesculus hippocastanum* 'Baumannii'  
**Baumann Double Horsechestnut**



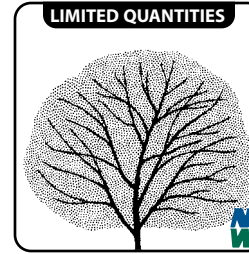
**Zone:** 4  
**Height:** 50'  
**Spread:** 40'  
**Shape:** Broadly oval  
**Foliage:** Dark green, palmately compound  
**Fall Color:** Yellow  
**Flower:** Large double white upright panicles  
**Fruit:** Seedless

- Bare Root**  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched



Baumann Double Horsechestnut

*Aesculus* × *carnea* 'Briotii'  
**Briotii Red Horsechestnut**



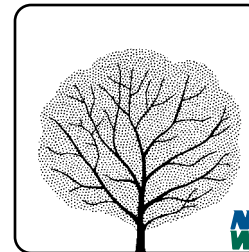
**Zone:** 4  
**Height:** 30'  
**Spread:** 35'  
**Shape:** Round  
**Foliage:** Dark green, palmately compound  
**Flower:** Red, in 10" long clusters

- Bare Root**  
1" cal., branched  
1¼" cal., branched



Fort McNair Horsechestnut

*Aesculus* × *carnea* 'Fort McNair'  
**Fort McNair Horsechestnut**



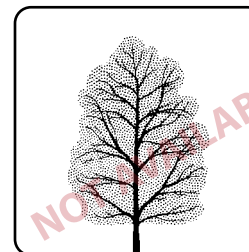
**Zone:** 4  
**Height:** 32'  
**Spread:** 40'  
**Shape:** Rounded  
**Foliage:** Dark green, palmately compound  
**Fall Color:** Yellow  
**Flower:** Pink with yellow throat, in panicles

- Bare Root**  
5 ft., whip  
6 ft., whip  
7 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched

- Container**  
#15 1¼" caliper

**Alnus** (Alder)

*Alnus glutinosa*  
**Black Alder**



**Zone:** 4  
**Height:** 50'  
**Spread:** 30'  
**Shape:** Broadly pyramidal  
**Foliage:** Dark green

NOT AVAILABLE 2027

**Amelanchier** (Serviceberry)

*Amelanchier alnifolia* 'Obelisk'  
**Standing Ovation™ Serviceberry**

Royalty \$1.00



**Zone:** 3  
**Height:** 15'  
**Spread:** 7'  
**Shape:** Upright, narrow  
**Foliage:** Green, rounded  
**Fall Color:** Orange to red  
**Flower:** White  
**Fruit:** Edible, purple blue, 3/8"

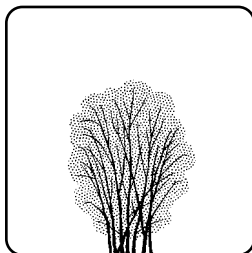
**Bare Root**

- 3 foot, multi-stem
- 4 foot, multi-stem
- 5 foot, multi-stem



**Standing Ovation™ Serviceberry**

*Amelanchier canadensis*  
**Shadblow Serviceberry**



**Zone:** 3  
**Height:** 18'  
**Spread:** 10'  
**Shape:** Multi-stemmed shrub  
**Foliage:** Green  
**Fall Color:** Yellow to red  
**Flower:** White, small, in clusters  
**Fruit:** Edible, purplish blue, 3/8"

**Bare Root**

- 2 foot, multi-stem
- 3 foot, multi-stem
- 4 foot, multi-stem



**Autumn Brilliance® Serviceberry**

*Amelanchier × grandiflora* 'Autumn Brilliance'  
**Autumn Brilliance® Serviceberry**

Royalty \$.75



**Zone:** 4  
**Height:** 20'  
**Spread:** 15'  
**Shape:** Upright, moderately spreading  
**Foliage:** Medium green  
**Fall Color:** Bright red  
**Flower:** White, in clusters  
**Fruit:** Edible, purplish blue, 1/4"

**Bare Root**

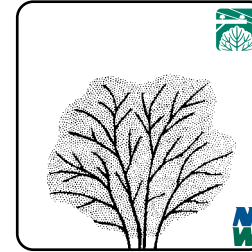
- 3 ft., whip
- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 4 ft., branched
- 5 ft., branched
- 6 ft., branched
- 7 ft., branched
- 1" cal., branched
- 1 1/4" cal., branched
- 1 1/2" cal., branched
- 1 3/4" cal., branched
- 2 foot, multi-stem
- 3 foot, multi-stem
- 4 foot, multi-stem
- 5 foot, multi-stem
- 6 foot, multi-stem
- 7 foot, multi-stem

**Container**

- #5
- #7
- #10 1" caliper
- #15 1 1/4" caliper
- #20 1 1/2" caliper
- #25 1 3/4" caliper
- #25 2" caliper
- #3 multi-stem
- #5 multi-stem
- #7 multi-stem
- #10 multi-stem
- #15 5 foot, multi-stem
- #20 7 foot, multi-stem

Schmidt Introduction see page 5  
 UTILITREES selection see page 92  
 Caliper Specimens Available see page 87

*Amelanchier grandiflora* 'Princess Diana'  
**Princess Diana Serviceberry**



**Zone:** 3  
**Height:** 20'  
**Spread:** 15'  
**Shape:** Gracefully spreading  
**Foliage:** Small, green  
**Fall Color:** Brilliant red  
**Flower:** White, in clusters  
**Fruit:** Edible, purplish blue, 3/8"

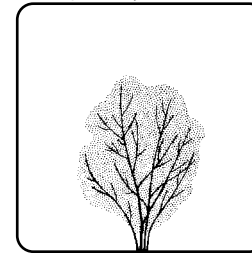
**Bare Root**

- 4 ft., branched
- 5 ft., branched
- 6 ft., branched
- 2 foot, multi-stem
- 3 foot, multi-stem
- 4 foot, multi-stem
- 5 foot, multi-stem

**Container**

- #5 multi-stem

*Amelanchier laevis*  
**Allegheny Serviceberry**



**Zone:** 4  
**Height:** 25'  
**Spread:** 15'  
**Shape:** Upright, oval, irregular  
**Foliage:** Small, green  
**Fall Color:** Orange  
**Flower:** White, in clusters  
**Fruit:** Edible, purplish blue, 3/8"

**Bare Root**

- 5 ft., whip
- 4 ft., branched
- 5 ft., branched
- 6 ft., branched
- 4 foot, multi-stem
- 5 foot, multi-stem
- 6 foot, multi-stem

**Container**

- #10 multi-stem
- #15 5 foot, multi-stem

*Amelanchier laevis* 'Snowcloud'  
**Snowcloud Serviceberry**

Royalty \$.75



**Zone:** 4  
**Height:** 28'  
**Spread:** 20'  
**Shape:** Upright, oval, good tree form  
**Foliage:** Dark green, red tint in spring  
**Fall Color:** Scarlet  
**Flower:** White in clusters  
**Fruit:** Edible, 3/8", purplish blue

**Bare Root**

- 5 ft., branched
- 6 ft., branched
- 7 ft., branched

**Container**

- #7
- #10 1" caliper

*Amelanchier laevis* 'JFS-Arb'  
**Spring Flurry® Serviceberry**

Royalty \$1.50



**Zone:** 4  
**Height:** 28'  
**Spread:** 20'  
**Shape:** Upright oval  
**Foliage:** Medium green  
**Fall Color:** Orange  
**Flower:** White, in clusters  
**Fruit:** Edible, purplish blue, 3/8"

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 4 ft., branched
- 5 ft., branched
- 6 ft., branched
- 7 ft., branched
- 1" cal., branched
- 1 1/4" cal., branched

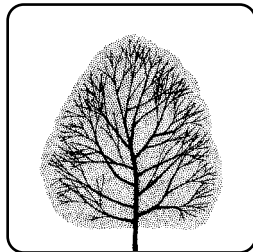
**Container**

- #5
- #7
- #10 1" caliper



Spring Flurry® Serviceberry

*Betula nigra*  
**River Birch**



**Zone:** 4  
**Height:** 40'  
**Spread:** 35'  
**Shape:** Broadly pyramidal to rounded  
**Foliage:** Medium to dark green  
**Fall Color:** Yellow to gold

**INSECT RESISTANCE:**

Bronze birch borer, Japanese beetle

**Bare Root**

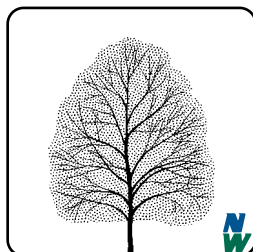
- 4 ft., branched
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 3 foot, Singles for Clmp
- 4 foot, Singles for Clmp

**Container**

- #5
- 3RP VigorLiner®, clump
- #5 clump

*Betula nigra* 'Cully'  
**Heritage® Birch**

Royalty \$.75 (Singles for clumping \$.25 each)



**Zone:** 4  
**Height:** 40'  
**Spread:** 30'  
**Shape:** Broadly pyramidal  
**Foliage:** Light green, glossy  
**Fall Color:** Yellow

**INSECT RESISTANCE:** Bronze birch borer

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 4 ft., branched
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 2 foot, Singles for Clmp
- 3 foot, Singles for Clmp
- 4 foot, Singles for Clmp

**Container**

- 3RP VigorLiner®, clump
- #5 clump
- #7 clump
- #10 clump
- #15 6 foot, clump



Heritage® Birch

**Birch Singles for Clumping**

Bare root birch liners designated as 'singles for clumping' are the best choice for growers aiming to develop finished clump-form trees that are vigorous and balanced in relation to the caliper of each stem. Graded by height and caliper, they can be planted in the field or in containers. The reduced royalty\* on each stem offers growers an affordable option for creating their own "style" of clump form birches by planting on preferred spacing in combinations of three, four or more. Because each sapling has its own root system and more room to develop, the resulting trees develop trunks of similar or equal caliper and a pleasing, natural-looking balance.



Heritage® Birch Singles for Clumping  
4 and 5 foot.



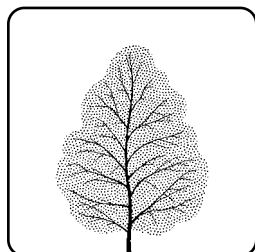
Newly containerized  
Singles for Clumping

\*Liners offered as 'Singles for Clumping' are to be used only for the purpose of growing clump-form trees.

**Betula** (Birch)

*Betula* 'Penci-2'  
**Royal Frost® Birch**

Royalty \$.25



**Zone:** 4  
**Height:** 40'  
**Spread:** 25'  
**Shape:** Pyramidal  
**Foliage:** Purple-bronze  
**Fall Color:** Yellow-orange to reddish

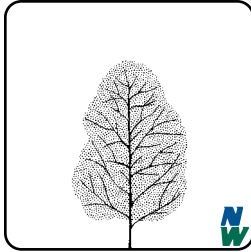
**INSECT RESISTANCE:** Japanese beetle

- Container**  
3RP VigorLiner®  
#5

*Betula nigra* 'Dickinson'

**Northern Tribute® Birch**

Royalty \$1.00 (Singles for clumping \$0.35 each)



**Zone:** 3  
**Height:** 35'  
**Spread:** 30'  
**Shape:** Upright oval  
**Foliage:** Lustrous dark green  
**Fall Color:** Yellow

**INSECT RESISTANCE:** Bronze birch borer

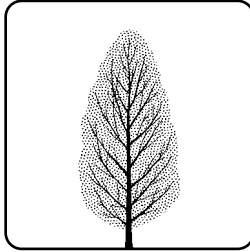
**Bare Root**

3 foot, Singles for Clmp  
4 foot, Singles for Clmp  
5 foot, Singles for Clmp

*Betula platyphylla* 'Fargo'

**Dakota Pinnacle® Birch**

Royalty \$1.50



**Zone:** 3  
**Height:** 40'  
**Spread:** 15'  
**Shape:** Narrowly pyramidal  
**Foliage:** Dark green  
**Fall Color:** Yellow

**INSECT RESISTANCE:** Japanese beetle

**Container**

3RP VigorLiner®  
#7



Northern Tribute® Birch

*Betula platyphylla* 'Jefpark' PP 25468

**Parkland Pillar™ Birch - First Editions®**

Royalty \$1.50



**Zone:** 3  
**Height:** 30'  
**Spread:** 8'  
**Shape:** Narrow, columnar  
**Foliage:** Dark green  
**Fall Color:** Yellow

**INSECT RESISTANCE:** Japanese Beetle

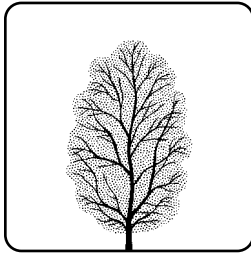
**Container**

3RP VigorLiner®  
#7  
#15 1" caliper  
#15 1¼" caliper  
#7 high head

*Betula papyrifera* 'Varen'

**Prairie Dream® Birch**

Royalty \$.55 per stem



**Zone:** 2b  
**Height:** 40'  
**Spread:** 25'  
**Shape:** Pyramidal to upright oval  
**Foliage:** Dark green  
**Fall Color:** Golden yellow

**INSECT RESISTANCE:** Bronze birch borer

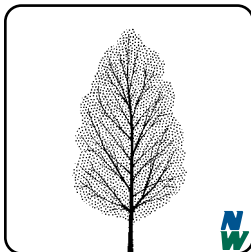
**Bare Root**

6 ft., whip  
7 ft., whip  
8 ft., whip  
5 ft., branched  
6 ft., branched  
1" cal., branched

*Betula papyrifera* 'Renci'

**Renaissance Reflection® Birch**

Royalty \$.75



**Zone:** 3  
**Height:** 50'  
**Spread:** 25'  
**Shape:** Upright pyramidal  
**Foliage:** Dark green  
**Fall Color:** Yellow

**INSECT RESISTANCE:** Bronze birch borer

**Container**

3RP VigorLiner®  
#7  
3RP VigorLiner®, clump  
#7 clump



Parkland Pillar™ Birch

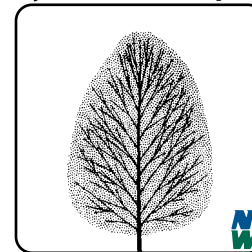
**Emerald Avenue**  
HORNBEAM

Deep green, handsomely corrugated leaves promise cool summer shade before turning golden yellow in autumn. A tough, adaptable tree with superior heat and drought tolerance.

**Carpinus** (Hornbeam)

*Carpinus betulus* 'Fastigiata'

**Pyramidal European Hornbeam**



**Zone:** 5  
**Height:** 35'  
**Spread:** 25'  
**Shape:** Dense and compact, narrow when young, becoming oval  
**Foliage:** Dark green  
**Fall Color:** Yellow

**Bare Root**

4 ft., whip  
5 ft., whip  
6 ft., whip  
4 ft., branched  
5 ft., branched  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched

**Root Bag**

6 ft., branched  
1" cal., branched  
1¼" cal., branched

**Container**

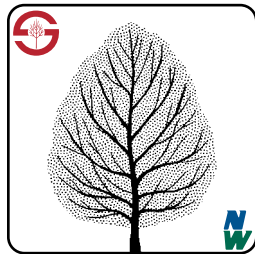
3RS VigorLiner®  
3RP VigorLiner®  
#5  
#10 6 foot  
#10 1" caliper  
#15 1¼" caliper  
#20 1½" caliper  
#25 1¾" caliper



Frans Fontaine Hornbeam

*Carpinus betulus* 'JFS-KW1CB' PP 22814  
**Emerald Avenue® Hornbeam**

Royalty \$1.75



**Zone:** 5  
**Height:** 40'  
**Spread:** 28'  
**Shape:** Broadly pyramidal to ovate  
**Foliage:** Deep green  
**Fall Color:** Yellow

**Bare Root**

- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched

**Bare Root (low branch)**


- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched

**Container**

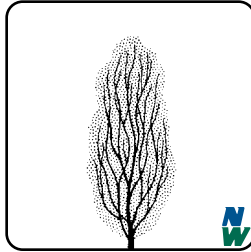
- #15 1¼" caliper
- #15 1¼" caliper, low branch



Lucas Columnar Hornbeam

 This icon in the lower right hand corner of the illustrations indicates that the variety is also grown as a specimen tree. See page 87 for details.

*Carpinus betulus* 'Frans Fontaine'  
**Frans Fontaine Hornbeam**



**Zone:** 5  
**Height:** 35'  
**Spread:** 15'  
**Shape:** Narrow, columnar  
**Foliage:** Dark green  
**Fall Color:** Yellow

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 4 ft., branched
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched
- 1¾" cal., branched
- 2" cal., branched

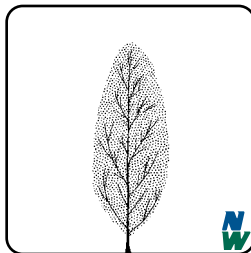
**Root Bag**

- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched

**Container**

- 3RS VigorLiner®
- 3RP VigorLiner®
- #3
- #5
- #7
- #10 6 foot
- #10 1" caliper
- #15 1¼" caliper
- #20 1½" caliper
- #25 1¾" caliper

*Carpinus betulus* 'Lucas'  
**Lucas Columnar Hornbeam**



**Zone:** 5  
**Height:** 30'  
**Spread:** 10'  
**Shape:** Narrow, columnar  
**Foliage:** Dark green, thick  
**Fall Color:** Brownish to golden yellow

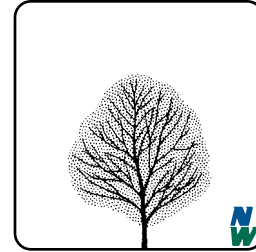
**Bare Root**

- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched

**Container**

- 3RS VigorLiner®

*Carpinus caroliniana*  
**American Hornbeam**  
syn. Blue Beech



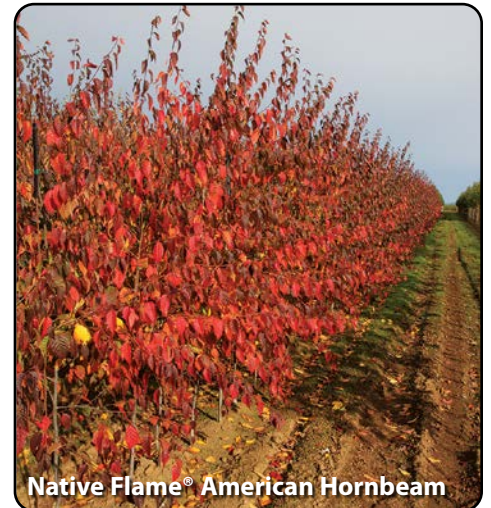
**Zone:** 4  
**Height:** 25'  
**Spread:** 20'  
**Shape:** Oval  
**Foliage:** Dark green  
**Fall Color:** Yellow to bright orange-red

**Bare Root**

- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched

**Container**

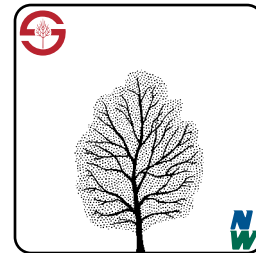
- #5
- #7
- #10 1" caliper
- #15 1¼" caliper



Native Flame® American Hornbeam

*Carpinus caroliniana* 'JFS-KW6'  
**Native Flame® American Hornbeam**

Royalty \$1.75



**Zone:** 5  
**Height:** 30'  
**Spread:** 20'  
**Shape:** Upright oval  
**Foliage:** Green  
**Fall Color:** Red

**Bare Root**

- 5 ft., whip
- 4 ft., branched
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched

**Container**

- #7
- #10 6 foot



Rising Fire® American Hornbeam

*Carpinus caroliniana* 'Uxbridge'  
**Rising Fire® American Hornbeam**  
Royalty \$1.75



**Zone:** 4  
**Height:** 30'  
**Spread:** 15'  
**Shape:** Upright, narrow  
**Foliage:** Medium green  
**Fall Color:** Red to orange

**Bare Root**  
5 ft., whip  
6 ft., whip  
4 ft., branched  
5 ft., branched  
6 ft., branched  
1" cal., branched

**Bare Root (low branch)**  
5 ft., branched  
6 ft., branched  
1" cal., branched

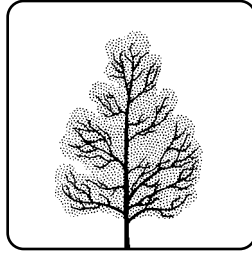
**Container**  
#10 6 foot



Heartland® Catalpa

**Catalpa**

*Catalpa speciosa*  
**Northern Catalpa**

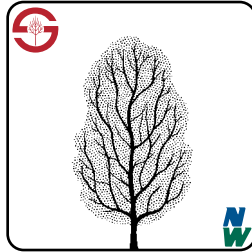


**Zone:** 5  
**Height:** 50'  
**Spread:** 35'  
**Shape:** Pyramidal with rounded top, open structure  
**Foliage:** Medium green, large leaves  
**Fall Color:** Yellow-green  
**Flower:** White, in large clusters

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
1" cal., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched

**Container**  
#10 1" caliper  
#15 1¼" caliper  
#20 1½" caliper  
#35 2" caliper

*Catalpa speciosa* 'Hiawatha 2'  
**Heartland® Catalpa**  
Royalty \$1.50



**Zone:** 5  
**Height:** 50'  
**Spread:** 25'  
**Shape:** Upright narrow oval  
**Foliage:** Dark green, large leaves  
**Fall Color:** Yellow-green  
**Flower:** White, in large clusters

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched

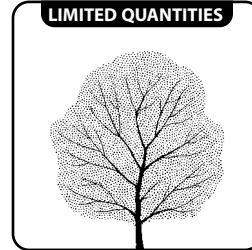
**Container**  
#15 1¼" caliper  
#20 1½" caliper  
#25 1½" caliper

Schmidt Introduction see page 5  
 UTILTREES selection see page 92  
 Caliper Specimens Available see page 87



Blue Atlas Cedar

*Catalpa x erubescens* 'Purpurea'  
**Purple Catalpa**



**Zone:** 5  
**Height:** 45'  
**Spread:** 40'  
**Shape:** Rounded  
**Foliage:** Purple in spring  
**Fall Color:** Yellow  
**Flower:** Large white panicles

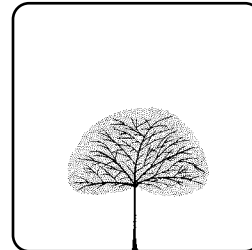
LIMITED QUANTITIES

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., branched  
1" cal., branched



Umbrella Catalpa

*Catalpa bignonioides* 'Nana'  
**Umbrella Catalpa**



**Zone:** 5  
**Height:** 15'  
**Spread:** 12'  
**Shape:** Umbrella  
**Foliage:** Dark green, heart-shaped

New '25

A dense crown and mature shape resembling an open umbrella inspire the name of this dwarf selection of Southern Catalpa. Top-grafted on a standard, it grows to become a broad-spreading, compact, mushroom-shaped ornamental tree.

**Container**  
#10 5' graft, #1 head

This icon in the lower right hand corner of the illustrations indicates that the variety is also grown as a specimen tree. See page 87 for details.

**Cedrus** (Blue Atlas Cedar)

*Cedrus atlantica* 'Glauca'

**Blue Atlas Cedar**



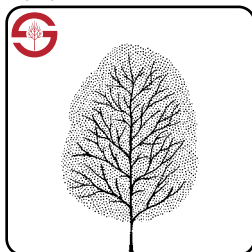
**Zone:** 6  
**Height:** 60'  
**Spread:** 40'  
**Shape:** Pyramidal, open  
**Foliage:** Silvery blue

**B & B**  
7 foot  
8 foot  
9 foot

**Container**  
#25 6 foot  
#35 7 foot  
#35 9 foot

*Celtis occidentalis* 'Jefsky'  
**DeltaSky™ Hackberry**

Royalty: \$1.75



**Zone:** 3  
**Height:** 35'  
**Spread:** 30'  
**Shape:** Upright oval  
**Foliage:** Dark green  
**Fall Color:** Yellow

This Hackberry was selected and tested by Jeffries Nurseries in Manitoba, Canada. It develops a tighter crown and is more upright than typical Hackberry seedlings. The dark green foliage holds up well to summer heat and the tree exhibits great hardiness and performance in cold climates.

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
5 ft., branched  
6 ft., branched

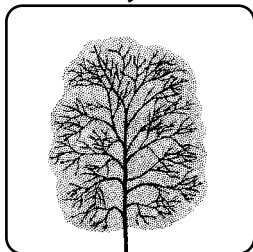
**PRAIRIE SENTINEL®**  
HACKBERRY



**Celtis** (Hackberry)

*Celtis occidentalis*

**Hackberry**



**Zone:** 3  
**Height:** 45'  
**Spread:** 35'  
**Shape:** Broad top with ascending, then arching branches  
**Foliage:** Light green  
**Fall Color:** Yellow

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
4 ft., branched  
5 ft., branched  
6 ft., branched  
1" cal., branched  
1¼" cal., branched

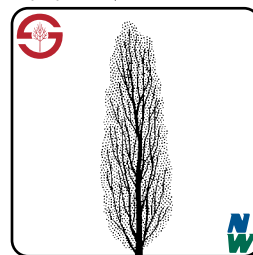


Hackberry

*Celtis occidentalis* 'JFS-KSU1'

**Prairie Sentinel® Hackberry**

Royalty \$1.75 | Part of the Sentinel® family of trees.



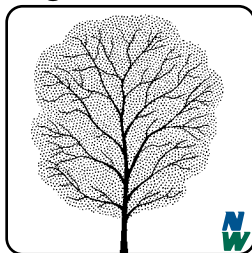
**Zone:** 4  
**Height:** 45'  
**Spread:** 12'  
**Shape:** Tightly fastigate, columnar  
**Foliage:** Medium green  
**Fall Color:** Yellow

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
4 ft., branched  
5 ft., branched  
6 ft., branched  
1" cal., branched

**Root Bag**  
5 ft., branched  
6 ft., branched  
1" cal., branched  
1¼" cal., branched

*Celtis* 'Magnifica'

**Magnifica Hackberry**

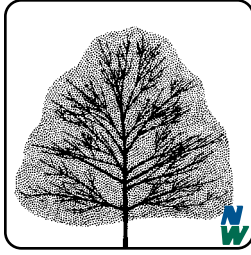


**Zone:** 5  
**Height:** 50'  
**Spread:** 40'  
**Shape:** Broadly oval to vase  
**Foliage:** Medium green  
**Fall Color:** Yellow

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
4 ft., branched  
5 ft., branched



Magnifica Hackberry

**Cercidiphyllum** (Katsura Tree)*Cercidiphyllum japonicum*  
**Katsura Tree**

**Zone:** 5  
**Height:** 40'  
**Spread:** 40'  
**Shape:** Upright and pyramidal when young, rounded with age  
**Foliage:** Bluish-green  
**Fall Color:** Yellow or apricot orange

**Bare Root**

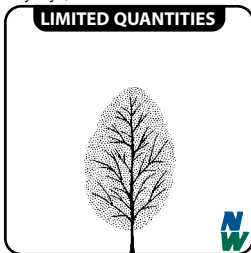
4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 4 ft., branched  
 5 ft., branched  
 6 ft., branched  
 7 ft., branched  
 1" cal., branched  
 1¼" cal., branched  
 1½" cal., branched  
 2 foot, multi-stem  
 3 foot, multi-stem  
 4 foot, multi-stem  
 5 foot, multi-stem

**Container**

3RP VigorLiner®  
 #15 1¼" caliper  
 #20 1½" caliper  
 #10 multi-stem  
 #15 5 foot, multi-stem

**Hanna's Heart® Katsura Tree***Cercidiphyllum japonicum* 'Biringer' PP 21711**Hanna's Heart® Katsura Tree**

Royalty \$1.00



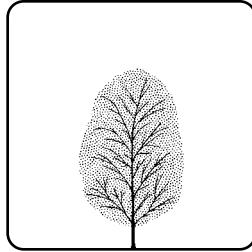
**Zone:** 4b  
**Height:** 27'  
**Spread:** 15'  
**Shape:** Upright oval  
**Foliage:** Dark green  
**Fall Color:** Yellow to orange

**Bare Root**

6 ft., branched  
 7 ft., branched  
 1" cal., branched

*Cercidiphyllum japonicum* 'Kooldak'  
**KoolKat® Katsura Tree**New  
'25

Royalty: \$2.00

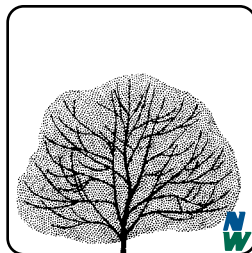


**Zone:** 3b  
**Height:** 35'  
**Spread:** 25'  
**Shape:** Pyramidal opening with age  
**Foliage:** Bronze changing to blue green  
**Fall Color:** Yellow

A very cold hardy selection of Katsura introduced by the North Dakota State research foundation. The tree has survived without damage in USDA Zone 3 at -37 °F. The foliage emerges a deep bronze color and the changes to blue green through the growing season until turning an apricot yellow in the early fall. Early fall dormancy helps with its winter hardiness.

**Bare Root**

4 ft., whip  
 6 ft., branched  
 7 ft., branched  
 1" cal., branched

**Cercis** (Redbud)*Cercis canadensis***Eastern Redbud**

**Zone:** 5  
**Height:** 25'  
**Spread:** 30'  
**Shape:** Multi-stem or low branching tree  
**Foliage:** Medium green  
**Fall Color:** Yellow  
**Flower:** Reddish purple in bud, rosy-pink when open

**Bare Root**

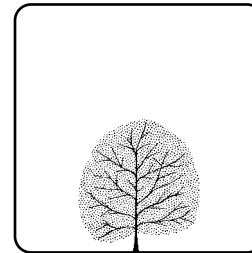
4 ft., branched  
 5 ft., branched  
 6 ft., branched  
 7 ft., branched  
 1" cal., branched  
 1¼" cal., branched  
 2 foot, multi-stem  
 3 foot, multi-stem  
 4 foot, multi-stem  
 5 foot, multi-stem  
 6 foot, multi-stem  
 7 foot, multi-stem

**Container**

#5  
 #7  
 #10 1" caliper  
 #15 1¼" caliper  
 #20 1½" caliper  
 #7 multi-stem  
 #10 multi-stem  
 #15 5 foot, multi-stem  
 #20 6 foot, multi-stem  
 #25 8 foot, multi-stem  
 #35 8 foot, multi-stem

**KoolKat® Katsura***Cercis canadensis* 'NC216-2' PP 31260**Flame Thrower® Redbud**

Royalty \$2.95



**Zone:** 5  
**Height:** 15'  
**Spread:** 15'  
**Shape:** Rounded  
**Foliage:** Multi-colors; red, orange, yellow, green  
**Fall Color:** Medley of reds, burgundy, yellow, orange  
**Flower:** Bright pink

**Bare Root**

4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 4 ft., branched  
 5 ft., branched  
 6 ft., branched  
 7 ft., branched  
 1" cal., branched

**B & B**

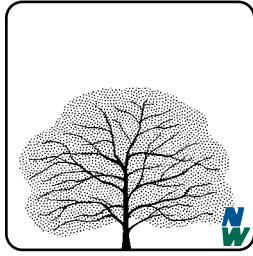
1¼" caliper  
 1½" caliper  
 1¾" caliper

**Container**

3RP VigorLiner®  
 #5  
 #10 1" caliper

**Flame Thrower® Redbud**

*Cercis canadensis* 'Forest Pansy'  
**Forest Pansy Redbud**



**Zone:** 5  
**Height:** 20'  
**Spread:** 25'  
**Shape:** Upright spreading branches, rounded  
**Foliage:** Deep purple paling to bronze-green  
**Fall Color:** Yellow orange  
**Flower:** Magenta rose

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
4 ft., branched  
5 ft., branched  
6 ft., branched  
1" cal., branched  
2 foot, multi-stem  
3 foot, multi-stem  
4 foot, multi-stem  
5 foot, multi-stem

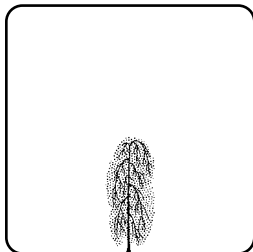
**B & B**  
1¼" caliper  
1½" caliper  
1¾" caliper  
2" caliper

**Container**  
3RP VigorLiner®  
#7  
#10 1" caliper  
#7 multi-stem



**Forest Pansy Redbud**

*Cercis canadensis* 'NC2015-12' PP 31658  
**Golden Falls® Redbud**

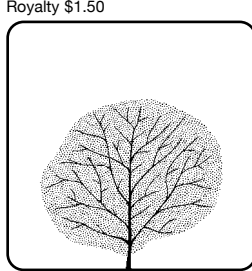


**Zone:** 5  
**Height:** 10'  
**Spread:** 4'  
**Shape:** Weeping  
**Foliage:** Golden yellow to lime green, heart shaped  
**Fall Color:** Golden yellow  
**Flower:** Lavender pink

**Bare Root**  
#1 head  
#1 light head

**Container**  
#7  
#10 #1 head  
#15 #1 head

*Cercis canadensis* 'UMN7101'  
**Heart's Desire™ Redbud**

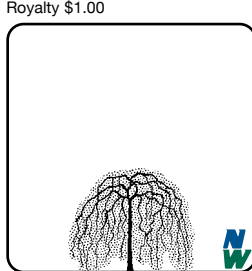


**Zone:** 4  
**Height:** 15'  
**Spread:** 20'  
**Shape:** Rounded, spreading  
**Foliage:** Medium green  
**Fall Color:** Yellow  
**Flower:** Lavender pink

**Bare Root**  
5 ft., whip  
6 ft., whip  
6 ft., branched  
7 ft., branched  
1" cal., branched

**B & B**  
1" caliper  
1¼" caliper  
1½" caliper

*Cercis canadensis* 'Covey'  
**Lavender Twist® Redbud**



**Zone:** 5  
**Height:** 7'  
**Spread:** 8'  
**Shape:** Weeping  
**Foliage:** Medium green  
**Fall Color:** Yellow  
**Flower:** Magenta buds open rosy pink

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip

**Container**  
#5  
3RP VigorLiner®  
#15 1¼" caliper

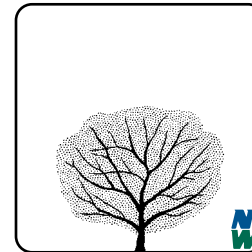


**Golden Falls® Redbud**



**Heart's Desire™ Redbud**

*Cercis canadensis* 'Merlot' PP 22297  
**Merlot Redbud**



**Zone:** 6  
**Height:** 18'  
**Spread:** 20'  
**Shape:** Upright spreading, rounded  
**Foliage:** Glossy, deep purple becoming bronze purple  
**Fall Color:** Yellow  
**Flower:** Magenta rose

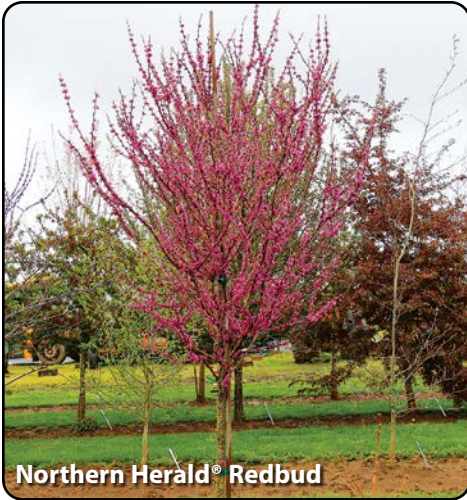
**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
5 ft., branched  
6 ft., branched  
7 ft., branched  
1" cal., branched

**B & B**  
1¼" caliper  
1½" caliper  
1¾" caliper

**Container**  
3RP VigorLiner®  
#5  
#7  
#10 6 foot  
#20 1" caliper  
#25 1¼" caliper  
#25 1½" caliper



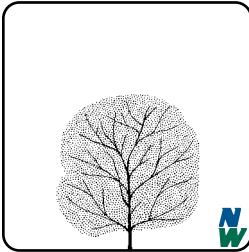
**Merlot Redbud**



Northern Herald® Redbud

*Cercis canadensis* 'Pink Trim'  
**Northern Herald® Redbud**

Royalty \$.80



**Zone:** 4  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Rounded  
**Foliage:** Dark green, leathery  
**Fall Color:** Yellow  
**Flower:** Bright magenta pink, profuse  
**Fruit:** Sparse

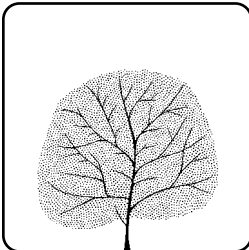
**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
5 ft., branched  
6 ft., branched  
7 ft., branched  
1" cal., branched

**B & B**  
1" caliper  
1¼" caliper  
1½" caliper

**Container**  
3RP VigorLiner®  
#7  
#10 6 foot  
#10 1" caliper  
#25 1½" caliper

*Cercis canadensis* 'WFHnoli'  
**Northern Lites™ Redbud**

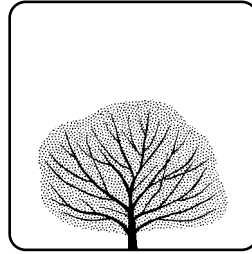
Royalty \$1.00



**Zone:** 5  
**Height:** 20'  
**Spread:** 25'  
**Shape:** Low branched or multi-stem tree, rounded  
**Foliage:** Dark green  
**Fall Color:** Yellow  
**Flower:** Bright hot pink

**Bare Root**  
6 ft., branched  
7 ft., branched  
1" cal., branched

*Cercis texensis* 'Oklahoma'  
**Oklahoma Redbud**



**Zone:** 6  
**Height:** 20'  
**Spread:** 25'  
**Shape:** Upright spreading to rounded  
**Foliage:** Glossy, thick, bright green  
**Fall Color:** Yellow  
**Flower:** Reddish-pink buds open to bright magenta-pink

**Bare Root**  
3 ft., whip  
4 ft., whip  
5 ft., whip  
6 ft., whip  
5 ft., branched  
6 ft., branched  
7 ft., branched  
1" cal., branched

**B & B**  
1" caliper  
1¼" caliper  
1½" caliper

**Container**  
3RP VigorLiner®  
#5  
#7  
#10 6 foot



Pink Heartbreaker Redbud

*Cercis canadensis* 'Pink Heartbreaker' PP 23043  
**Pink Heartbreaker Redbud**

Royalty \$2.00



**Zone:** 5  
**Height:** 12'  
**Spread:** 8'  
**Shape:** Weeping, spreading  
**Foliage:** Dark green  
**Fall Color:** Yellow  
**Flower:** Lavender pink

**Bare Root**  
5 ft., whip  
6 ft., whip  
7 ft., whip  
#1 light head  
#1 head

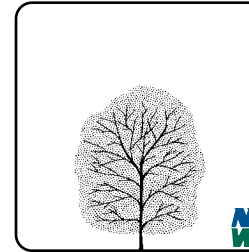
**Container**  
#5  
#7  
#10 #1 head  
#15 #1 head



Ruby Falls Redbud

*Cercis canadensis* 'Pink Pom Poms' PP 27630  
**Pink Pom Poms Redbud**

Royalty \$2.50



**Zone:** 6b  
**Height:** 20'  
**Spread:** 15'  
**Shape:** Rounded  
**Foliage:** Glossy green  
**Fall Color:** Yellow  
**Flower:** Reddish purple, double  
**Fruit:** Seedless

**Bare Root**  
3 ft., whip  
4 ft., whip  
5 ft., whip  
7 ft., branched  
1" cal., branched

**B & B**  
1½" caliper  
1¾" caliper

**Container**  
3RP VigorLiner®  
#10 6 foot  
#10 1" caliper  
#15 1¼" caliper

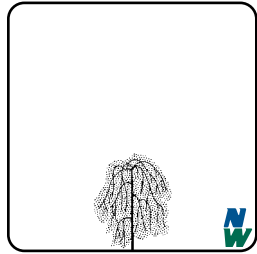


Vanilla Twist Redbud

*Cercis canadensis* 'Ruby Falls' PP 22097

**Ruby Falls Redbud**

Royalty \$2.75



**Zone:** 5  
**Height:** 8'  
**Spread:** 6'  
**Shape:** Weeping  
**Foliage:** Deep purple, glossy  
**Fall Color:** Yellow-bronze  
**Flower:** Rose purple

**Bare Root**

4 ft., whip  
5 ft., whip  
6 ft., whip  
#1 light head  
#1 head

**B & B**

1¼" caliper  
1½" caliper

**Container**

#5  
#7  
3RP VigorLiner®  
#10 #1 head  
#15 #1 head  
#20 #1 head

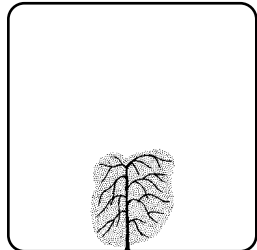


**Pink Pom Poms Redbud**

*Cercis canadensis* 'Vanilla Twist' PP 22744

**Vanilla Twist Redbud**

Royalty \$1.50



**Zone:** 5  
**Height:** 8'  
**Spread:** 6'  
**Shape:** Weeping  
**Foliage:** Light green  
**Fall Color:** Yellow  
**Flower:** White

**Bare Root**

4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
1" cal., branched  
1¼" cal., branched

**B & B**

1" caliper  
1¼" caliper  
1½" caliper  
1¾" caliper

**Container**

3RP VigorLiner®  
#5  
#7  
#35 2" caliper



**Green Arrow Alaskan Cedar**

***Chamaecyparis***

(Alaskan Cedar, Hinoki Cypress)

*Chamaecyparis nootkatensis* 'Green Arrow'

**Green Arrow Alaskan Cedar**

LIMITED QUANTITIES



**Zone:** 4  
**Height:** 30'  
**Spread:** 5'  
**Shape:** Narrowly columnar  
**Foliage:** Dark bluish green

**B & B**

8 foot  
9 foot  
10 foot

*Chamaecyparis nootkatensis* 'Pendula'

**Weeping Alaskan Cedar**

LIMITED QUANTITIES



**Zone:** 5  
**Height:** 30'  
**Spread:** 10'  
**Shape:** Narrow, conical  
**Foliage:** Light green

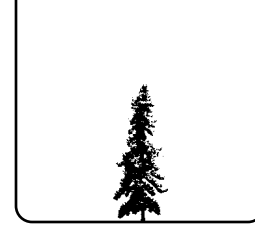
**B & B**

7 foot  
8 foot  
9 foot

*Chamaecyparis obtusa* 'Gracilis'

**Slender Hinoki Cypress**

LIMITED QUANTITIES



**Zone:** 5  
**Height:** 15'  
**Spread:** 10'  
**Shape:** Irregularly pyramidal  
**Foliage:** Dark green

**B & B**

5 foot  
6 foot  
7 foot  
8 foot

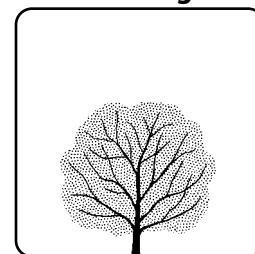


**Slender Hinoki Cypress**

***Chionanthus* (Fringe Tree)**

*Chionanthus retusus*

**Chinese Fringetree**

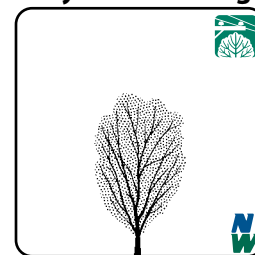


**Zone:** 5  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Broadly oval  
**Foliage:** Deep green  
**Fall Color:** Bright yellow  
**Flower:** White, snow-like, in large clusters

Container Each  
3VL VigorLiner®

*Chionanthus retusus* 'Tokyo Tower'

**Tokyo Tower Fringetree**

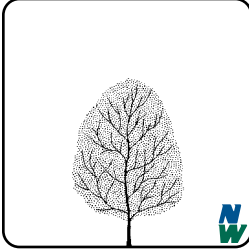


**Zone:** 5  
**Height:** 20'  
**Spread:** 10'  
**Shape:** Narrow upright vase  
**Foliage:** Deep green  
**Fall Color:** Bright yellow  
**Flower:** White, snow-like, in large clusters  
**Fruit:** Small, blue-black

Container  
3VL VigorLiner®

**Chitalpa**

x *Chitalpa tashkentensis* 'Strawberry Moon'  
**Strawberry Moon Chitalpa**



**Zone:** 6  
**Height:** 40'  
**Spread:** 35'  
**Shape:** Rounded with an open structure  
**Foliage:** Dark green, large leaves  
**Fall Color:** Yellow  
**Flower:** Pink to purple in large clusters

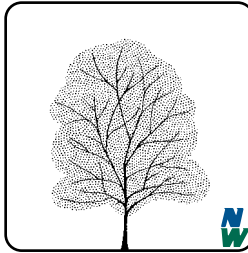
**Bare Root**  
 7 ft., whip  
 8 ft., whip  
 1" cal., whip  
 1" cal., branched  
 1¼" cal., branched

**Container**  
 #20 1½" caliper  
 #25 2" caliper



Strawberry Moon Chitalpa

*Cladrastis kentukea* 'Perkins Pink'  
**Perkins Pink Yellowwood**

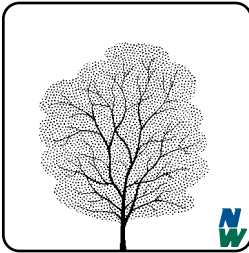


**Zone:** 4  
**Height:** 30'  
**Spread:** 30'  
**Shape:** Round  
**Foliage:** Green leaflets, compound  
**Fall Color:** Yellow  
**Flower:** Pink, in pendulous chains

**Bare Root**  
 7 ft., whip  
 8 ft., whip  
 6 ft., branched  
 1" cal., branched

**Cladrastis (Yellowwood)**

*Cladrastis kentukea*  
**Yellowwood**



**Zone:** 4  
**Height:** 30'  
**Spread:** 40'  
**Shape:** Round  
**Foliage:** Bright green  
**Fall Color:** Brilliant yellow  
**Flowers:** White, in long clusters, fragrant

**Bare Root**  
 5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 8 ft., whip  
 5 ft., branched  
 6 ft., branched  
 1" cal., branched  
 1¼" cal., branched

**Container**  
 3RP VigorLiner®

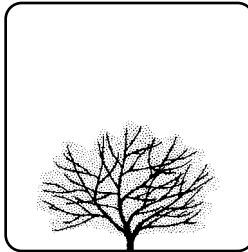


Yellowwood

**Cornus (Cornelian Cherry)**

*Cornus mas*

**Cornelian Cherry**

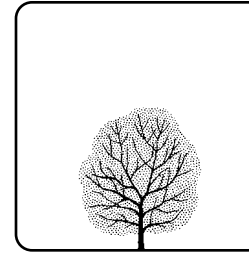


**Zone:** 5  
**Height:** 18'  
**Spread:** 22'  
**Shape:** Low branched, rounded  
**Foliage:** Glossy dark green  
**Fall Color:** Slight to reddish purple.  
**Flower:** Small, yellow, in masses  
**Fruit:** Bright red, cherry like

**Bare Root**  
 4 ft., whip  
 4 ft., branched  
 5 ft., branched

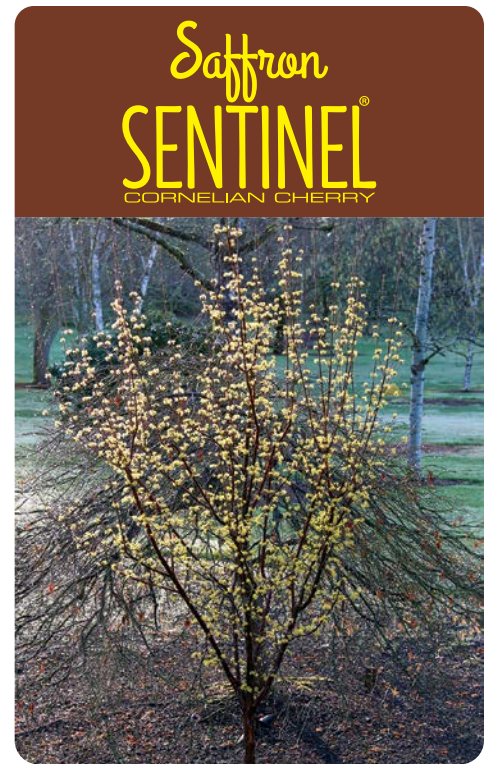
*Cornus mas* 'Golden Glory'

**Golden Glory Cornelian Cherry**



**Zone:** 4  
**Height:** 22'  
**Spread:** 18'  
**Shape:** Broadly oval  
**Foliage:** Glossy dark green  
**Fall Color:** Slight to reddish purple  
**Flower:** Small, bright yellow, in mass  
**Fruit:** Bright red

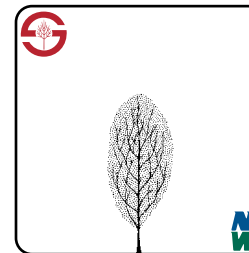
**Bare Root**  
 4 ft., whip  
 5 ft., whip  
 4 ft., branched  
 5 ft., branched  
 6 ft., branched



*Cornus mas* 'JFS PN4Legacy'

**Saffron Sentinel® Cornelian Cherry**

Royalty \$1.75 | Part of the Sentinel® family of trees.



**Zone:** 4  
**Height:** 22'  
**Spread:** 12'  
**Shape:** Columnar  
**Foliage:** Dark green  
**Fall Color:** Dark reddish purple  
**Flower:** Bright yellow  
**Fruit:** Bright red, ½", oblong  
**Bark:** Dark brown, exfoliating

**Bare Root**  
 4 ft., branched  
 5 ft., branched  
 6 ft., branched  
 2 foot, multi-stem

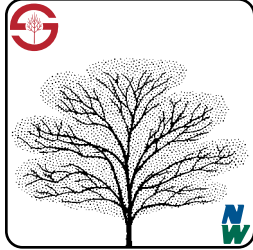
**Container**  
 #5  
 #10 6 foot

**Cornus**  
(Dogwood - Less Common Species)

*Cornus controversa* 'June Snow-JFS'

**June Snow™ Dogwood**

Royalty \$1.25



**Zone:** 5  
**Height:** 30'  
**Spread:** 40'  
**Shape:** Horizontally layered, spreading  
**Foliage:** Dark green  
**Fall Color:** Orange to red  
**Flower:** White, in flat topped clusters  
**Fruit:** Blue-black, ¼", clustered

**Bare Root**

- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 5 ft., branched
- 6 ft., branched
- 7 ft., branched
- 1" cal., branched
- 1¼" cal., branched

**Container**

- #10 6 foot



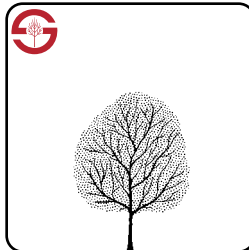
**Cornus** (Hybrid Dogwood)

*Cornus* 'NCCH3' PP 36596

**Cloudburst™ Dogwood**

Royalty: \$2.50

**New '26**



**Zone:** 5  
**Height:** 20'  
**Spread:** 15'  
**Shape:** Upright spreading, rounded crown  
**Foliage:** Dark green  
**Fall Color:** Yellow, orange, and red  
**Flower:** White

Developed by Dr. Tom Ranney of North Carolina State University this exciting new tree is an exceptional, fast-growing dogwood with particularly large and showy white bracts. A unique triploid hybrid of *C. florida* and *C. kousa*, it has disease resistant foliage that turns a spectacular combination of yellows, oranges, and reds in the fall.

**Bare Root**

- 4 ft., branched
- 5 ft., branched

**Container**

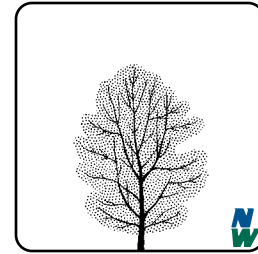
- #3



**Scarlet Fire® Dogwood**

*Cornus* 'Eddie's White Wonder'

**Eddie's White Wonder Dogwood**



**Zone:** 6  
**Height:** 25'  
**Spread:** 20'  
**Shape:** Upright, pyramidal; slightly pendulous branching  
**Foliage:** Dark green  
**Fall Color:** Red  
**Flower:** Large white bracts  
**Fruit:** Small red

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 4 ft., branched
- 5 ft., branched
- 6 ft., branched

**B & B**

- 6 foot
- 1" caliper
- 1¼" caliper
- 1½" caliper
- 1¾" caliper

**Container**

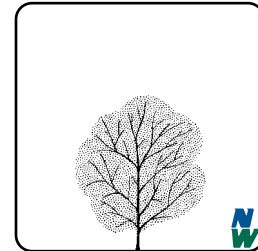
- #5
- #7
- #20 6 foot
- #10 1" caliper
- #20 1" caliper
- #25 1¼" caliper



*Cornus* 'Rutpink' PP 28311

**Scarlet Fire® Dogwood**

Royalty \$2.25



**Zone:** 5  
**Height:** 20'  
**Spread:** 18'  
**Shape:** Broadly oval  
**Foliage:** Dark green  
**Fall Color:** Maroon  
**Flower:** Large bracts, deep pink to fuchsia  
**Fruit:** Red, 1"

**DISEASE RESISTANCE:**

Dogwood anthracnose and powdery mildew

**Bare Root**

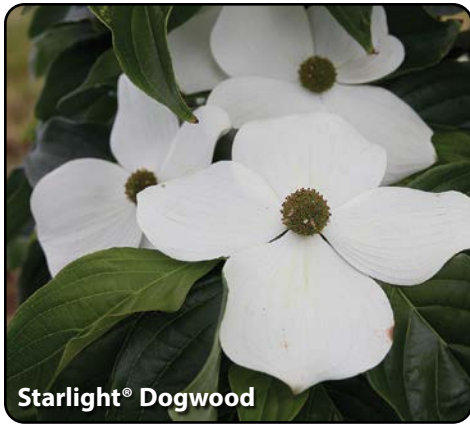
- 3 ft., branched
- 4 ft., branched
- 5 ft., branched
- 6 ft., branched

**B & B**

- 6 foot
- 1" caliper
- 1¼" caliper
- 1½" caliper
- 1¾" caliper

**Container**

- #5
- #7
- #25 1¼" caliper
- #25 1½" caliper
- #25 1¾" caliper

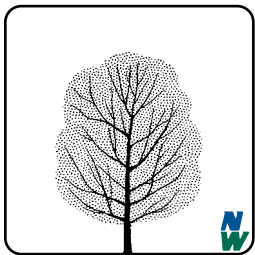


Starlight® Dogwood

*Cornus kousa* × *nuttallii* 'KN4-43'

**Starlight® Dogwood**

Royalty \$1.50



**Zone:** 6  
**Height:** 30'  
**Spread:** 20'  
**Shape:** Upright oval  
**Foliage:** Deep green  
**Fall Color:** Red  
**Flower:** Large, creamy white  
**Fruit:** Red orange, ¼", sparse

**DISEASE RESISTANCE:**

Dogwood anthracnose and powdery mildew

**Bare Root**

- 3 ft., whip
- 4 ft., whip
- 4 ft., branched
- 5 ft., branched
- 6 ft., branched

**B & B**

- 1" caliper
- 1¼" caliper
- 1½" caliper
- 1¾" caliper

**Container**

- #5
- #7
- #20 1¼" caliper
- #25 1¼" caliper
- #25 1½" caliper



Venus® Dogwood

*Cornus* × 'Rutgan'

**Stellar Pink® Dogwood**

Royalty \$.50



**Zone:** 6  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Upright to upright spreading  
**Foliage:** Green  
**Fall Color:** Bright red  
**Flower:** Light pink  
**Fruit:** None

**DISEASE RESISTANCE:**

Dogwood anthracnose and powdery mildew

**Bare Root**

- 3 ft., branched
- 4 ft., branched
- 5 ft., branched
- 6 ft., branched

**B & B**

- 1" caliper
- 1¼" caliper
- 1½" caliper
- 1¾" caliper

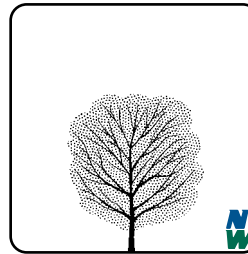
**Container**

- #5
- #7
- #20 1¼" caliper
- #25 1½" caliper

*Cornus* × 'KN 30-8'

**Venus® Dogwood**

Royalty \$1.50



**Zone:** 5b  
**Height:** 25'  
**Spread:** 20'  
**Shape:** Upright oval  
**Foliage:** Deep green  
**Fall Color:** Red to purple-red  
**Flower:** Very large, 6", creamy white  
**Fruit:** Red orange, ¼", sparse

**DISEASE RESISTANCE:**

Dogwood anthracnose and powdery mildew

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 4 ft., branched
- 5 ft., branched
- 6 ft., branched

**B & B**

- 1" caliper
- 1¼" caliper
- 1½" caliper
- 1¾" caliper

**Container**

- #3
- #5
- #7
- #10 1" caliper
- #20 1" caliper
- #25 1¼" caliper



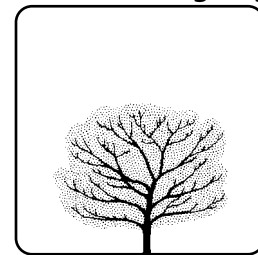
Stellar Pink® Dogwood

**Cornus florida**

(Flowering Dogwood)

*Cornus florida rubra*

**Pink Flowering Dogwood**



**Zone:** 5  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Upright spreading, rounded crown  
**Foliage:** Green  
**Fall Color:** Red  
**Flower:** Pink

**B & B**

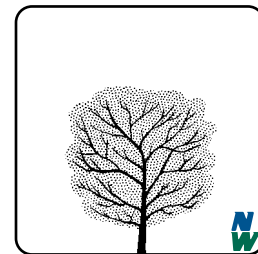
- 5 foot
- 6 foot
- 1" caliper

**Container**

- #5
- #20 1" caliper

*Cornus florida* 'Comco No. 1'

**Cherokee Brave Dogwood**



**Zone:** 5  
**Height:** 25'  
**Spread:** 22'  
**Shape:** Upright spreading, rounded crown  
**Foliage:** Dark green  
**Fall Color:** Red  
**Flower:** Reddish-pink with white center

**DISEASE RESISTANCE:**

Spot anthracnose and powdery mildew

**B & B**

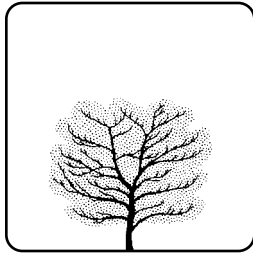
- 1" caliper
- 1¼" caliper
- 1½" caliper

**Container**

- #7
- #20 6 foot
- #10 1" caliper
- #20 1" caliper
- #20 1¼" caliper
- #25 1½" caliper

*Cornus florida* 'Cherokee Chief'

**Cherokee Chief Dogwood**



**Zone:** 6  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Upright spreading, rounded crown  
**Foliage:** Dark green  
**Fall Color:** Red  
**Flower:** Rose red to ruby red

**Bare Root**

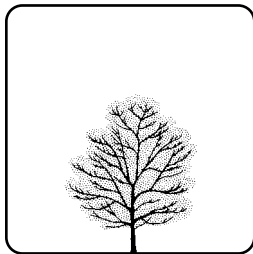
3 ft., whip  
4 ft., whip  
3 ft., branched  
4 ft., branched



**Cherokee Chief Dogwood**

*Cornus florida* 'Cherokee Princess'

**Cherokee Princess Dogwood**



**Zone:** 6  
**Height:** 24'  
**Spread:** 20'  
**Shape:** Upright oval, rounded crown  
**Foliage:** Green  
**Fall Color:** Red  
**Flower:** White

**Bare Root**

3 ft., branched  
4 ft., branched  
5 ft., branched

**B & B**

1" caliper  
1 1/4" caliper

**Container**

#3  
#7



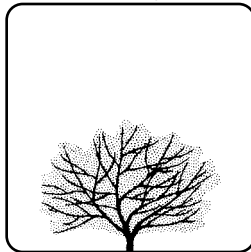
**Cherokee Princess Dogwood**



**Cloud 9 Dogwood**

*Cornus florida* 'Cloud 9'

**Cloud 9 Dogwood**



**Zone:** 5  
**Height:** 15'  
**Spread:** 20'  
**Shape:** Spreading, broadly rounded crown  
**Foliage:** Green  
**Fall Color:** Red  
**Flower:** White

**Bare Root**

3 ft., branched  
4 ft., branched  
5 ft., branched

**B & B**

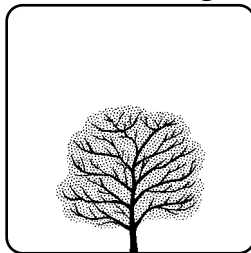
1" caliper  
1 1/4" caliper



**Prairie Pink Dogwood**

*Cornus florida* 'Prairie Pink'

**Prairie Pink Dogwood**



**Zone:** 6  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Upright spreading, rounded crown  
**Foliage:** Glossy green  
**Fall Color:** Orange red to purple red  
**Flower:** Light pink

**Bare Root**

4 ft., whip  
4 ft., branched

**B & B**

5 foot  
1" caliper

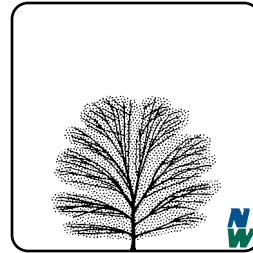
**Container**

#5  
#20 1" caliper

***Cornus kousa* (Chinese Dogwood)**

*Cornus kousa chinensis*

**Chinese Kousa Dogwood**



**Zone:** 5  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Wide vase to rounded, layered branches  
**Foliage:** Medium green  
**Fall Color:** Reddish  
**Flower:** White

**Bare Root**

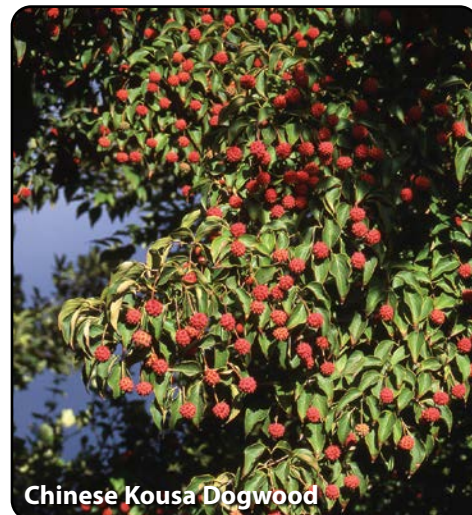
4 ft., whip  
5 ft., whip  
4 ft., branched  
5 ft., branched  
6 ft., branched  
7 ft., branched  
1" cal., branched  
1 1/4" cal., branched  
2 foot, multi-stem  
3 foot, multi-stem  
4 foot, multi-stem  
5 foot, multi-stem

**B & B**

5 foot  
1" caliper  
1 1/4" caliper  
3 foot, multi-stem  
4 foot, multi-stem  
5 foot, multi-stem  
6 foot, multi-stem

**Container**

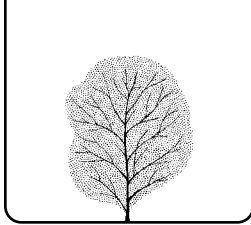
#5  
#7  
#20 1" caliper  
#25 1 1/4" caliper  
#7 multi-stem  
#10 multi-stem  
#20 multi-stem  
#20 5 foot, multi-stem



**Chinese Kousa Dogwood**

*Cornus kousa chinensis* 'Galzam'**Galilean® Dogwood**

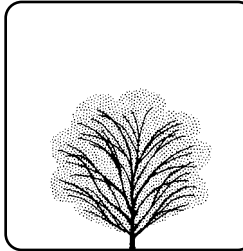
Royalty \$.95

**LIMITED QUANTITIES**

**Zone:** 4  
**Height:** 25'  
**Spread:** 20'  
**Shape:** Vase  
**Foliage:** Dark green  
**Fall Color:** Orange yellow  
**Flower:** White  
**Fruit:** Red

**Bare Root**

4 ft., branched  
 5 ft., branched  
 6 ft., branched

**Milky Way Select Dogwood***Cornus kousa* 'Milky Way Select'**Milky Way Select Dogwood**

**Zone:** 5  
**Height:** 15'  
**Spread:** 15'  
**Shape:** Rounded to wide vase  
**Foliage:** Green  
**Fall Color:** Bright red  
**Flower:** Large creamy white bracts  
**Fruit:** Red, 3/4"

**Bare Root**

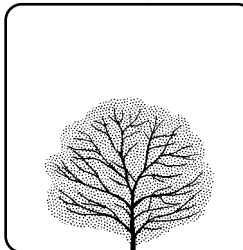
4 ft., branched  
 5 ft., branched  
 6 ft., branched

**B & B**

1" caliper  
 1 1/4" caliper  
 1 1/2" caliper

**Container**

#7  
 #10 1" caliper  
 #25 1 1/4" caliper  
 #25 1 1/2" caliper

*Cornus kousa* 'Satomi'**Satomi Dogwood**

**Zone:** 5  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Vase to rounded  
**Foliage:** Light green  
**Fall Color:** Red  
**Flower:** Rose pink

**Bare Root**

3 ft., branched  
 4 ft., branched  
 5 ft., branched

**B & B**

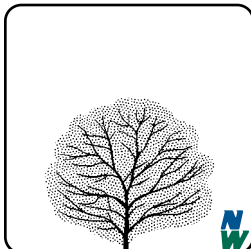
6 foot  
 1" caliper  
 1 1/4" caliper  
 1 1/2" caliper

**Container**

#5  
 #7  
 #20 1" caliper  
 #20 1 1/4" caliper  
 #20 1 1/2" caliper

**Heart Throb® Dogwood***Cornus kousa* 'Schmred'**Heart Throb® Dogwood**

Royalty \$.75



**Zone:** 5  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Rounded  
**Foliage:** Dark green  
**Fall Color:** Deep red  
**Flower:** Rose pink  
**Fruit:** Red, 3/4"

**Bare Root**

3 ft., whip  
 4 ft., whip  
 3 ft., branched  
 4 ft., branched  
 5 ft., branched

**B & B**

5 foot  
 6 foot  
 1" caliper  
 1 1/4" caliper  
 1 1/2" caliper

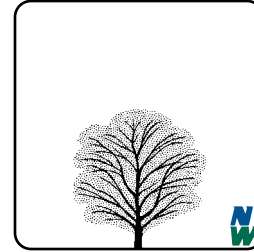
**Container**

#5  
 #20 1" caliper  
 #20 1 1/4" caliper  
 #25 1 1/2" caliper

Schmidt Introduction see page 5

UTILITREES selection see page 92

Caliper Specimens Available see page 87

*Cornus kousa* 'Summer Fun'**Summer Fun Dogwood**

**Zone:** 5  
**Height:** 18'  
**Spread:** 15'  
**Shape:** Rounded to wide vase  
**Foliage:** Variegated, white and green  
**Fall Color:** Red orange with pink margins  
**Flower:** White  
**Fruit:** Red, 3/4"

**Bare Root**

3 ft., branched  
 4 ft., branched  
 5 ft., branched  
 6 ft., branched

**B & B**

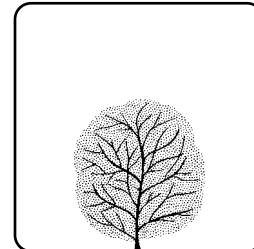
6 foot  
 1" caliper  
 1 1/4" caliper

**Container**

#5  
 #15 1" caliper  
 #15 1 1/4" caliper

**Summer Fun Dogwood****Corylus** (Turkish Hazel, Filbert)*Corylus avellana* 'Burgundy Lace' PP 28216**Burgundy Lace European Filbert**

Royalty \$1.00



**Zone:** 4  
**Height:** 18'  
**Spread:** 15'  
**Shape:** Upright, spreading  
**Foliage:** Cutleaf, burgundy  
**Fall Color:** Burgundy to orange  
**Flower:** Slender red catkins in late winter  
**Fruit:** Small hazelnuts

**DISEASE RESISTANCE:**

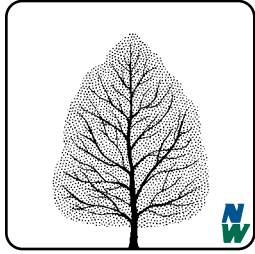
Eastern filbert blight, Oregon strain

**Bare Root**

6 ft., branched  
 1" cal., branched

*Corylus colurna*

**Turkish Hazel (Filbert)**



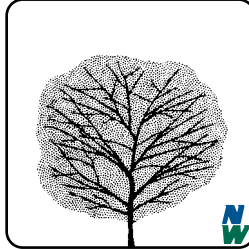
**Zone:** 4  
**Height:** 45'  
**Spread:** 30'  
**Shape:** Pyramidal  
**Foliage:** Green  
**Fall Color:** Yellow

**Bare Root**  
5 ft., whip  
6 ft., whip  
7 ft., whip  
6 ft., branched  
1" cal., branched  
1 1/4" cal., branched



*Crataegus crus-galli* 'Inermis'

**Thornless Cockspur Hawthorn**

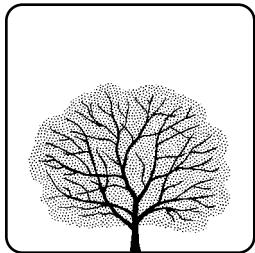


**Zone:** 4  
**Height:** 25'  
**Spread:** 25'  
**Shape:** Rounded, spreading  
**Foliage:** Leathery, deep green, glossy  
**Fall Color:** Orange or rusty orange  
**Flower:** Small, white in 2" clusters  
**Fruit:** Dark red, 3/8"-1/2", persistent

**Crataegus** (Hawthorn)

*Crataegus ambigua*

**Russian Hawthorn**



**Zone:** 4  
**Height:** 18'  
**Spread:** 20'  
**Shape:** Rounded to spreading  
**Foliage:** Medium green  
**Flower:** White  
**Fruit:** Deep red

**Bare Root**  
3 foot, multi-stem  
4 foot, multi-stem  
6 ft., branched  
7 ft., branched  
1" cal., branched

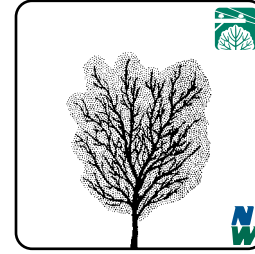
**Container**  
#10 1" caliper  
#5 multi-stem

**Bare Root**  
3 ft., whip  
4 ft., whip  
5 ft., whip  
4 ft., branched  
5 ft., branched  
6 ft., branched  
7 ft., branched  
2 foot, multi-stem  
3 foot, multi-stem  
4 foot, multi-stem  
5 foot, multi-stem  
6 foot, multi-stem

**Container**  
#5  
#7  
#15 6 foot, multi-stem  
#20 6 foot, multi-stem  
#25 8 foot, multi-stem

*Crataegus x lavallei*

**Lavalle Hawthorn**



**Zone:** 4  
**Height:** 28'  
**Spread:** 20'  
**Shape:** Irregular vase  
**Foliage:** Dark green, leathery  
**Fall Color:** Bronze  
**Flower:** White, in large clusters  
**Fruit:** Orange, 3/8"

**Bare Root**  
6 ft., branched  
7 ft., branched  
1" cal., branched

**Container**  
#10 1" caliper



*Crataegus laevigata* 'Paul's Scarlet'

**Paul's Scarlet Hawthorn**



**Zone:** 4  
**Height:** 22'  
**Spread:** 20'  
**Shape:** Dense, upright spreading, oval  
**Foliage:** Small, deeply lobed, green  
**Flower:** Double, scarlet to rose  
**Fruit:** Sparse, deep red

**Bare Root**  
5 ft., branched  
6 ft., branched  
7 ft., branched  
1" cal., branched

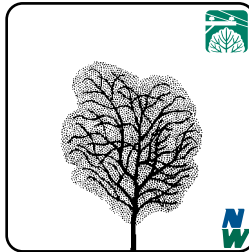
**Container**  
#7  
#10 1" caliper  
#15 1 1/4" caliper



**Burgundy Lace European Filbert**

*Crataegus laevigata* 'Crimson Cloud'

**Crimson Cloud Hawthorn**



**Zone:** 4  
**Height:** 25'  
**Spread:** 18'  
**Shape:** Oval, with upright spreading wavy branches  
**Foliage:** Small glossy green  
**Flower:** Bright red with white centers  
**Fruit:** Bright red

**DISEASE RESISTANCE:** leaf spot

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
5 ft., branched  
6 ft., branched  
7 ft., branched

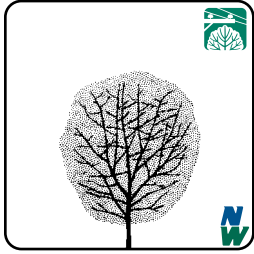
**Container**  
#5  
#7  
#10 1" caliper



**Crimson Cloud Hawthorn**

*Crataegus × mordenensis* 'Snowbird' C.O.P.F.**Snowbird Hawthorn**

Royalty \$.10



**Zone:** 3  
**Height:** 22'  
**Spread:** 20'  
**Shape:** Upright oval to rounded  
**Foliage:** Dark glossy green  
**Flower:** Small, double white, in clusters  
**Fruit:** Bright crimson, ⅜"

**Bare Root**

6 ft., branched  
 7 ft., branched  
 1" cal., branched

**Container**

#15 1¼" caliper

*Crataegus × mordenensis* 'Toba'**Toba Hawthorn**

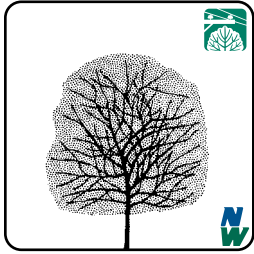
**Zone:** 3  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Upright, round  
**Foliage:** Dark green  
**Flower:** In clusters, double white, fading to pink, fragrant  
**Fruit:** Red, ⅜"

**Bare Root**

5 ft., branched  
 6 ft., branched  
 7 ft., branched  
 1" cal., branched

**Container**

#10 1" caliper  
 #15 1¼" caliper

*Crataegus phaenopyrum***Washington Hawthorn**

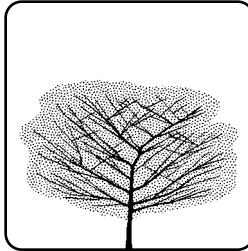
**Zone:** 4  
**Height:** 25'  
**Spread:** 20'  
**Shape:** Broadly oval to rounded  
**Foliage:** Deep green, very glossy  
**Fall Color:** Orange to scarlet and reddish purple  
**Flower:** White in clusters  
**Fruit:** Bright, glossy red, ⅜", persistent

**Bare Root**

4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 4 ft., branched  
 5 ft., branched  
 6 ft., branched

**Container**

#5  
 #7

**Winter King Hawthorn***Crataegus viridis* 'Winter King'**Winter King Hawthorn**

**Zone:** 4  
**Height:** 20'  
**Spread:** 25'  
**Shape:** Wide vase, angular branch pattern  
**Foliage:** Dark green  
**Fall Color:** Yellow  
**Flower:** White in clusters  
**Fruit:** Bright red, ¼"

**Bare Root**

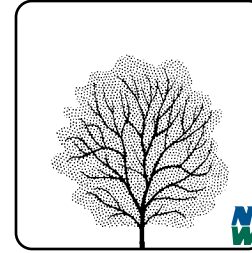
4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 4 ft., branched  
 5 ft., branched  
 6 ft., branched  
 7 ft., branched  
 1" cal., branched  
 1¼" cal., branched  
 2 foot, multi-stem  
 3 foot, multi-stem  
 4 foot, multi-stem

**Container**

#5  
 #10 1" caliper  
 #15 1¼" caliper

**Washington Hawthorn**

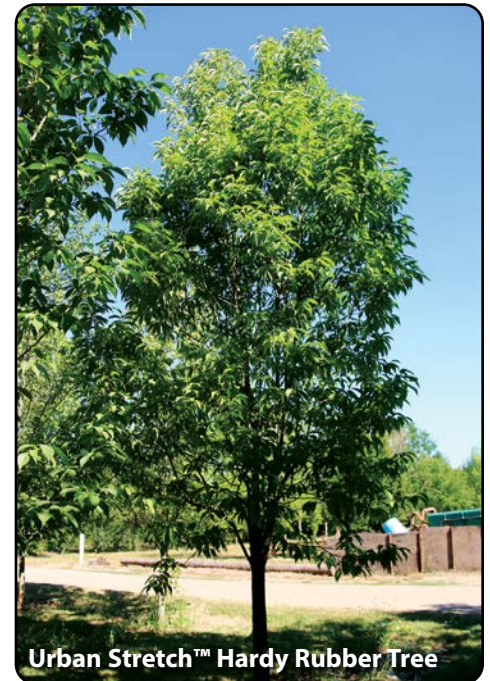
Schmidt Introduction see page 5

 UTILITREES selection see page 92  
 Caliper Specimens Available see page 87
**Eucommia** (Hardy Rubber Tree)*Eucommia ulmoides***Hardy Rubber Tree**

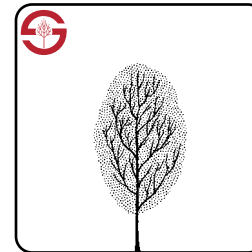
**Zone:** 5  
**Height:** 45'  
**Spread:** 45'  
**Shape:** Rounded, with ascending branches  
**Foliage:** Lustrous dark green

**Bare Root**

5 ft., branched  
 6 ft., branched

**Urban Stretch™ Hardy Rubber Tree***Eucommia ulmoides* 'JFS KW6EU'**Urban Stretch™ Hardy Rubber Tree**

Royalty: \$2.00



**Zone:** 5  
**Height:** 45'  
**Spread:** 30'  
**Shape:** Upright oval  
**Foliage:** Dark green

**NEW 2027**

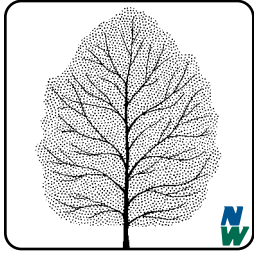
Urban Stretch™ Hardy Rubber Tree was selected and trialed at JFS for its more uniform, symmetrical growth habit. A strong grower, it has a narrower more upright shape than a typical seedling grown tree. Its form makes it an excellent choice for urban street and park plantings.

**Bare Root**

6 ft., branched  
 1" cal., branched

**Fagus** (Beech)

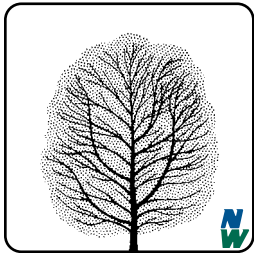
*Fagus grandifolia*  
**American Beech**



**Zone:** 5  
**Height:** 50'  
**Spread:** 40'  
**Shape:** Broadly oval  
**Foliage:** Glossy green  
**Fall Color:** Golden bronze

**B & B**  
1½" caliper  
1¾" caliper  
2" caliper  
2½" caliper

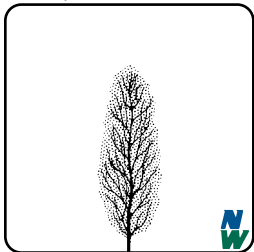
*Fagus sylvatica*  
**Green Beech**



**Zone:** 4  
**Height:** 50'  
**Spread:** 40'  
**Shape:** Broadly pyramidal to broadly oval  
**Foliage:** Glossy dark green  
**Fall Color:** Bronze

**B & B**  
1¼" caliper  
1½" caliper  
1¾" caliper  
2" caliper  
2½" caliper  
**Container**  
#25 1½" caliper

*Fagus sylvatica* 'Dawyck Purple'  
**Dawyck Purple Beech**



**Zone:** 5  
**Height:** 40'  
**Spread:** 12'  
**Shape:** Columnnar, fastigate  
**Foliage:** Purple

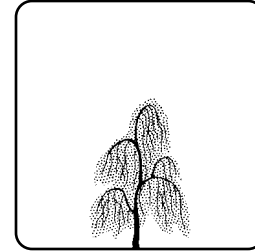
**Root Bag**  
5 ft., branched  
6 ft., branched

**B & B**  
6 foot  
1" caliper  
1¼" caliper  
1½" caliper  
1¾" caliper  
2" caliper  
**Container**  
#7  
#25 1¼" caliper



**Purple Fountain Beech**

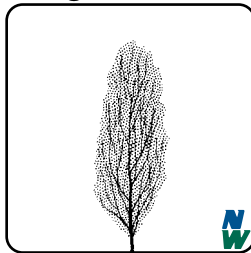
*Fagus sylvatica* 'Purple Fountain'  
**Purple Fountain Beech**



**Zone:** 5  
**Height:** 25'  
**Spread:** 12'  
**Shape:** Weeping from ascending trunk  
**Foliage:** Purple to purple-red

**B & B**  
1" caliper  
1¼" caliper  
1½" caliper  
1¾" caliper  
**Container**  
#15 1" caliper  
#15 1¼" caliper  
#25 1½" caliper

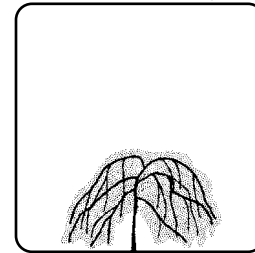
*Fagus sylvatica* 'Fastigiata' ('Dawyck')  
**Fastigate Beech**



**Zone:** 5  
**Height:** 45'  
**Spread:** 15'  
**Shape:** Columnnar, fastigate  
**Foliage:** Dark green  
**Fall Color:** Golden brown

**B & B**  
1" caliper  
1¼" caliper  
1½" caliper  
1¾" caliper  
2" caliper  
**Container**  
#7  
#25 1¼" caliper

*Fagus sylvatica* 'Purpurea Pendula'  
**Purple Weeping Beech**



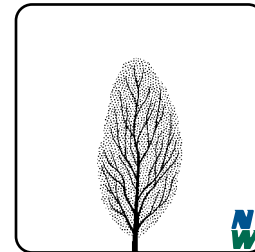
**Zone:** 5  
**Height:** 10'  
**Spread:** 15'  
**Shape:** Broadly weeping  
**Foliage:** Purple

**Bare Root**  
4 foot  
5 foot  
**B & B**  
1" caliper  
1¼" caliper  
1½" caliper



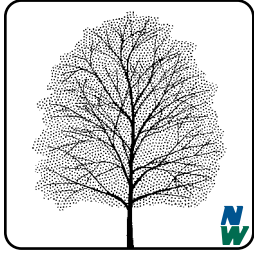
**Red Obelisk Beech**

*Fagus sylvatica* 'Red Obelisk'  
**Red Obelisk Beech**



**Zone:** 5  
**Height:** 35'  
**Spread:** 12'  
**Shape:** Columnnar, compact  
**Foliage:** Purple

**Root Bag**  
5 ft., branched  
6 ft., branched  
**B & B**  
1¼" caliper  
1½" caliper  
1¾" caliper  
2" caliper  
**Container**  
#7  
#25 1¼" caliper

*Fagus sylvatica* 'Riversii'**Rivers Purple Beech**

**Zone:** 5  
**Height:** 50'  
**Spread:** 40'  
**Shape:** Broadly oval  
**Foliage:** Deep purple to purple-bronze

**B & B**

1" caliper  
 1¼" caliper  
 1½" caliper  
 1¾" caliper  
 2" caliper

**Container**

#20 1" caliper  
 #25 1¼" caliper  
 #25 1½" caliper

*Fagus sylvatica* 'Roseomarginata'**Tricolor Beech**

**Zone:** 5  
**Height:** 30'  
**Spread:** 20'  
**Shape:** Oval  
**Foliage:** Variegated, purple with a rose-pink and cream margin

**Root Bag**

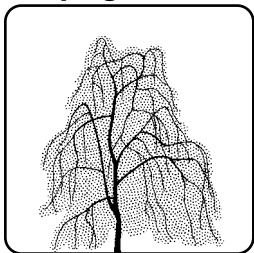
3 ft., branched  
 4 ft., branched

**B & B**

6 foot  
 1" caliper  
 1¼" caliper  
 1½" caliper

**Container**

#7  
 #20 6 foot  
 #20 1" caliper

*Fagus sylvatica* 'Pendula'**Weeping Beech**

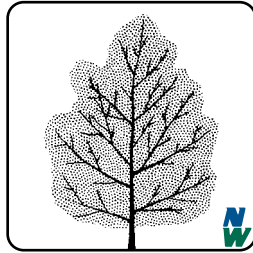
**Zone:** 5  
**Height:** 40'  
**Spread:** 30'  
**Shape:** Gracefully weeping from an irregularly ascending central trunk  
**Foliage:** Green, glossy

**B & B**

1¼" caliper  
 1¾" caliper



Tricolor Beech

**Ginkgo** (Maidenhair Tree)*Ginkgo biloba* 'Autumn Gold'**Autumn Gold Ginkgo**

**Zone:** 3  
**Height:** 45'  
**Spread:** 35'  
**Shape:** Broadly pyramidal  
**Foliage:** Medium green  
**Fall Color:** Golden yellow  
**Fruit:** Seedless

**Bare Root**

4 ft., whip  
 5 ft., whip  
 4 ft., branched  
 5 ft., branched  
 6 ft., branched  
 1" cal., branched  
 1¼" cal., branched

**B & B**

6 foot  
 1" caliper

**Container**

3VL VigorLiner®  
 3RS VigorLiner®  
 #7  
 #10 6 foot  
 #20 1¼" caliper  
 #20 1½" caliper



Autumn Gold Ginkgo

Schmidt Introduction see page 5

 UTILITREES selection see page 92  
 Caliper Specimens Available see page 87
*Ginkgo biloba* 'JFS-UGA2'**Golden Colonnade® Ginkgo**

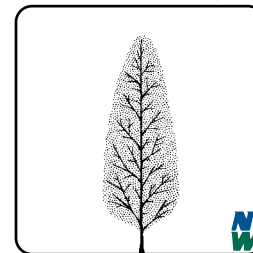
Royalty \$2.00



**Zone:** 4  
**Height:** 45'  
**Spread:** 25'  
**Shape:** Narrow oval  
**Foliage:** Medium green  
**Fall Color:** Bright yellow  
**Fruit:** Seedless



Goldspire Ginkgo

*Ginkgo biloba* 'Blagon'**Goldspire Ginkgo**

**Zone:** 4  
**Height:** 45'  
**Spread:** 12'  
**Shape:** Narrowly columnar  
**Foliage:** Green  
**Fall Color:** Bright golden yellow  
**Fruit:** None observed

**Bare Root**

4 ft., branched  
 5 ft., branched  
 6 ft., branched  
 1" cal., branched

**B & B**

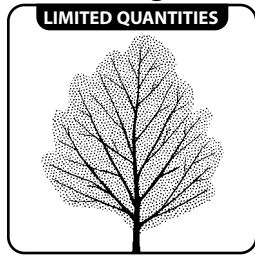
6 foot  
 1" caliper

**Container**

3VL VigorLiner®  
 #5  
 #7  
 #10 6 foot  
 #10 1" caliper

*Ginkgo biloba* 'Halka'

**Halka Ginkgo**



**LIMITED QUANTITIES**  
**Zone:** 4  
**Height:** 45'  
**Spread:** 40'  
**Shape:** Broadly pyramidal becoming oval  
**Foliage:** Medium green  
**Fall Color:** Bright yellow  
**Fruit:** Reported seedless

**Bare Root**  
1" cal., branched

*Ginkgo biloba* 'The President'

**Presidential Gold® Ginkgo**

Royalty \$2.00



**Zone:** 4  
**Height:** 50'  
**Spread:** 40'  
**Shape:** Broadly pyramidal to oval  
**Foliage:** Medium green  
**Fall Color:** Bright yellow  
**Fruit:** Seedless

**Bare Root**  
3 ft., whip  
4 ft., whip  
5 ft., whip  
6 ft., whip  
4 ft., branched  
5 ft., branched  
6 ft., branched

**B & B**  
6 foot  
1" caliper  
1¼" caliper  
1½" caliper  
**Container**  
3VL VigorLiner®  
#5  
#7  
#10 1" caliper  
#20 1¼" caliper

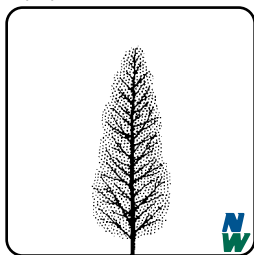


**Presidential Gold® Ginkgo**

*Ginkgo biloba* 'PNI 2720'

**Princeton Sentry® Ginkgo**

Royalty \$.60



**Zone:** 4  
**Height:** 40'  
**Spread:** 15'  
**Shape:** Narrowly pyramidal  
**Foliage:** Green  
**Fall Color:** Bright yellow  
**Fruit:** Seedless

**Bare Root**  
3 ft., whip  
4 ft., whip  
5 ft., whip  
4 ft., branched  
5 ft., branched  
6 ft., branched  
1" cal., branched  
1¼" cal., branched

**B & B**  
6 foot  
1" caliper  
1¼" caliper  
**Container**  
3VL VigorLiner®  
#5  
#7  
#10 1" caliper  
#20 1¼" caliper



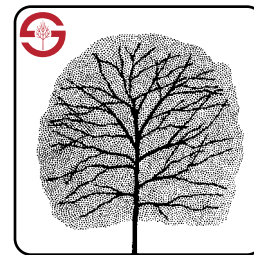
**Princeton Sentry® Ginkgo**

**Gleditsia** (Honeylocust)

*Gleditsia triacanthos* 'Christie'

**Halka™ Honeylocust**

Royalty \$1.00



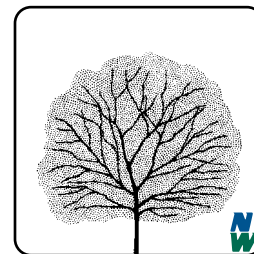
**Zone:** 4  
**Height:** 40'  
**Spread:** 40'  
**Shape:** Widely oval to round  
**Foliage:** Fine textured, medium green  
**Fall Color:** Yellow

**Bare Root**  
6 ft., whip  
7 ft., whip  
8 ft., whip  
6 ft., branched  
1" cal., branched

*Gleditsia triacanthos* 'Impcol'

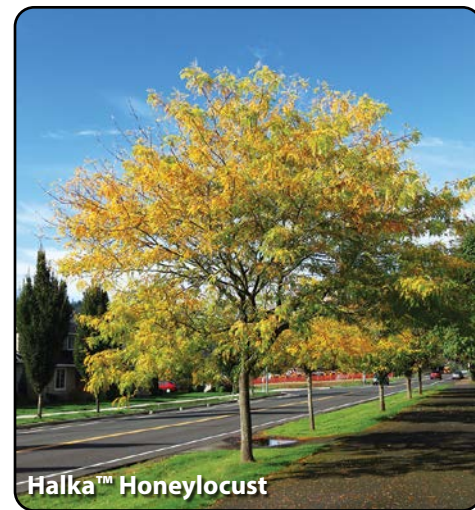
**Imperial® Honeylocust**

Royalty \$.75



**Zone:** 4  
**Height:** 35'  
**Spread:** 35'  
**Shape:** Rounded  
**Foliage:** Fine textured, medium green  
**Fall Color:** Yellow  
**Fruit:** Seedless

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched



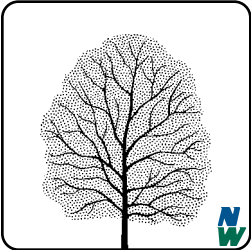
**Halka™ Honeylocust**



Northern Sentinel® Honeylocust

*Gleditsia triacanthos* 'Harve'  
**Northern Acclaim® Honeylocust**

Royalty \$1.50



**Zone:** 3b  
**Height:** 45'  
**Spread:** 35'  
**Shape:** Broadly pyramidal  
**Foliage:** Fine textured, medium green  
**Fall Color:** Yellow  
**Fruit:** Seedless

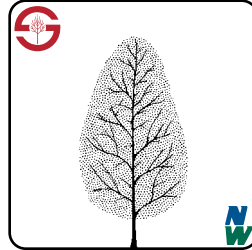
**Bare Root**  
6 ft., whip  
7 ft., whip  
8 ft., whip  
6 ft., branched  
1" cal., branched



Northern Acclaim® Honeylocust

*Gleditsia triacanthos* 'JFS GMorgenson1'  
**Northern Sentinel® Honeylocust**

Royalty \$1.75 | Part of the Sentinel® family of trees.



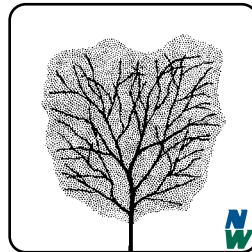
**Zone:** 4  
**Height:** 45'  
**Spread:** 25'  
**Shape:** Upright vase to upright oval  
**Foliage:** Fine textured, medium green  
**Fall Color:** Yellow  
**Fruit:** Sparse

**Bare Root**  
6 ft., whip  
7 ft., whip  
8 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched

**Container**  
#10 1" caliper  
#15 1¼" caliper  
#20 1½" caliper

*Gleditsia triacanthos* 'Shademaster'  
**Shademaster® Honeylocust**

Royalty \$.40



**Zone:** 4  
**Height:** 45'  
**Spread:** 35'  
**Shape:** Vase to rectangular in outline  
**Foliage:** Fine textured, medium green  
**Fall Color:** Yellow  
**Fruit:** Seedless

**INSECT RESISTANCE:** Spider mites

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched

**Container**  
#7  
#15 1¼" caliper  
#20 1½" caliper  
#25 1¾" caliper  
#25 2" caliper

**Thornless & Seedless Honeylocust**

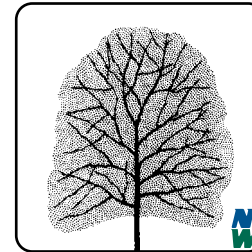
All cultivars we offer have been selected as outstanding plants for a variety of characteristics. All are considered essentially thornless and seedless. However, there are reports from around the country of occasional production of fruit and/or thorns by several cultivars. Unusual weather conditions seem to be the key factor in this. When thorns or seeds are produced in one season, the tree generally reverts back to its normal growth habit the following year.



Sunburst® Honeylocust

*Gleditsia triacanthos* 'Skycole'  
**Skyline® Honeylocust**

Royalty \$.75



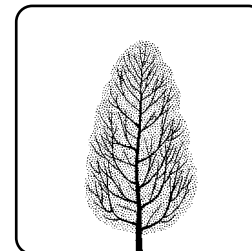
**Zone:** 4  
**Height:** 45'  
**Spread:** 35'  
**Shape:** Broadly pyramidal  
**Foliage:** Fine textured, medium green  
**Fall Color:** Golden  
**Fruit:** Seedless

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
1" cal., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched  
2" cal., branched

**Container**  
#7  
#10 6 foot  
#10 1" caliper  
#15 1¼" caliper  
#20 1½" caliper  
#25 1¾" caliper  
#25 2" caliper

*Gleditsia triacanthos* 'Draves' PP 21698  
**Street Keeper® Honeylocust**

Royalty \$1.00

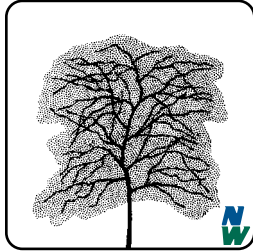


**Zone:** 4b  
**Height:** 45'  
**Spread:** 20'  
**Shape:** Narrow, strongly upright, tightly pyramidal  
**Foliage:** Dark green, fine textured  
**Fall Color:** Yellow

**Bare Root**  
5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
5 ft., branched  
6 ft., branched  
1" cal., branched  
1¼" cal., branched

*Gleditsia triacanthos* 'Suncole'  
**Sunburst® Honeylocust**

Royalty \$.75



**Zone:** 4  
**Height:** 40'  
**Spread:** 35'  
**Shape:** Irregular, somewhat rectangular outline  
**Foliage:** Bright yellow tip growth  
**Fall Color:** Yellow-brown  
**Fruit:** Seedless

**Bare Root**

- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched

**Container**

- #7
- #10 1" caliper
- #15 1¼" caliper
- #20 1½" caliper

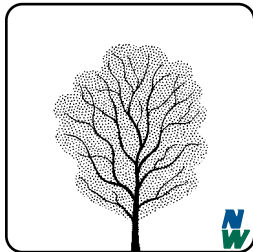


Skyline® Honeylocust

**Gymnocladus**

(Kentucky Coffee Tree)

*Gymnocladus dioicus*  
**Kentucky Coffee Tree**



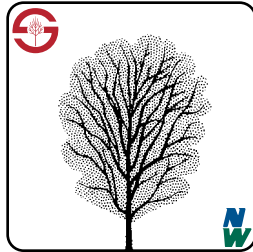
**Zone:** 4  
**Height:** 50'  
**Spread:** 35'  
**Shape:** Oval to vase with upright arching branches  
**Foliage:** Green, doubly compound  
**Fall Color:** Yellow

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 1" cal., whip
- 1¼" cal., whip
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched

*Gymnocladus dioicus* 'Espresso-JFS'  
**Espresso™ Kentucky Coffee Tree**

Royalty \$1.50



**Zone:** 4  
**Height:** 50'  
**Spread:** 35'  
**Shape:** Oval to vase with upright arching branches  
**Foliage:** Frond-like fans of delicate bluish green leaves  
**Fall Color:** Yellow  
**Fruit:** Seedless

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 9 ft., whip
- 1" cal., whip
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched
- 1¾" cal., branched
- 2" cal., branched

**Container**

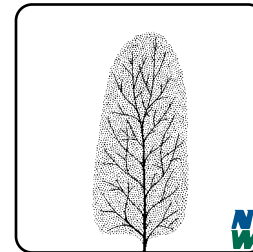
- #10 1" caliper



Skinny Latte™ Kentucky Coffee Tree

*Gymnocladus dioicus* 'Morton'  
**Skinny Latte™ Kentucky Coffee Tree**

Royalty \$1.50



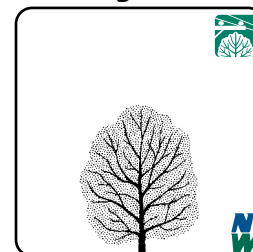
**Zone:** 4  
**Height:** 50'  
**Spread:** 18'  
**Shape:** Narrow vase, nearly columnar  
**Foliage:** Green leaflets form large, frond-like fans  
**Fall Color:** Yellow  
**Fruit:** Seedless

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 1" cal., whip
- 1¼" cal., whip
- 1" cal., branched

**Halesia** (Silverbell)

*Halesia carolina* 'UConn Wedding Bells'  
**Wedding Bells Silverbell**



**Zone:** 5  
**Height:** 20'  
**Spread:** 15'  
**Shape:** Oval  
**Foliage:** Medium green  
**Fall Color:** Yellow  
**Flower:** White, bell shaped, prolific

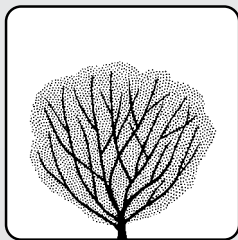
**Bare Root**

- 5 ft., branched
- 6 ft., branched

**Container**

- 3VL VigorLiner®

**Hamamelis** (Witch Hazel)



Spidery blossoms of witch hazel unfurl in late winter to bring bright sparks of living color to the awakening garden. Low-branched and multi-stemmed, with upright arching branches, they reach approximately 10'x10' at maturity.

**Container**

- #3 multi-stem
- #5 multi-stem
- #7 multi-stem

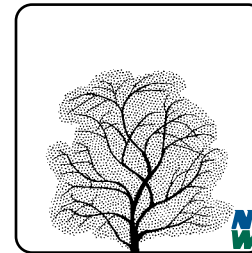


	Cultivar	Flower Color	Fall Color	Zone
NW	Arnold Promise	Yellow	Bright Yellow	5
	Diane	Crimson-red	Bright orange-red	5
NW	Jelena (Copper Beauty)	Coppery orange	Bright orange-red	5

Schmidt Introduction see page 5  
 UTILITREES selection see page 92  
 Caliper Specimens Available see page 87

**Heptacodium** (Seven-son Flower)

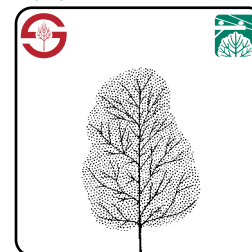
*Heptacodium miconioides*  
**Seven-son Flower**



**Zone:** 5  
**Height:** 15'  
**Spread:** 15'  
**Shape:** Low branched or multi-stem, arching  
**Foliage:** Glossy green  
**Flower:** Fragrant white clusters, red calyxes

**Container**  
 3VL VigorLiner®

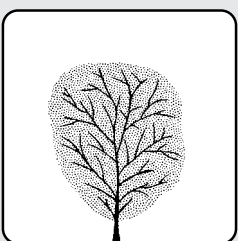
*Heptacodium miconioides* 'JFS GM1HM' PP 36716  
**Stars & Sparks® Seven-son Flower**  
 Royalty: \$2.75



**Zone:** 5  
**Height:** 18'  
**Spread:** 12'  
**Shape:** Upright oval  
**Foliage:** Dark green  
**Fall Color:** Yellow to orange  
**Flower:** White flower clusters, showy red sepals  
**Bark:** Tan, exfoliating

**Bare Root**  
 5 ft., branched  
 6 ft., branched  
 7 ft., branched  
**Container**  
 3VL VigorLiner®

**Hibiscus** (Rose of Sharon, Hibiscus)



Appreciation for its beauty grows to new heights when this classic garden shrub is presented as a small, single-trunked tree. Small green leaves grow along soft, graceful stems to set a dense, contrasting backdrop for the large, colorful multi-petaled flowers that bloom throughout the summer months and into autumn.  
**Height:** 12' | **Spread:** 8' | **Zone:** 5

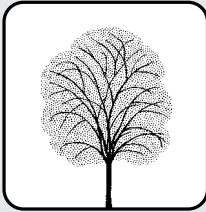
**Container**

- #5
- #7

	Cultivar	Flower	Royalty	Brand
New '25	<i>Hibiscus syriacus</i> 'ORSTHIB5X1' <b>Petite Pink Flamingo Hibiscus</b>	Single, pink	\$1.00	
	<i>Hibiscus syriacus</i> 'Minfren' <b>Bali™ Hibiscus</b>	White	\$1.05	FIRST EDITIONS SELECTED FOR SUCCESS
	<i>Hibiscus syriacus</i> 'Minspot' <b>Fiji™ Hibiscus</b>	White and pink		
	<i>Hibiscus syriacus</i> 'Mineru' <b>Tahiti™ Hibiscus</b>	Purplish pink		
NW	<i>Hibiscus syriacus</i> 'Notwoodthree' PP 20574 <b>Blue Chiffon® Rose of Sharon</b>	Blue	\$2.45	PW PROVEN WINNERS
NW	<i>Hibiscus syriacus</i> 'Notwoodone' <b>Lavender Chiffon® Rose of Sharon</b>	Lavender	\$2.30	
NW	<i>Hibiscus syriacus</i> 'Jwnwood4' PP 24336 <b>Pink Chiffon® Rose of Sharon</b>	Pink, double	\$2.45	
	<i>Hibiscus syriacus</i> 'Notwoodtwo' <b>White Chiffon® Rose of Sharon</b>	White	\$2.25	



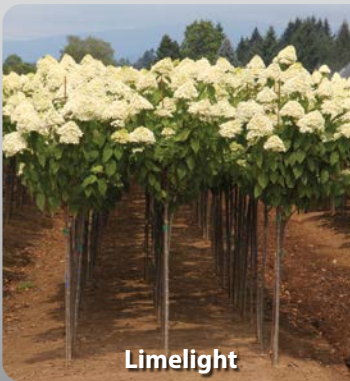
**Hydrangea** (Tree Form)



Good things come in small packages, and the same can be said for hydrangeas grown as small trees. These stunning, easy-care, tree form shrubs bring beauty to eye level and lend a formal air to container and landscape plantings. Adaptable to varied soils and hardy through USDA Zone 3, their sturdy trunks, strong stems and upright growth habit support bright waves of flowers that bloom summer through autumn. A great addition to the cutting garden, tree hydrangeas are a source of colorful, long-lasting flowers whether arranged fresh or dried.

- Bare Root**  
#1 light head  
#1 head
- Container**  
#5  
#7  
#10  
#15  
#20

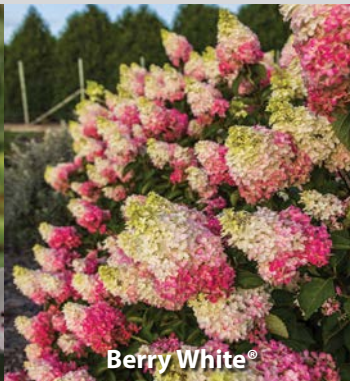
Cultivar	Available Sizes	Flower Color	Height	Spread	Royalty	Brand
<i>Hydrangea paniculata</i> 'Limelight' PP 12874 <b>Limelight Hydrangea</b>	<b>Bare Root</b> - #1 lt. head, #1 head <b>Container</b> - #7, #10, #20	Soft lime green to white	10'	7'	\$2.65	
<i>Hydrangea paniculata</i> 'Bulk' PP 16812 <b>Quick Fire® Hydrangea</b>	<b>Container</b> - #7, #10	Opens white, aging to pink	10'	8'		
<i>Hydrangea paniculata</i> 'Renba' PP 28509 <b>Berry White® Hydrangea</b>	<b>Container</b> - #7	White, progressing to dark pink	10'	8'	\$1.40	
<i>Hydrangea paniculata</i> 'Renhy' PP 20670 <b>Vanilla Strawberry™ Hydrangea</b>	<b>Container</b> - #5, #7, #10, #15	Creamy white, pink, red	10'	8'		



Limelight



Quick Fire®



Berry White®

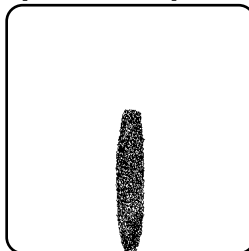


Vanilla Strawberry™

**Juniperus** (Juniper)

*Juniperus chinensis* 'Spartan'  
**Spartan Juniper**

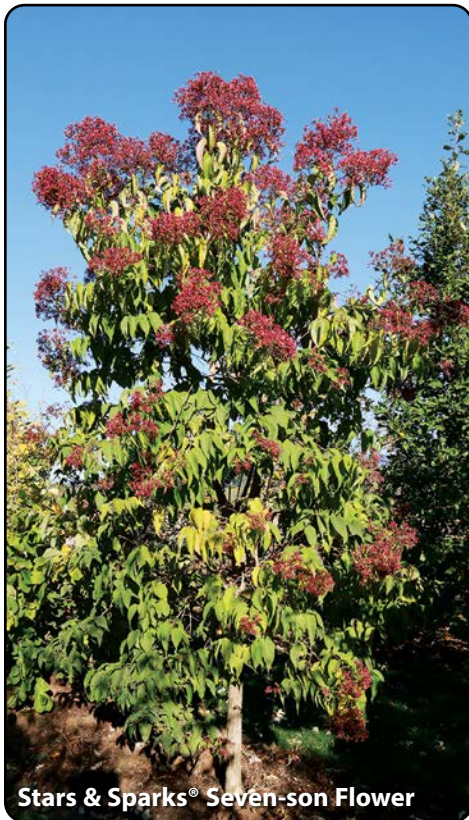
**New '26**



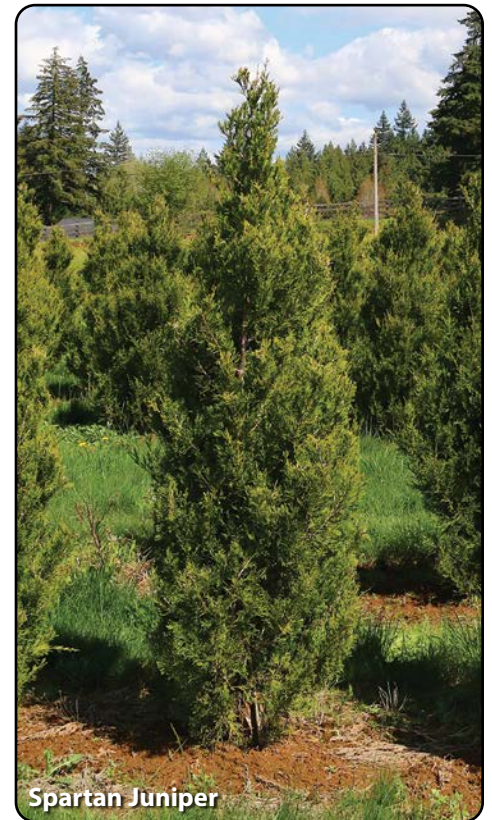
**Zone:** 4  
**Height:** 18'  
**Spread:** 5'  
**Shape:** Narrow upright column  
**Foliage:** Dark green

Spartan forms a narrow tight upright column of dark green evergreen foliage. Once established Spartan has good drought tolerance and moderate salt tolerance.

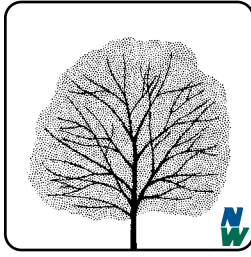
- B & B**  
4 foot  
5 foot  
6 foot  
7 foot



Stars & Sparks® Seven-son Flower



Spartan Juniper

**Koelreuteria** (Goldenrain Tree)*Koelreuteria paniculata***Goldenrain Tree**

**Zone:** 5  
**Height:** 30'  
**Spread:** 30'  
**Shape:** Rounded  
**Foliage:** Pinnately compound, medium green  
**Fall Color:** Yellow  
**Flower:** Bright yellow, in large clusters

**Bare Root**

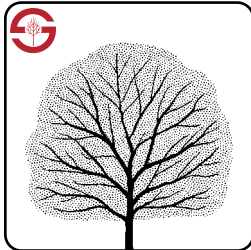
6 ft., branched  
 1" cal., branched  
 1¼" cal., branched  
 1½" cal., branched

**Container**

3VL VigorLiner®  
 #7  
 #10 6 foot

**Goldenrain Tree***Koelreuteria paniculata* 'JFS-Sunleaf'**Summerburst® Goldenrain Tree**

Royalty \$1.25



**Zone:** 5  
**Height:** 30'  
**Spread:** 30'  
**Shape:** Rounded  
**Foliage:** Pinnately compound, glossy dark green  
**Fall Color:** Yellow  
**Flower:** Bright yellow, in large clusters

**Root Bag**

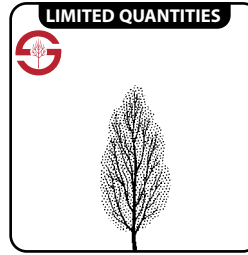
7 ft., whip  
 1¼" cal., branched

**Container**

3VL VigorLiner®

**Liquidambar** (Sweetgum)*Liquidambar styraciflua* 'Clydesform'**Emerald Sentinel® Sweetgum**

Royalty \$1.25 | Part of the Sentinel® family of trees.



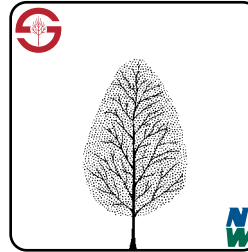
**Zone:** 5  
**Height:** 30'  
**Spread:** 12'  
**Shape:** Narrowly pyramidal to columnar  
**Foliage:** Dark green  
**Fall Color:** Yellow orange to orange

**Root Bag**

1¼" cal., branched  
 1½" cal., branched

*Liquidambar styraciflua* 'JFS KW1LS'**Firehouse® Sweetgum**

Royalty \$2.00



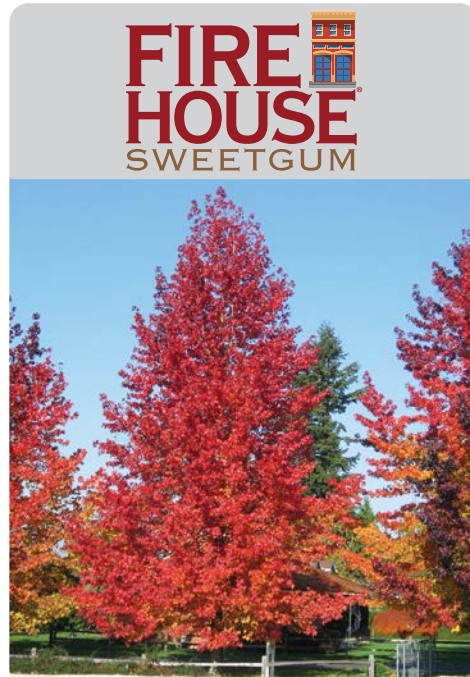
**Zone:** 6  
**Height:** 50'  
**Spread:** 25'  
**Shape:** Pyramidal  
**Foliage:** Dark green, lobed  
**Fall Color:** Bright red  
**Fruit:** Sparse

**B & B**

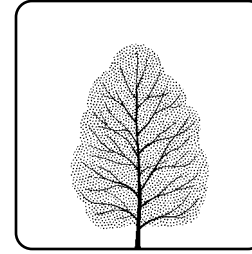
1" caliper  
 1¼" caliper  
 1½" caliper  
 1¾" caliper

**Container**

3RP VigorLiner®  
 #7  
 #25 1½" caliper  
 #25 1¾" caliper  
 #35 2" caliper



Schmidt Introduction see page 5

 selection see page 92  
 Caliper Specimens Available see page 87
*Liquidambar styraciflua* 'Rotundiloba'**Rotundiloba Sweetgum**

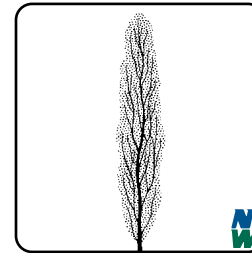
**Zone:** 5b  
**Height:** 45'  
**Spread:** 25'  
**Shape:** Pyramidal  
**Foliage:** Bright green, rounded lobes  
**Fall Color:** Orange to purple  
**Fruit:** Fruitless

**B & B**

1" caliper  
 1¼" caliper  
 1½" caliper  
 1¾" caliper

**Container**

3VL VigorLiner®  
 3RP VigorLiner®

**Slender Silhouette Sweetgum***Liquidambar styraciflua* 'Slender Silhouette'**Slender Silhouette Sweetgum**

**Zone:** 5  
**Height:** 60'  
**Spread:** 8'  
**Shape:** Tightly columnar  
**Foliage:** Dark green  
**Fall Color:** Orange to burgundy  
**Fruit:** Sparse

**Root Bag**

1¼" cal., branched  
 1½" cal., branched

**B & B**

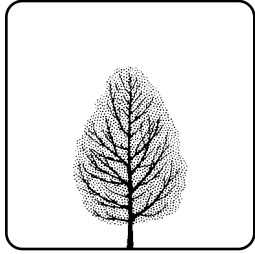
1" caliper  
 1¼" caliper  
 1½" caliper  
 1¾" caliper

**Container**

3VL VigorLiner®  
 3RP VigorLiner®  
 #7  
 #25 1½" caliper  
 #25 1¾" caliper

*Liquidambar styraciflua* 'Worplesdon'

**Worplesdon Sweetgum**



**Zone:** 6  
**Height:** 40'  
**Spread:** 25'  
**Shape:** Broadly pyramidal to oval  
**Foliage:** Green  
**Fall Color:** Orange and purple

**Root Bag**

1¼" cal., branched  
1½" cal., branched

**B & B**

1" caliper  
1¼" caliper  
1½" caliper  
1¾" caliper  
2" caliper

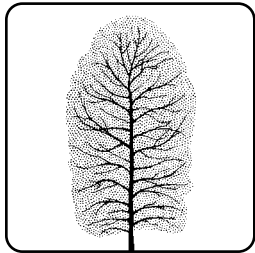
**Container**

3VL VigorLiner®  
#35 2" caliper

**Liriodendron** (Tulip Tree)

*Liriodendron tulipifera*

**Tulip Tree**



**Zone:** 5  
**Height:** 60'  
**Spread:** 30'  
**Shape:** Oval  
**Foliage:** Medium green  
**Fall Color:** Bright, clear yellow  
**Flower:** Yellow to greenish yellow with orange center

**Bare Root**

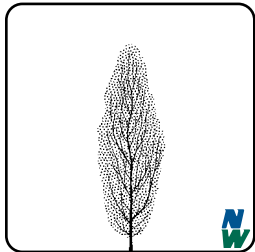
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched

**Container**

3RP VigorLiner®  
#10 1" caliper  
#15 1¼" caliper  
#20 1½" caliper

*Liriodendron tulipifera* 'Fastigiatum'

**Columnar Tulip Tree**



**Zone:** 5  
**Height:** 50'  
**Spread:** 15'  
**Shape:** Tightly fastigate  
**Foliage:** Medium green  
**Fall Color:** Bright yellow  
**Flower:** Yellow with orange center

**Bare Root**

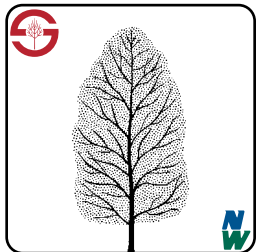
4 ft., branched  
5 ft., branched  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched



*Liriodendron tulipifera* 'JFS-Oz'

**Emerald City® Tulip Tree**

Royalty \$1.75



**Zone:** 4b  
**Height:** 55'  
**Spread:** 25'  
**Shape:** Upright oval, slightly compact  
**Foliage:** Deep green, glossy  
**Fall Color:** Bright, clear yellow  
**Flower:** Yellow to greenish yellow with orange center

**Bare Root**

4 ft., whip  
5 ft., whip  
6 ft., whip  
5 ft., branched  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched

**Root Bag**

5 ft., branched  
6 ft., branched  
1" cal., branched

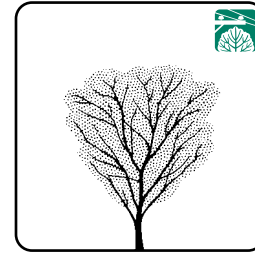
**Container**

3RP VigorLiner®  
#7  
#10 1" caliper  
#15 1¼" caliper  
#20 1½" caliper  
#25 1¾" caliper  
#25 2" caliper

**Maackia**

*Maackia amurensis*

**Amur Maackia**



**Zone:** 3  
**Height:** 25'  
**Spread:** 20'  
**Shape:** Upright vase with rounded crown  
**Foliage:** Medium green  
**Flower:** Upright white clusters

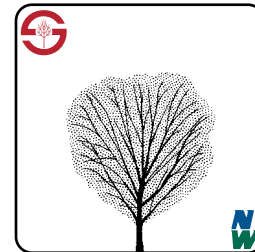
**Bare Root**

4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
5 ft., branched  
6 ft., branched  
1" cal., branched  
1¼" cal., branched

*Maackia amurensis* 'JFS-Schichtel1'

**MaacNificent® Maackia**

Royalty \$1.50



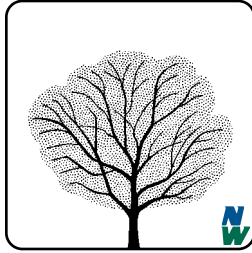
**Zone:** 3  
**Height:** 30'  
**Spread:** 22'  
**Shape:** Upright vase  
**Foliage:** Green with silvery tint  
**Fall Color:** Yellow  
**Flower:** White, in upright racemes

**Bare Root**

4 ft., branched  
5 ft., branched  
6 ft., branched  
1" cal., branched



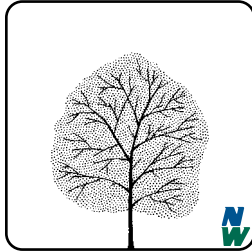
**MaacNificent® Maackia**

**Maclura** (Osage Orange)*Maclura pomifera* 'White Shield'**White Shield Osage Orange**

**Zone:** 5  
**Height:** 35'  
**Spread:** 35'  
**Shape:** Upright spreading, rounded  
**Foliage:** Glossy dark green  
**Fall Color:** Yellow  
**Fruit:** Fruitless  
**Thorns:** Thornless

**Bare Root**  
 5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 1" cal., branched  
 1¼" cal., branched

**Root Bag**  
 8 ft., whip  
 6 ft., branched  
 1" cal., branched

*Maclura pomifera* 'Wichita'**Wichita Osage Orange**

**Zone:** 5  
**Height:** 35'  
**Spread:** 35'  
**Shape:** Upright spreading, rounded  
**Foliage:** Glossy dark green  
**Fall Color:** Yellow  
**Fruit:** Fruitless

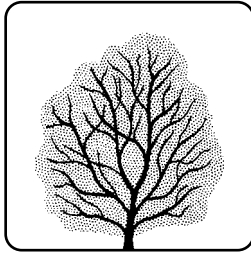
**Bare Root**  
 6 ft., branched  
 1" cal., branched  
 1¼" cal., branched



Wichita Osage Orange



Frost Blush™ Magnolia

**Magnolia***Magnolia × loebneri* 'Ballerina'**Ballerina Magnolia**

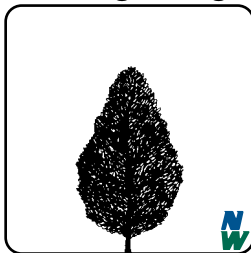
**Zone:** 4  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Rounded, low branched  
**Foliage:** Green  
**Fall Color:** Yellow-green  
**Flower:** Large, white with pink blush

**Container**  
 3RP VigorLiner®, multi-stem  
 #3 multi-stem  
 #7 multi-stem

*Magnolia grandiflora* 'D.D. Blanchard'**D.D. Blanchard Magnolia**

**Zone:** 6b  
**Height:** 35'  
**Spread:** 20'  
**Shape:** Pyramidal  
**Foliage:** Dark green, glossy  
**Fall Color:** Evergreen  
**Flower:** Large, creamy white

**Container**  
 #7

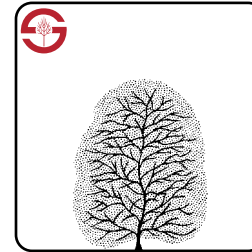
*Magnolia grandiflora* 'Edith Bogue'**Edith Bogue Magnolia**

**Zone:** 6  
**Height:** 30'  
**Spread:** 15'  
**Shape:** Pyramidal, tight  
**Foliage:** Dark green, glossy  
**Fall Color:** Evergreen  
**Flower:** Large, creamy white

**Container**  
 3RP VigorLiner®  
 #3

*Magnolia × loebneri* 'JFS GMorgenson2'**Frost Blush™ Magnolia**

Royalty: \$2.00

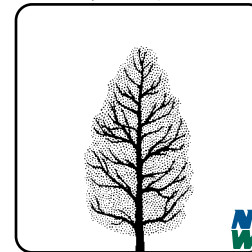


**Zone:** 4  
**Height:** 15'  
**Spread:** 10'  
**Shape:** Rounded oval  
**Foliage:** Glossy dark green  
**Fall Color:** Golden yellow  
**Flower:** White with pink blush

NEW  
2027

This Star Magnolia was discovered and selected by Greg Morgenson for its exceptional hardiness. Tolerating temperatures as low as -38 °F multiple times without any signs of damage. Can be grown as a multi-stem or single stemmed small tree reaching 20–25 feet eventually. Foliage emerges with a bronze tinge and matures to a glossy dark green. Flowers are 4-5 inches in diameter, white with a basal pink blush.

**Container**  
 #3

*Magnolia* 'Galaxy'**Galaxy Magnolia**

**Zone:** 5  
**Height:** 30'  
**Spread:** 15'  
**Shape:** Pyramidal to oval  
**Foliage:** Green  
**Flower:** Reddish purple

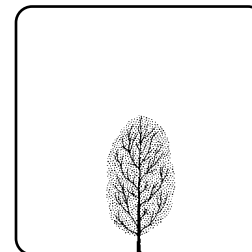
**Root Bag**  
 5 ft., branched  
 6 ft., branched  
 1" cal., branched

**B & B**  
 1" caliper  
 1¼" caliper  
 1½" caliper  
 1¾" caliper

**Container**  
 #7

*Magnolia soulangeana × liliflora* 'Nigra' PP 20748**Genie Magnolia**

Royalty \$1.80

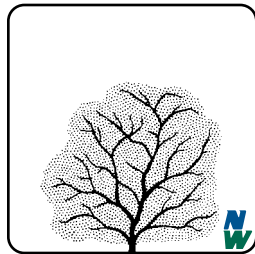


**Zone:** 5  
**Height:** 15'  
**Spread:** 7'  
**Shape:** Pyramidal to oval  
**Foliage:** Green  
**Flower:** Deep maroon purple

**Container**  
 #3

*Magnolia* × *loebneri* 'Leonard Messel'

**Leonard Messel Magnolia**



**Zone:** 4  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Rounded, low branched  
**Foliage:** Green  
**Flower:** Deep pink

**Root Bag**

2 foot, multi-stem  
3 foot, multi-stem

**Container**

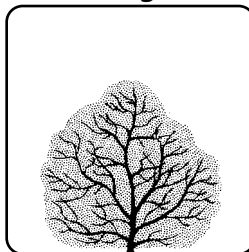
3RP VigorLiner®, multi-stem  
#3 multi-stem  
#7 multi-stem



**Spring Welcome® Magnolia**

*Magnolia* × *loebneri* 'Merrill' ('Dr. Merrill')

**Merrill Magnolia**



**Zone:** 4  
**Height:** 25'  
**Spread:** 25'  
**Shape:** Rounded, low branched  
**Foliage:** Green  
**Fall Color:** Yellow-green  
**Flower:** Large, white

**Root Bag**

2 foot, multi-stem  
3 foot, multi-stem

**Container**

#3 multi-stem

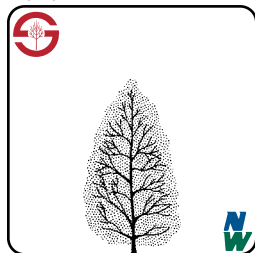


**Mercury® Magnolia**

*Magnolia* 'NCMX1' PP 29218

**Mercury® Magnolia**

Royalty \$1.75



**Zone:** 5  
**Height:** 25'  
**Spread:** 15'  
**Shape:** Upright pyramidal  
**Foliage:** Dark green  
**Fall Color:** Yellow  
**Flower:** Bright lavender pink, fragrant

**B & B**

1¼" caliper  
1½" caliper  
1¾" caliper

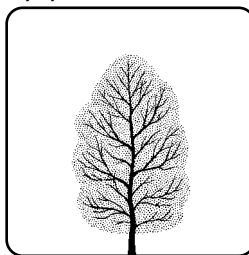
**Container**

3RP VigorLiner®  
#3

*Magnolia virginiana* 'Jim Wilson'

**Moonglow® Magnolia**

Royalty \$.90



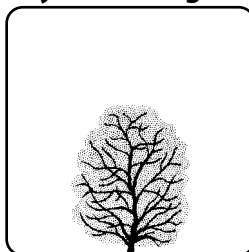
**Zone:** 4b  
**Height:** 35'  
**Spread:** 18'  
**Shape:** Upright oval  
**Foliage:** Green, evergreen to semi-evergreen  
**Flower:** Creamy white, fragrant

**Container**

#3  
#7

*Magnolia stellata* 'Royal Star'

**Royal Star Magnolia**



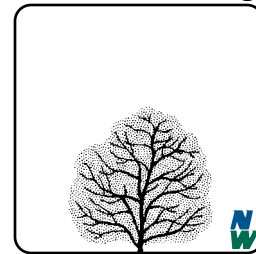
**Zone:** 5  
**Height:** 15'  
**Spread:** 10'  
**Shape:** Upright spreading shrub, rounded  
**Foliage:** Green  
**Fall Color:** Yellow to bronze  
**Flower:** White

**Container**

3RP VigorLiner®, multi-stem  
#3 multi-stem  
#7 multi-stem  
#15 5 foot, multi-stem

*Magnolia* × *soulangeana* 'Rustica Rubra'

**Rustica Rubra Magnolia**



**Zone:** 5  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Upright spreading, rounded  
**Foliage:** Green  
**Fall Color:** Yellow-brown  
**Flower:** Large, rose-red

**Root Bag**

5 ft., branched  
6 ft., branched  
1" cal., branched

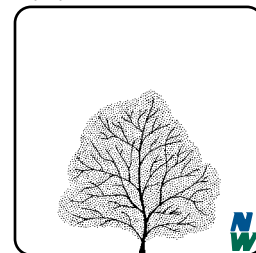
**Container**

3RP VigorLiner®  
#3  
#7  
#15 1¼" caliper

*Magnolia* × *loebneri* 'Ruth' P.A.F.

**Spring Welcome® Magnolia**

Royalty \$.80



**Zone:** 3  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Dense oval to rounded  
**Foliage:** Dark green  
**Fall Color:** Yellow green to bronze  
**Flower:** Pale pink in bud, opening to white

**Root Bag**

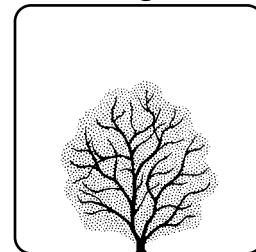
3 foot, multi-stem  
4 foot, multi-stem

**Container**

3RP VigorLiner®, multi-stem  
#3 multi-stem

*Magnolia liliflora* × *stellata* 'Susan'

**Susan Magnolia**



**Zone:** 4  
**Height:** 10'  
**Spread:** 10'  
**Shape:** Upright spreading  
**Foliage:** Medium green  
**Flower:** Reddish-purple

**Root Bag**

3 foot, multi-stem

**Container**

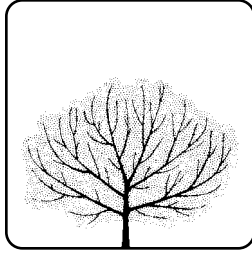
3RP VigorLiner®, multi-stem  
#3 multi-stem  
#7 multi-stem  
#15 5 foot, multi-stem



**Genie Magnolia**

**Malus** (Crabapple)

Malus 'Adams'

**Adams Crabapple**

**Zone:** 4  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Dense, rounded  
**Foliage:** Green, with red tint in spring  
**Flower:** Pink  
**Fruit:** Red, 5/8", persistent

**DISEASE RESISTANCE:**

Scab: Good Fireblight: Excel.

Cedar-Apple Rust: Excel. Mildew: Good

**Bare Root**

6 ft., branched  
 7 ft., branched  
 1" cal., branched

**Adirondack Crabapple**

Malus 'Adirondack'

**Adirondack Crabapple**

**Zone:** 4  
**Height:** 18'  
**Spread:** 10'  
**Shape:** Densely upright, an inverted cone  
**Foliage:** Medium green  
**Flower:** White  
**Fruit:** Bright red, 1/2"

**DISEASE RESISTANCE:**

Scab: Excel. Fireblight: Excel.

Cedar-Apple Rust: Excel. Mildew: Excel.

**Bare Root**

5 ft., whip  
 6 ft., whip  
 4 ft., branched  
 5 ft., branched  
 6 ft., branched  
 7 ft., branched  
 1" cal., branched

**Container**

#10 6 foot  
 #15 1 1/4" caliper

Malus 'JFS GM272MX'

**Coral Spear™ Crabapple**

Royalty \$2.75 | Part of the Spear® family of trees.



**Zone:** 4  
**Height:** 20'  
**Spread:** 8'  
**Shape:** Narrow upright column  
**Foliage:** Dark green  
**Flower:** Pink  
**Fruit:** Yellow to golden orange 1/2"

**DISEASE RESISTANCE:**

Scab: Excel. Fireblight: Excel.

Cedar-Apple Rust: Excel. Mildew: Excel.

Deep pink buds open to pink flowers that retain their color through the flowering season. This narrow upright crabapple maintains its dark green disease-free foliage throughout the growing season. Small yellow to golden orange fruits appear in the fall.

**Bare Root**

4 ft., whip  
 5 ft., whip  
 7/8" cal., branched  
 1" cal., branched

Schmidt Introduction see page 5

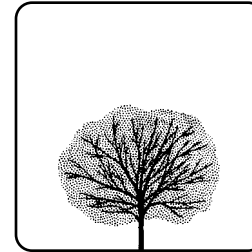
UTILITREES selection see page 92

Caliper Specimens Available see page 87

Malus 'Coralcole'

**Coralburst® Crabapple**

Royalty \$.75



**Zone:** 4  
**Height:** 15'  
**Spread:** 15'  
**Shape:** Compact, dense, round  
**Foliage:** Dark green  
**Flower:** Coral pink buds, double rose colored flowers  
**Fruit:** Yellow-green, 3/8"-1/2"

**DISEASE RESISTANCE:**

Scab: Fair Fireblight: Excel.

Cedar-Apple Rust: Excel. Mildew: Excel.

**Bare Root**

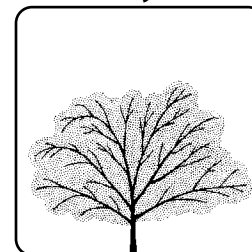
4' graft, #1 light head  
 4' graft, #1 head  
 4' graft, heavy select

**Container**

#10 4' graft, #1 head  
 #15 4' graft, heavy select

**Coralburst® Crabapple**

Malus 'Donald Wyman'

**Donald Wyman Crabapple**

**Zone:** 4  
**Height:** 20'  
**Spread:** 24'  
**Shape:** Rounded  
**Foliage:** Green  
**Flower:** White  
**Fruit:** Red, 3/8", persistent

**DISEASE RESISTANCE:**

Scab: Good Fireblight: Fair

Cedar-Apple Rust: Excel. Mildew: Good

**Bare Root**

6 ft., branched  
 7 ft., branched  
 1" cal., branched

**CORAL  
 SPEAR™**  
 UPRIGHT CRABAPPLE



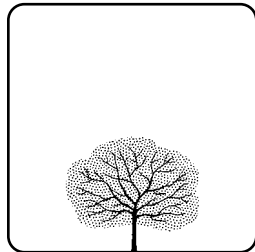
Coral Spear™ Crabapple joins Ivory Spear® and Raspberry Spear® in our Spear® family of trees. It brings a narrow, upright burst of soft pink to the spring landscape. Its flowers emerge pink and maintain their color throughout the blooming season.



This icon in the lower right hand corner of the illustrations indicates that the variety is also grown as a specimen tree. See page 87 for details.

*Malus sargentii* 'Select A'  
**Firebird® Crabapple**

Royalty \$1.00



**Zone:** 4  
**Height:** 8'  
**Spread:** 10'  
**Shape:** Rounded, spreading  
**Foliage:** Dark green  
**Flower:** White, opening from red buds  
**Fruit:** Bright red, 3/8", persistent

**DISEASE RESISTANCE:**

**Scab:** Excel. **Fireblight:** Excel.  
**Cedar-Apple Rust:** Excel. **Mildew:** Excel.

**Bare Root**

4' graft, #1 light head  
4' graft, #1 head  
4' graft, heavy select

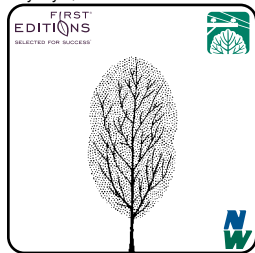
**Container**

#15 4' graft, #1 head

*Malus x adstringens* 'Durleo' PP 20167

**Gladiator™ Crabapple**

Royalty \$1.70



**Zone:** 2  
**Height:** 20'  
**Spread:** 10'  
**Shape:** Narrow oval  
**Foliage:** Bronze purple  
**Fall Color:** Dark purple  
**Flower:** Bright pink  
**Fruit:** Reddish purple, 3/8"

**DISEASE RESISTANCE:**

**Scab:** Excel. **Fireblight:** Excel.  
**Cedar-Apple Rust:** Excel. **Mildew:** Excel.

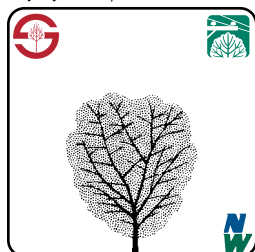
**Bare Root**

5 ft., whip  
5 ft., branched  
6 ft., branched  
7 ft., branched

*Malus* 'Schmidcutleaf'

**Golden Raindrops® Crabapple**

Royalty \$1.25 | Part of the Raindrops™ family of trees.



**Zone:** 3  
**Height:** 20'  
**Spread:** 15'  
**Shape:** Upright vase  
**Foliage:** Green, deeply cut  
**Flower:** White  
**Fruit:** Golden yellow, 1/4"

**DISEASE RESISTANCE:**

**Scab:** Excel. **Fireblight:** Poor  
**Cedar-Apple Rust:** Excel. **Mildew:** Excel.

**Bare Root**

5 ft., branched  
6 ft., branched  
7 ft., branched  
1" cal., branched  
1 1/4" cal., branched

**Container**

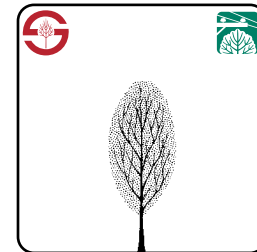
#10 1" caliper  
#15 1 1/4" caliper



*Malus* 'JFS KW214MX' PP 31076

**Ivory Spear® Crabapple**

Royalty \$2.75 | Part of the Spear® family of trees.



**Zone:** 4  
**Height:** 18'  
**Spread:** 7'  
**Shape:** Narrow, tightly columnar  
**Foliage:** Dark green  
**Flower:** White  
**Fruit:** Bright red, 1/2"

**DISEASE RESISTANCE:**

**Scab:** Excel. **Fireblight:** Excel.  
**Cedar-Apple Rust:** Excel. **Mildew:** Excel.

**Bare Root**

3 ft., whip  
4 ft., whip  
7/8" cal., branched  
1" cal., branched  
1 1/4" cal., branched  
1 1/2" cal., branched

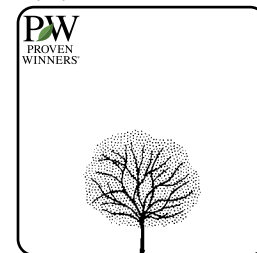
**Container**

#10 1" caliper  
#15 1 1/4" caliper  
#20 1 1/2" caliper

*Malus* 'Lollizam'

**Lollipop® Crabapple**

Royalty \$3.00



**Zone:** 4  
**Height:** 10'  
**Spread:** 10'  
**Shape:** Round, compact  
**Foliage:** Green  
**Flower:** White  
**Fruit:** Bright red, 3/8"

**DISEASE RESISTANCE:**

**Scab:** Good **Fireblight:** Good  
**Cedar-Apple Rust:** Excel. **Mildew:** Excel.

**Bare Root**

4' graft, #1 light head  
4' graft, #1 head  
4' graft, heavy select

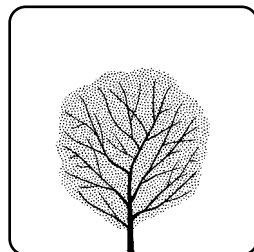
**Container**

#10 4' graft, #1 head  
#15 4' graft, #1 head  
#15 4' graft, heavy select

*Malus* 'Hargozam'

**Harvest Gold® Crabapple**

Royalty \$.75



**Zone:** 4  
**Height:** 22'  
**Spread:** 18'  
**Shape:** Upright oval  
**Foliage:** Dark green  
**Flower:** White  
**Fruit:** Yellow, 1/2", persistent

**DISEASE RESISTANCE:**

**Scab:** Fair **Fireblight:** Fair  
**Cedar-Apple Rust:** Good **Mildew:** Good

**Bare Root**

6 ft., branched  
7 ft., branched  
1" cal., branched

**Container**

#10 1" caliper  
#15 1 1/4" caliper

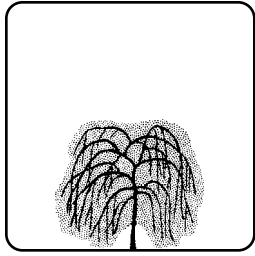


**Golden Raindrops® Crabapple**

NAME	SIZE		SHAPE	FOLIAGE	FLOWER	FRUIT	DISEASE RESISTANCE			
	H	W					SCAB	FIRE-BLIGHT	CEDAR-APPLE RUST	MILDEW
Adams	20'	20'	Dense, rounded	Green with reddish tint in spring	Deep pink buds open to pink blooms, single	Red, 5/8", persistent	Good	Excel.	Excel.	Good
Adirondack	18'	10'	Densely upright, inverted cone	Medium green	White	Bright red, 1/2"	Excel.	Excel.	Excel.	Excel.
Coral Spear™	20'	8'	Narrow upright column	Dark green	Pink	Yellow to golden orange, 1/2"	Excel.	Excel.	Excel.	Excel.
Coralburst®	15'	15'	Compact, dense, rounded	Dark green	Coral pink buds, double rose colored flowers	Bronze, 1/2"	Fair	Excel.	Excel.	Excel.
Donald Wyman	20'	24'	Rounded	Medium green, glossy and clean	Single, white	Bright red, 3/8", abundant, persistent	Good	Fair	Excel.	Good
Firebird®	8'	10'	Rounded, spreading	Dark green	White, opening from red buds	Bright red, 3/8", persistent	Excel.	Excel.	Excel.	Excel.
Gladiator™	20'	10'	Narrow oval	Bronze purple	Bright pink	Reddish purple, 3/8"	Excel.	Excel.	Excel.	Excel.
Golden Raindrops®	20'	15'	Upright, vase shaped	Green, deeply cut	Delicate and starlike, white, profuse	Golden yellow and tiny, 1/4"	Excel.	Poor	Excel.	Excel.
Harvest Gold®	22'	18'	Upright oval	Dark green	White	Yellow, 1/2", persistent	Fair	Fair	Good	Good
Ivory Spear®	18'	7'	Narrow, tightly columnar	Dark green	White	Bright red, 1/2"	Excel.	Excel.	Excel.	Excel.
Lollipop®	10'	10'	Round, compact	Green	White	Bright red, 3/8"	Good	Good	Excel.	Excel.
Louisa	10'	12'	Weeping	Dark green, glossy	True pink	Yellow, 3/8"	Excel.	Good	Good	Good
Marilee®	24'	10'	Narrow upright, inverted cone	Medium green	Double, large white	Virtually fruitless	Good	Good	Good	Excel.
Perfect Purple	20'	20'	Rounded	Deep purple	Deep pink to rose red	Purple red, 1/2"	Fair	Fair	Good	Excel.
Prairie Rose	20'	18'	Rounded	Medium green	Double, deep pink, fragrant	Usually fruitless	Good	Fair	Poor	Good
Prairifire	20'	20'	Upright, spreading, becoming rounded	Red-maroon, aging reddish green	Crimson buds, bright pinkish red, single flowers	Dark red, 3/8"-1/2", persistent	Excel.	Good	Excel.	Excel.
Purple Prince	20'	20'	Rounded	Purple, becoming bronze green	Rose red	Maroon, 3/8"-1/2"	Excel.	Good	Excel.	Good
Radiant	25'	20'	Broad, rounded crown	Red-purple when young, maturing to green.	Deep red buds, single deep pink flowers	Bright red, 1/2"	Poor	Excel.	Good	Fair
Raspberry Spear®	20'	8'	Narrow upright column	Purple	Magenta pink	Maroon to deep red, 1/2", persistent	Excel.	Excel.	Excel.	Excel.
Red Barron	18'	8'	Narrow, columnar	Reddish-purple, maturing to bronze-green	Dark red, single	Dark red, 1/2"	Fair	Good	Excel.	Excel.
Red Jewel™	15'	12'	Upright and pyramidal	Green	Pure white, single	Brilliant red, 1/2", persistent	Good	Fair	Excel.	Good
Rejoice™	20'	18'	Rounded	Bronze green	Pale rose-pink	Deep red, 1/2"	Good	Good	Good	Excel.
Royal Raindrops®	20'	15'	Upright, spreading	Purple, cutleaf	Bright pinkish-red	Red, 1/4", persistent	Excel.	Good	Excel.	Good
Ruby Dayze®	22'	16'	Upright, tightly oval	Purple red, becoming bronze	Bright magenta-pink	Deep red, 1/4"	Excel.	Excel.	Excel.	Excel.
Sargent	8'	12'	Low, horizontally spreading dwarf	Dark green	Profuse, single, white, 1/2", fragrant	Small, 1/4"-1/8", profuse, dark red, persistent	Excel.	Excel.	Excel.	Excel.
Sargent Tina	5'	6'	Small rounded dwarf tree	Medium green, small leaves	Bright red buds opening to single white flowers	Bright red, 1/4"	Excel.	Good	Excel.	Excel.
Snow Crystal®	15'	12'	Pyramidal, compact	Dark green	Single bright white, opening from pink buds	Yellow to golden orange, 1/4"	Excel.	Excel.	Excel.	Excel.
Snowdrift	20'	20'	Upright spreading, rounded and dense	Bright green, glossy	Buds pink, flowers single, white.	Orange, small, less than 3/8", persistent	Good	Fair	Excel.	Excel.
Sparkling Sprite®	12'	12'	Compact, dense, round	Bright green	White, opening from pink buds	Yellow to golden orange, 1/4"	Excel.	Excel.	Excel.	Excel.
Spring Snow	25'	22'	Dense, oval	Medium green	Pure white, fragrant, single	Nearly sterile. Excellent for patios & courtyards.	Poor	Fair	Good	Excel.
Sugar Tyme®	18'	15'	Upright spreading, oval	Green	Pale pink buds, white, single flowers	Red, 1/2", persistent	Good	Good	Excel.	Excel.
Tschonoskii	28'	14'	Upright, narrow oval	Silvery green to green	White	Greenish, 1", sparse	Good	Fair	Excel.	Excel.

Malus 'Louisa'

**Louisa Crabapple**



**Zone:** 4  
**Height:** 10'  
**Spread:** 12'  
**Shape:** Weeping  
**Foliage:** Dark green, glossy  
**Flower:** True pink  
**Fruit:** Yellow, 3/8"

**DISEASE RESISTANCE:**

**Scab:** Excel. **Fireblight:** Good  
**Cedar-Apple Rust:** Good **Mildew:** Good

**Bare Root**

#1 light head  
#1 head

**Container**

#10 #1 head



Marilee® Crabapple

Malus 'Jarmin'

**Marilee® Crabapple**

Royalty \$1.00



**Zone:** 4  
**Height:** 24'  
**Spread:** 10'  
**Shape:** Narrow upright, inverted cone  
**Foliage:** Medium green  
**Flower:** Double, large white  
**Fruit:** Virtually fruitless

**DISEASE RESISTANCE:**

**Scab:** Good **Fireblight:** Good  
**Cedar-Apple Rust:** Good **Mildew:** Excel.

**Bare Root**

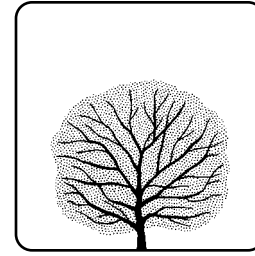
4 ft., whip  
5 ft., whip  
6 ft., whip  
6 ft., branched  
7 ft., branched  
1" cal., branched  
1 1/4" cal., branched

**Container**

#15 1 1/4" caliper

Malus 'Perfect Purple'

**Perfect Purple Crabapple**



**Zone:** 4  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Rounded  
**Foliage:** Deep purple  
**Fall Color:** Purple  
**Flower:** Deep pink to rose red  
**Fruit:** Purple red, 1/2"

**DISEASE RESISTANCE:**

**Scab:** Fair **Fireblight:** Fair  
**Cedar-Apple Rust:** Good **Mildew:** Excel.

**Bare Root**

4 ft., branched  
5 ft., branched  
6 ft., branched  
7 ft., branched  
1" cal., branched

**Container**

#7  
#10 1" caliper #15 1 1/4" caliper



Perfect Purple Crabapple

## Rootstocks for Crabapples

Our ornamental crabapples are offered on three distinct apple understocks; domestic, hardy seedling and RightRoot® crabapple rootstock.

### Domestic

This "old standard" rootstock still gives the best growth rate and produces a very uniform, deep root system. Roots go deep to find water in dry areas, and provide extremely good anchorage. Its main disadvantage is heavy suckering. It is also slightly less cold hardy.

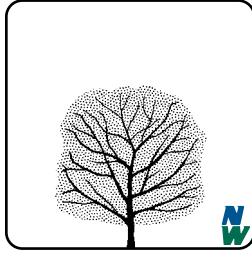
### Hardy Crabapple Seedling

Dolgo crabapple seedlings are excellent rootstocks for the coldest areas. They produce well-branched root systems, and have a growth rate that is close to that of Domestic. This is the rootstock to have in areas where temperatures drop to -30 °F. with no snow cover. In years of Dolgo seed shortage, we may substitute different but equally hardy crab seedlings, such as *Malus antonovka*.

## Right Root® CRABAPPLE ROOTSTOCK

Ornamental crabapples are truly trouble free garden trees when grown on RightRoot® crabapple rootstock. Proven to be the best all-around performer in our multi-year trials, this time-tested clonal understock virtually **eliminates suckering**. In addition to having the lowest number of basal suckers in our tests, trees grown on RightRoot® understocks have better anchorage and vigorous growth rate. Additional reasons to choose this improved understock include:

- Extremely cold hardy
- Growth rate is close to that of domestic
- Produces a faster growing tree than EMLA 111
- Resists collar rot
- Does not develop burr knot
- Symmetrical root structure is a good balance of fibrous and structural roots
- Adapts well to various soils, including wet or dry sites

*Malus ioensis* 'Prairie Rose'**Prairie Rose Crabapple**

**Zone:** 4  
**Height:** 20'  
**Spread:** 18'  
**Shape:** Rounded  
**Foliage:** Medium green  
**Flower:** Double, deep pink, fragrant  
**Fruit:** Usually fruitless

**DISEASE RESISTANCE:**

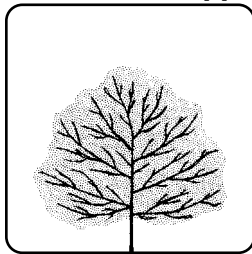
**Scab:** Good **Fireblight:** Fair  
**Cedar-Apple Rust:** Poor **Mildew:** Good

**Bare Root**

4 ft., branched  
 5 ft., branched  
 6 ft., branched  
 7 ft., branched  
 1" cal., branched

**Container**

#7  
 #10 1" caliper  
 #15 1¼" caliper

**Prairie Rose Crabapple***Malus* 'Prairifire'**Prairifire Crabapple**

**Zone:** 4  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Upright, spreading, rounded  
**Foliage:** Purple, becoming reddish green  
**Flower:** Bright pinkish red  
**Fruit:** Dark red, ¾" - ½"

**DISEASE RESISTANCE:**

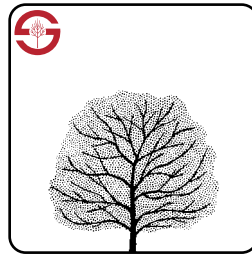
**Scab:** Excel. **Fireblight:** Good  
**Cedar-Apple Rust:** Excel. **Mildew:** Excel.

**Bare Root**

3 ft., whip  
 4 ft., whip  
 5 ft., whip  
 5 ft., branched  
 6 ft., branched  
 7 ft., branched  
 1" cal., branched  
 2 foot, multi-stem  
 3 foot, multi-stem  
 4 foot, multi-stem

**Container**

#3  
 #7  
 #10 1" caliper  
 #15 1¼" caliper

**Purple Prince Crabapple***Malus* 'Purple Prince'**Purple Prince Crabapple**

**Zone:** 4  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Rounded  
**Foliage:** Purple, becoming bronze green  
**Flower:** Rose red  
**Fruit:** Maroon, ¾" - ½"

**DISEASE RESISTANCE:**

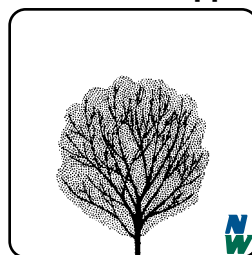
**Scab:** Excel. **Fireblight:** Good  
**Cedar-Apple Rust:** Excel. **Mildew:** Good

**Bare Root**

5 ft., branched  
 6 ft., branched  
 7 ft., branched  
 1" cal., branched  
 1¼" cal., branched  
 1½" cal., branched

**Container**

#10 1" caliper  
 #15 1¼" caliper

*Malus* 'Radiant'**Radiant Crabapple**

**Zone:** 3  
**Height:** 25'  
**Spread:** 20'  
**Shape:** Broad, round crown  
**Foliage:** New leaves red-purple, mature to bronze-green  
**Flower:** Deep red buds, single pink blooms  
**Fruit:** Bright red, ½"

**DISEASE RESISTANCE:**

**Scab:** Poor **Fireblight:** Excel.  
**Cedar-Apple Rust:** Good **Mildew:** Fair

**Bare Root**

4 ft., branched  
 5 ft., branched  
 6 ft., branched  
 7 ft., branched  
 1" cal., branched  
 1¼" cal., branched

**Container**

#7  
 #10 1" caliper  
 #15 1¼" caliper  
 #20 1½" caliper  
 #25 1¾" caliper

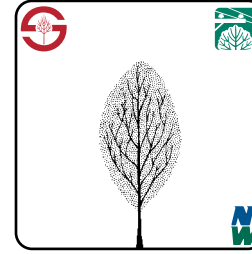
Schmidt Introduction see page 5

UTILITREES selection see page 92

Caliper Specimens Available see page 87

*Malus* 'JFS KW213MX' PP 31008**Raspberry Spear® Crabapple**

Royalty \$2.75 | Part of the Spear® family of trees.



**Zone:** 4  
**Height:** 20'  
**Spread:** 8'  
**Shape:** Narrow upright column  
**Foliage:** Purple  
**Flower:** Magenta pink  
**Fruit:** Maroon to deep red, ½", persistent

**DISEASE RESISTANCE:**

**Scab:** Excel. **Fireblight:** Excel.  
**Cedar-Apple Rust:** Excel. **Mildew:** Excel.

**Bare Root**

4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 ¾" cal., branched  
 ⅞" cal., branched  
 1" cal., branched  
 1¼" cal., branched  
 1½" cal., branched  
 1¾" cal., branched

Bare Root (low branch) ...10-49

1" cal., branched  
 1¼" cal., branched  
 1½" cal., branched  
 1¾" cal., branched

50-Up

**Container**

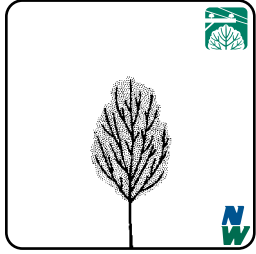
#10 1" caliper  
 #15 1¼" caliper  
 #20 1½" caliper  
 #25 1¾" caliper  
 #25 2" caliper  
 #20 1½" caliper, low branch

**RASPBERRY  
 SPEAR®**  
 UPRIGHT CRABAPPLE



Malus 'Red Barron'

**Red Barron Crabapple**



**Zone:** 4  
**Height:** 18'  
**Spread:** 8'  
**Shape:** Narrow, columnar  
**Foliage:** Purple, maturing to bronze-green  
**Flower:** Dark red  
**Fruit:** Dark red, ½"

**DISEASE RESISTANCE:**

**Scab:** Fair **Fireblight:** Good  
**Cedar-Apple Rust:** Excel. **Mildew:** Excel.

**Bare Root**

- 4 ft., branched
- 5 ft., branched
- 6 ft., branched
- 7 ft., branched

Malus 'Jewelcole'

**Red Jewel™ Crabapple**

Royalty .75



**Zone:** 4  
**Height:** 15'  
**Spread:** 12'  
**Shape:** Upright, pyramidal  
**Foliage:** Green  
**Flower:** White  
**Fruit:** Red, ½", very persistent

**DISEASE RESISTANCE:**

**Scab:** Good **Fireblight:** Fair  
**Cedar-Apple Rust:** Excel. **Mildew:** Good

**Bare Root**

- 5 ft., whip
- 6 ft., whip
- 5 ft., branched
- 6 ft., branched
- 7 ft., branched
- 1" cal., branched
- 2 foot, multi-stem

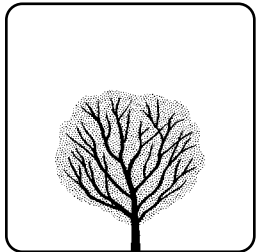
**Container**

- #15 1¼" caliper

Malus 'Rejzam'

**Rejoice™ Crabapple**

Royalty \$.75



**Zone:** 4  
**Height:** 20'  
**Spread:** 18'  
**Shape:** Rounded  
**Foliage:** Bronze green  
**Flower:** Pale rose-pink  
**Fruit:** Deep red, ½"

**DISEASE RESISTANCE:**

**Scab:** Good **Fireblight:** Good  
**Cedar-Apple Rust:** Good **Mildew:** Excel.

**Bare Root**

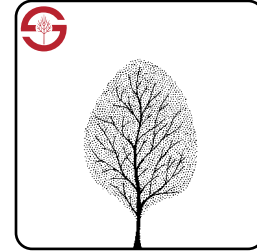
- 5 ft., branched
- 6 ft., branched
- 7 ft., branched
- 1" cal., branched



Malus 'JFS KW139MX' PP 31232

**Ruby Dayze® Crabapple**

Royalty \$2.00 | Part of the Dayze™ family of trees.



**Zone:** 4  
**Height:** 22'  
**Spread:** 16'  
**Shape:** Upright, tightly oval  
**Foliage:** Purple red, becoming bronze  
**Fall Color:** Orange-red  
**Flower:** Bright magenta-pink  
**Fruit:** Deep red, ¼"

**DISEASE RESISTANCE:**

**Scab:** Excel. **Fireblight:** Excel.  
**Cedar-Apple Rust:** Excel. **Mildew:** Excel.

**Bare Root**

- 4 ft., branched
- 5 ft., branched
- 6 ft., branched
- 7 ft., branched
- 1" cal., branched
- 1¼" cal., branched

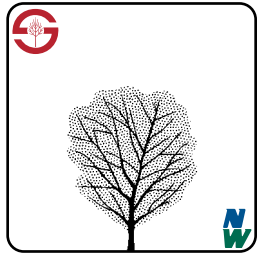
**Container**

- #7
- #10 1" caliper
- #15 1¼" caliper

Malus 'JFS-KW5'

**Royal Raindrops® Crabapple**

Royalty \$2.00 | Part of the Raindrops™ family of trees.



**Zone:** 4  
**Height:** 20'  
**Spread:** 15'  
**Shape:** Upright spreading  
**Foliage:** Purple, cutleaf  
**Fall Color:** Orange-red  
**Flower:** Bright pinkish red  
**Fruit:** Red, ¼", persistent

**DISEASE RESISTANCE:**

**Scab:** Excel. **Fireblight:** Good  
**Cedar-Apple Rust:** Excel. **Mildew:** Good

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 4 ft., branched
- 5 ft., branched
- 6 ft., branched
- 7 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 2 foot, multi-stem
- 3 foot, multi-stem
- 4 foot, multi-stem
- 5 foot, multi-stem
- 6 foot, multi-stem

**Container**

- #3
- #5
- #7
- #10 1" caliper
- #15 1¼" caliper
- #20 1½" caliper
- #7 multi-stem
- #10 multi-stem
- #15 5 foot, multi-stem



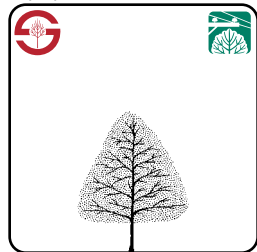
# Snow Crystal<sup>®</sup> Crabapple



Malus 'JFS KW218MX' PP 34356

## Snow Crystal<sup>®</sup> Crabapple

Royalty \$2.00



**Zone:** 4  
**Height:** 15'  
**Spread:** 12'  
**Shape:** Pyramidal, compact  
**Foliage:** Dark green  
**Flower:** Single bright white, opening from pink buds  
**Fruit:** Yellow to golden orange, ¼"

### DISEASE RESISTANCE:

**Scab:** Excel. **Fireblight:** Excel.  
**Cedar-Apple Rust:** Excel. **Mildew:** Excel.

### Bare Root

⅝" cal., branched  
¾" cal., branched  
⅞" cal., branched  
1" cal., branched  
1¼" cal., branched

### Container

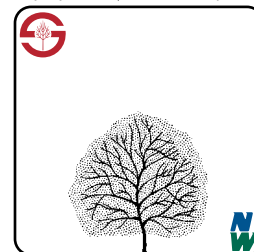
#7  
#10 1" caliper  
#15 1¼" caliper

Schmidt Introduction see page 5  
 UTILITREES selection see page 92  
 Caliper Specimens Available see page 87

Malus 'JFS-KW207' PP 27954

## Sparkling Sprite<sup>®</sup> Crabapple

Royalty \$2.00 | Part of the Sprite™ family of trees.



**Zone:** 4  
**Height:** 12'  
**Spread:** 12'  
**Shape:** Compact, dense, round  
**Foliage:** Bright green  
**Flower:** White opening from pink buds  
**Fruit:** Yellow to golden orange, ¼", persistent

### DISEASE RESISTANCE:

**Scab:** Excel. **Fireblight:** Excel.  
**Cedar-Apple Rust:** Excel. **Mildew:** Excel.

### Bare Root

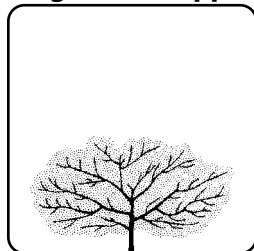
4' graft, #1 light head  
4' graft, #1 head  
4' graft, heavy select

### Container

#15 4' graft, #1 head  
#25 4' graft, #1 head

Malus sargentii

## Sargent Crabapple



**Zone:** 5  
**Height:** 8'  
**Spread:** 12'  
**Shape:** Low, spreading  
**Foliage:** Dark green  
**Flower:** White  
**Fruit:** Bright red, ¼", persistent

### DISEASE RESISTANCE:

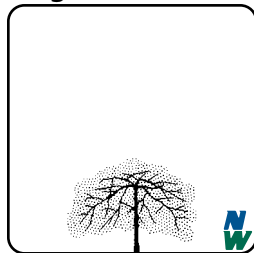
**Scab:** Excel. **Fireblight:** Excel.  
**Cedar-Apple Rust:** Excel. **Mildew:** Excel.

### Bare Root

⅝" cal., branched  
¾" cal., branched  
⅞" cal., branched  
1" cal., branched  
1¼" cal., branched  
3 foot, multi-stem  
4 foot, multi-stem  
5 foot, multi-stem

Malus sargentii 'Tina'

## Sargent Tina Crabapple



**Zone:** 4  
**Height:** 5'  
**Spread:** 6'  
**Shape:** Small rounded dwarf tree  
**Foliage:** Medium green, small leaves  
**Flower:** Bright red buds opening to single white flowers  
**Fruit:** Bright red, ⅝"

### DISEASE RESISTANCE:

**Scab:** Excel. **Fireblight:** Good  
**Cedar-Apple Rust:** Excel. **Mildew:** Excel.

### Bare Root

4' graft, #1 light head  
4' graft, #1 head  
4' graft, heavy select

### Container

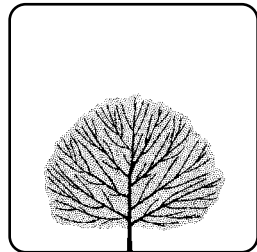
#15 4' graft, #1 head  
#20 4' graft, heavy select



Sargent Tina Crabapple

Malus 'Snowdrift'

## Snowdrift Crabapple



**Zone:** 4  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Upright, spreading, rounded, dense  
**Foliage:** Green, glossy  
**Flower:** White  
**Fruit:** Orange, ⅝", persistent

### DISEASE RESISTANCE:

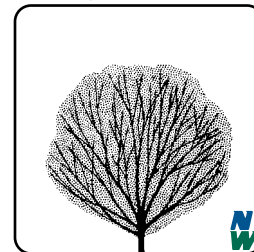
**Scab:** Good **Fireblight:** Fair  
**Cedar-Apple Rust:** Excel. **Mildew:** Excel.

### Bare Root

4 ft., branched  
5 ft., branched  
6 ft., branched  
7 ft., branched

Malus 'Spring Snow'

## Spring Snow Crabapple



**Zone:** 4  
**Height:** 25'  
**Spread:** 22'  
**Shape:** Dense, oval  
**Foliage:** Medium green  
**Flower:** White  
**Fruit:** None

### DISEASE RESISTANCE:

**Scab:** Poor **Fireblight:** Fair  
**Cedar-Apple Rust:** Good **Mildew:** Excel.

### Bare Root

4 ft., branched  
5 ft., branched  
6 ft., branched  
7 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched

### Container

#7  
#10 1" caliper  
#15 1¼" caliper  
#20 1½" caliper  
#25 1¾" caliper  
#25 2" caliper

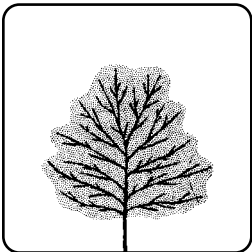


Spring Snow Crabapple

Sparkling  
Sprite  
CRABAPPLE



*Malus 'Sutyzam'*  
**Sugar Tyme® Crabapple**  
Royalty \$.80

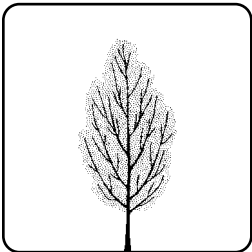


**Zone:** 4  
**Height:** 18'  
**Spread:** 15'  
**Shape:** Upright, spreading, oval  
**Foliage:** Green  
**Flower:** White  
**Fruit:** Red, ½", persistent

**DISEASE RESISTANCE:**  
**Scab:** Good **Fireblight:** Good  
**Cedar-Apple Rust:** Excel. **Mildew:** Excel.

**Bare Root**  
5 ft., branched  
6 ft., branched  
7 ft., branched  
1" cal., branched

*Malus tschonoskii*  
**Tschonoskii Crabapple**



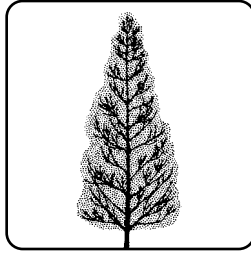
**Zone:** 5  
**Height:** 28'  
**Spread:** 14'  
**Shape:** Upright, narrowly oval  
**Foliage:** Silvery green to green  
**Fall Color:** Orange, red and purple  
**Flower:** White  
**Fruit:** Greenish, 1", sparse

**DISEASE RESISTANCE:**  
**Scab:** Good **Fireblight:** Fair  
**Cedar-Apple Rust:** Excel. **Mildew:** Excel.

**Bare Root**  
6 ft., branched  
7 ft., branched  
1" cal., branched

**Metasequoia** (Dawn Redwood)

*Metasequoia glyptostroboides*  
**Dawn Redwood**

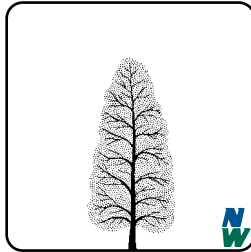


**Zone:** 5  
**Height:** 70'  
**Spread:** 25'  
**Shape:** Narrow, conical  
**Foliage:** Medium green, deciduous conifer  
**Fall Color:** Rusty orange

**Bare Root**  
4 ft., branched  
5 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched

**Container**  
3VL VigorLiner®

*Metasequoia glyptostroboides* 'Gold Rush'  
**Gold Rush Dawn Redwood** (syn. 'Ogon')

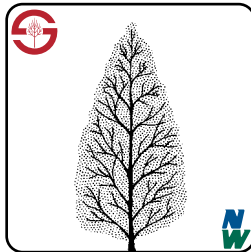


**Zone:** 5  
**Height:** 50'  
**Spread:** 20'  
**Shape:** Narrow, conical  
**Foliage:** Bright yellow, deciduous conifer  
**Fall Color:** Rusty orange

**Container**  
3VL VigorLiner®



*Metasequoia glyptostroboides* 'JFS-PN3Legacy'  
**Jade Prince® Dawn Redwood**  
Royalty \$1.50



**Zone:** 5  
**Height:** 70'  
**Spread:** 25'  
**Shape:** Upright, pyramidal  
**Foliage:** Bright green, deciduous needles  
**Fall Color:** Rusty orange

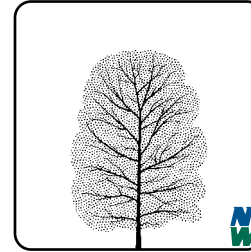
**Bare Root**  
4 ft., branched  
5 ft., branched  
**Container**  
3VL VigorLiner®



**Afterburner® Tupelo**

**Nyssa** (Tupelo)

*Nyssa sylvatica*  
**Black Tupelo**



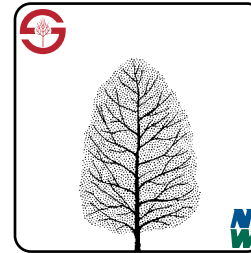
**Zone:** 5  
**Height:** 35'  
**Spread:** 20'  
**Shape:** Pyramidal when young, spreading and irregular with age  
**Foliage:** Dark green, glossy  
**Fall Color:** Hot coppery red

**Root Bag**  
4 ft., branched  
5 ft., branched  
6 ft., branched

**B & B**  
1" caliper  
1¼" caliper  
1½" caliper  
1¾" caliper  
2" caliper

**Container**  
3VL VigorLiner®  
#7

*Nyssa sylvatica* 'David Odom'  
**Afterburner® Tupelo**  
Royalty \$1.75



**Zone:** 5  
**Height:** 35'  
**Spread:** 20'  
**Shape:** Upright pyramidal to oval  
**Foliage:** Bright green, glossy  
**Fall Color:** Bright red  
**Fruit:** Blue-black, ¾"

**Root Bag**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
4 ft., branched  
5 ft., branched  
6 ft., branched

**B & B**  
1" caliper  
1¼" caliper  
1½" caliper  
1¾" caliper  
2" caliper

**Container**  
3VL VigorLiner®  
#7



Firestarter® Tupelo

Nyssa sylvatica 'JFS-red' PP 26975

**Firestarter® Tupelo**

Royalty \$1.75



**Zone:** 5  
**Height:** 35'  
**Spread:** 18'  
**Shape:** Narrow oval to upright oval  
**Foliage:** Dark green  
**Fall Color:** Bright red  
**Fruit:** Seedless

**Root Bag**

4 ft., whip  
 5 ft., whip  
 4 ft., branched  
 5 ft., branched  
 6 ft., branched

**B & B**

1" caliper  
 1¼" caliper  
 1½" caliper

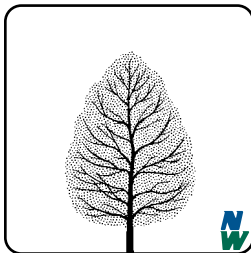
**Container**

#7  
 3VL VigorLiner®  
 #20 1¼" caliper

Nyssa sylvatica 'NSUHH' PP 22951

**Green Gable™ Tupelo**

Royalty \$1.85



**Zone:** 5  
**Height:** 40'  
**Spread:** 25'  
**Shape:** Pyramidal to broadly pyramidal  
**Foliage:** Dark green, glossy  
**Fall Color:** Orange red to red  
**Fruit:** Seedless

**DISEASE RESISTANCE:** Leaf spot**B & B**

1" caliper  
 1¼" caliper  
 1½" caliper  
 1¾" caliper

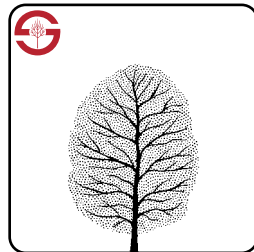
**Container**

3VL VigorLiner®

Nyssa sylvatica 'JFS-PN Legacy1'

**Gum Drop® Tupelo**

Royalty \$1.50



**Zone:** 5  
**Height:** 30'  
**Spread:** 20'  
**Shape:** Upright oval  
**Foliage:** Dark green, glossy  
**Fall Color:** Bright red  
**Fruit:** Seedless

**Root Bag**

3 ft., branched  
 4 ft., branched

Nyssa sylvatica 'Haymanred'

**Red Rage® Tupelo**

Royalty \$1.75



**Zone:** 5  
**Height:** 35'  
**Spread:** 20'  
**Shape:** Broadly pyramidal  
**Foliage:** Dark green, glossy  
**Fall Color:** Bright red  
**Fruit:** Seedless

**DISEASE RESISTANCE:** Leaf spot**Root Bag**

4 ft., whip  
 5 ft., whip  
 4 ft., branched  
 5 ft., branched

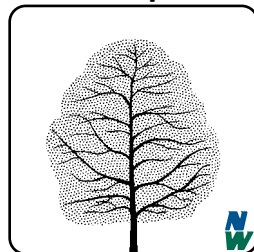
**Container**

3VL VigorLiner®



Red Rage® Tupelo

Nyssa sylvatica 'Wildfire'

**Wildfire Tupelo**

**Zone:** 6  
**Height:** 40'  
**Spread:** 25'  
**Shape:** Broadly pyramidal to oval  
**Foliage:** Dark green, red new growth  
**Fall Color:** Yellow-orange to purplish  
**Fruit:** Seedless

**B & B**

1" caliper  
 1¼" caliper

**Container**

3VL VigorLiner®  
 #25 1½" caliper

**Ostrya (Hophornbeam)**

Ostrya virginiana

**American Hophornbeam**

**Zone:** 4  
**Height:** 40'  
**Spread:** 25'  
**Shape:** Upright oval  
**Foliage:** Dark green  
**Fall Color:** Yellow

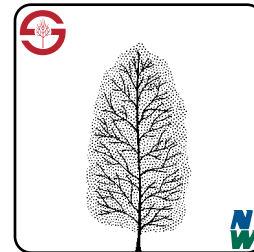
**Bare Root**

5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 4 ft., branched  
 5 ft., branched  
 6 ft., branched  
 1" cal., branched  
 1¼" cal., branched

Ostrya virginiana 'JFS-KW5'

**Autumn Treasure® Hophornbeam**

Royalty \$1.75



**Zone:** 4  
**Height:** 40'  
**Spread:** 20'  
**Shape:** Upright pyramidal to oval  
**Foliage:** Dark green  
**Fall Color:** Golden yellow  
**Fruit:** Attractive, hop-like, papery chains

**Bare Root**

5 ft., branched  
 6 ft., branched  
 1" cal., branched



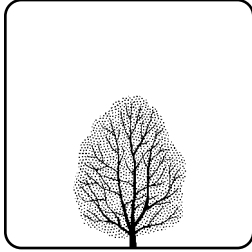
Autumn Treasure® Hophornbeam



Sourwood

**Oxydendrum** (Sourwood)

*Oxydendrum arboreum*  
**Sourwood**



**Zone:** 5  
**Height:** 20'  
**Spread:** 15'  
**Shape:** Pyramidal to rounded  
**Foliage:** Dark green, glossy  
**Fall Color:** Orange, scarlet  
**Flower:** Creamy white, bell shaped

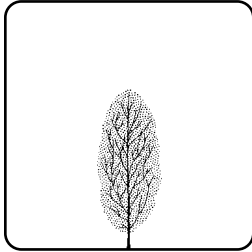
**Container**  
3RP VigorLiner®

**Parrotia**

*Parrotia persica* 'Chrishaven1' PP 28584

**Golden BellTower™ Parrotia**

Royalty: \$1.50



**Zone:** 4  
**Height:** 30'  
**Spread:** 12'  
**Shape:** Columnar to upright oval  
**Foliage:** Green, textured  
**Fall Color:** Golden to apricot orange

**Container**  
3VL VigorLiner®

*Parrotia persica* 'JLColumnar' PP 24951

**Persian Spire™ Parrotia**

Royalty \$3.00



**Zone:** 5  
**Height:** 25'  
**Spread:** 10'  
**Shape:** Columnar to upright oval  
**Foliage:** Green, fine textured  
**Fall Color:** Orange, red, yellow and burgundy  
**Flower:** Showy red stamens

**Root Bag**  
3 ft., branched

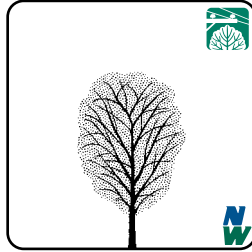
**B & B**  
1" caliper  
1¼" caliper  
1½" caliper  
1¾" caliper

**Container**  
3VL VigorLiner®

*Parrotia persica* 'Inge's Ruby Vase'

**Ruby Vase® Parrotia**

Royalty \$1.00



**Zone:** 5  
**Height:** 28'  
**Spread:** 16'  
**Shape:** Upright narrow vase  
**Foliage:** Dark green; red new growth  
**Fall Color:** Orange-red  
**Flower:** Showy red stamens

**Root Bag**  
5 ft., branched  
6 ft., branched

**B & B**  
1½" caliper  
1¾" caliper  
2" caliper

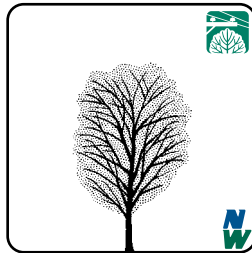
**Container**  
3VL VigorLiner®  
#10 6 foot  
#15 1" caliper



Golden BellTower™ Parrotia

*Parrotia persica* 'Vanessa'

**Vanessa Parrotia**



**Zone:** 5  
**Height:** 28'  
**Spread:** 14'  
**Shape:** Upright, tight vase  
**Foliage:** Green, textured  
**Fall Color:** Orange-red  
**Flower:** Showy red stamens

**Root Bag**  
4 ft., branched  
5 ft., branched  
6 ft., branched

**B & B**  
1¼" caliper  
1½" caliper

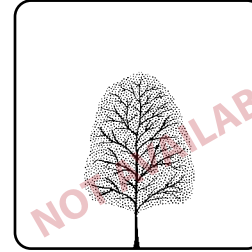
**Container**  
3VL VigorLiner®



Ruby Vase® Parrotia

*Parrotia subaequalis* 'Mikinori'

**Mikinori Parrotia**



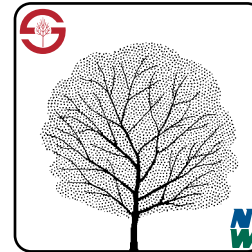
**Zone:** 6  
**Height:** 25'  
**Spread:** 18'  
**Shape:** Upright spreading oval  
**Foliage:** Dark green  
**Fall Color:** Deep red and purple  
**Bark:** Exfoliating with age

**Phellodendron** (Cork Tree)

*Phellodendron amurense* 'Longenecker'

**Eye Stopper™ Cork Tree**

Royalty \$1.00



**Zone:** 4  
**Height:** 40'  
**Spread:** 35'  
**Shape:** Upright, then spreading, rounded crown  
**Foliage:** Medium green  
**Fall Color:** Bright yellow  
**Fruit:** Generally seedless

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip



Eye Stopper™ Cork Tree



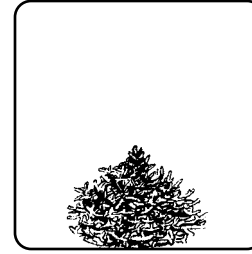
Black Hills Spruce

*Picea glauca* var. *densata*  
**Black Hills Spruce**

**Zone:** 3  
**Height:** 30'  
**Spread:** 20'  
**Shape:** Broadly pyramidal  
**Foliage:** Bluish-green needles

**B & B**  
4 foot  
5 foot  
6 foot

**Container**  
#15 4 foot  
#20 4 foot

*Picea pungens* 'Globosa'  
**Globe Blue Spruce**

**Zone:** 2  
**Height:** 3'  
**Spread:** 4'  
**Shape:** Rounded, compact  
**Foliage:** Silvery blue needles

**B & B**  
2 foot  
30 inch  
3 foot

**Picea** (Spruce)*Picea pungens*  
**Baby Blue® Spruce**

**Zone:** 4  
**Height:** 30'  
**Spread:** 15'  
**Shape:** Broadly pyramidal  
**Foliage:** Blue-green needles

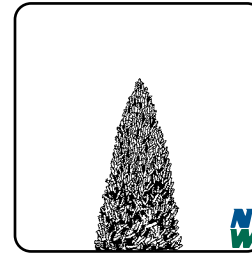
**B & B**  
4 foot  
5 foot  
6 foot

**Container**  
#25 5 foot

*Picea omorika* 'Bruns'  
**Bruns Serbian Spruce**

**Zone:** 4  
**Height:** 30'  
**Spread:** 15'  
**Shape:** Narrowly pyramidal  
**Foliage:** Glossy blue green, silvery undersides

**B & B**  
4 foot  
5 foot  
6 foot

*Picea pungens* 'Iseli Fastigiata'  
**Iseli Fastigiata Spruce**

**Zone:** 3  
**Height:** 25'  
**Spread:** 10'  
**Shape:** Tightly columnar  
**Foliage:** Blue green needles

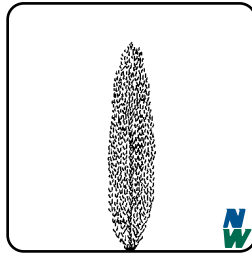
**B & B**  
4 foot  
5 foot

*Picea pungens* 'Bakeri'  
**Bakeri Blue Spruce**

**Zone:** 2  
**Height:** 40'  
**Spread:** 20'  
**Shape:** Pyramidal  
**Foliage:** Silvery blue needles

**B & B**  
4 foot  
5 foot

**Container**  
#25 5 foot  
#25 6 foot

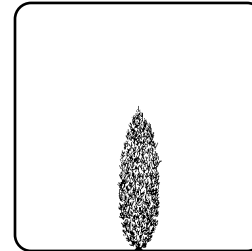
*Picea abies* 'Cupressina'  
**Columnar Norway Spruce**

**Zone:** 4  
**Height:** 30'  
**Spread:** 10'  
**Shape:** Columnar  
**Foliage:** Dark bluish-green

**B & B**  
6 foot  
7 foot  
8 foot  
9 foot



Wellspire Black Spruce

*Picea mariana* 'Wellspire'  
**Wellspire Black Spruce**

**Zone:** 3  
**Height:** 25'  
**Spread:** 8'  
**Shape:** Columnar  
**Foliage:** Dark green needles

**B & B**  
7 foot  
8 foot  
9 foot

**Container**  
#25 8 foot

*Picea pungens* 'Fat Albert'  
**Fat Albert Blue Spruce**

**Zone:** 2  
**Height:** 15'  
**Spread:** 12'  
**Shape:** More broadly pyramidal  
**Foliage:** Silvery-blue needles

**B & B**  
4 foot  
5 foot  
6 foot



Bruns Serbian Spruce



Vanderwolf's Pyramid Pine

**Pinus** (Pine)

*Pinus nigra*

**Austrian Pine**



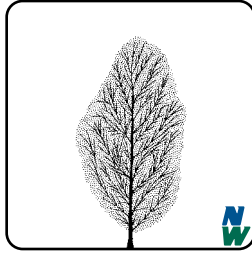
**Zone:** 4  
**Height:** 55'  
**Spread:** 30'  
**Shape:** Broadly pyramidal to rounded  
**Foliage:** Dark green needles, in pairs

**B & B**  
4 foot  
5 foot  
6 foot

**Container**  
#20 3 foot  
#20 4 foot  
#25 4 foot  
#25 5 foot

*Pinus heldreichii* (syn. *P. leucodermis*)

**Bosnian Pine**



**Zone:** 5  
**Height:** 50'  
**Spread:** 20'  
**Shape:** Broadly pyramidal  
**Foliage:** Dark green needles  
**Fruit:** Cones, bluish purple maturing to brown, 2-3"

**B & B**  
5 foot

*Pinus flexilis* 'Vanderwolf's Pyramid'

**Vanderwolf's Pyramid Pine**



**Zone:** 5  
**Height:** 40'  
**Spread:** 20'  
**Shape:** Pyramidal  
**Foliage:** Blue-green needles

**B & B**  
4 foot  
5 foot  
6 foot  
7 foot

**Container**  
#20 4 foot  
#25 5 foot

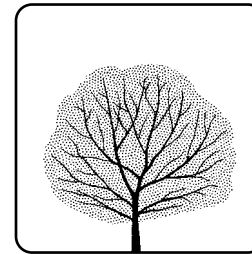


Austrian Pine

**Pistacha** (Pistache)

*Pistacia chinensis*

**Chinese Pistache**

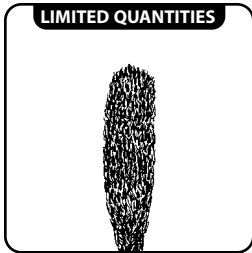


**Zone:** 6  
**Height:** 30'  
**Spread:** 30'  
**Shape:** Rounded  
**Foliage:** Dark green, pinnately compound  
**Fall Color:** Orange-red

**Container**  
3VL VigorLiner®

*Pinus nigra* 'Frank'

**Frank Austrian Pine**

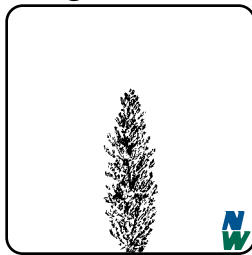


**Zone:** 4  
**Height:** 12'  
**Spread:** 5'  
**Shape:** Narrow upright  
**Foliage:** Dark green

**B & B**  
4 foot  
5 foot  
6 foot

*Pinus strobus* 'Fastigiata'

**Fastigate White Pine**



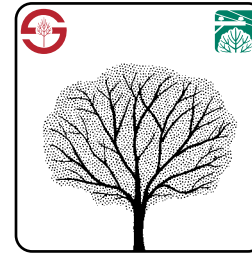
**Zone:** 4  
**Height:** 30'  
**Spread:** 10'  
**Shape:** Columnar, fastigate  
**Foliage:** Bluish green needles

**B & B**  
4 foot  
5 foot  
6 foot  
7 foot

*Pistacia chinensis* 'Pair's Choice'

**Western Son® Pistache**

Royalty \$1.25

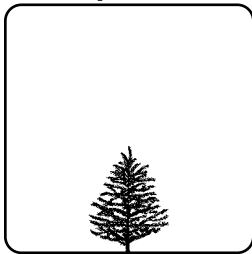


**Zone:** 6  
**Height:** 30'  
**Spread:** 30'  
**Shape:** Upright spreading to rounded  
**Foliage:** Dark green, pinnately compound  
**Fall Color:** Orange to red  
**Fruit:** Seedless

**Container**  
3VL VigorLiner®

*Pinus parviflora* 'Glauca'

**Blue Japanese White Pine**

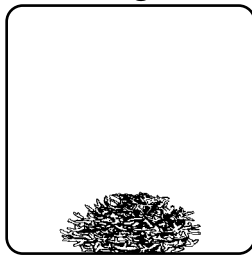


**Zone:** 4  
**Height:** 15'  
**Spread:** 12'  
**Shape:** Broadly pyramidal  
**Foliage:** Silvery blue green.

**B & B**  
4 foot  
5 foot  
6 foot  
7 foot

*Pinus mugo* var. *pumilio*

**Dwarf Mugo Pine**



**Zone:** 2  
**Height:** 4'  
**Spread:** 8'  
**Shape:** Globose  
**Foliage:** Medium green

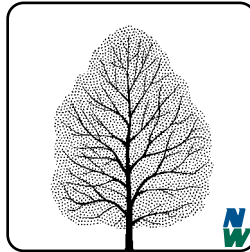
**B & B**  
2 foot  
30 inch



Western Son® Pistache



*Platanus x acerifolia* 'Morton Circle'  
**Exclamation!® Planetree**  
Royalty \$1.00



**Zone:** 5  
**Height:** 55'  
**Spread:** 35'  
**Shape:** Upright pyramidal  
**Foliage:** Medium green  
**Fall Color:** Yellow

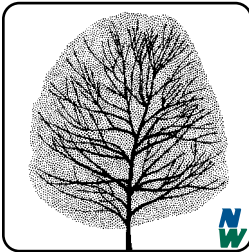
**DISEASE RESISTANCE:**  
Anthracnose and powdery mildew

- Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
5 ft., branched  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched

- Container**  
#7  
#15 1¼" caliper  
#20 1½" caliper  
#25 1¾" caliper  
#35 2" caliper

**Platanus** (Planetree)

*Platanus x acerifolia* 'Bloodgood'  
**Bloodgood London Planetree**



**Zone:** 5  
**Height:** 50'  
**Spread:** 40'  
**Shape:** Broadly pyramidal  
**Foliage:** Large, maple like, medium to dark green  
**Fall Color:** Yellow

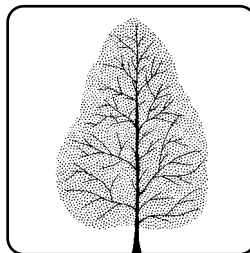
**DISEASE RESISTANCE:** Anthracnose

- Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
5 ft., branched  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched

- Container**  
#20 1½" caliper  
#25 1¾" caliper  
#25 2" caliper



*Platanus x acerifolia* 'Morton Naper'  
**Monumental™ Planetree**  
Royalty \$1.00



**Zone:** 4  
**Height:** 60'  
**Spread:** 45'  
**Shape:** Broadly pyramidal  
**Foliage:** Green  
**Fall Color:** Yellow

**DISEASE RESISTANCE:** Anthracnose

- Bare Root**  
6 ft., whip  
7 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched

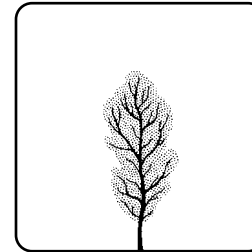
- Container**  
#15 1¼" caliper  
#20 1½" caliper



**Mountain Sentinel® Aspen**

**Populus** (Aspen)

*Populus tremuloides*  
**Quaking Aspen**



**Zone:** 3  
**Height:** 30'  
**Spread:** 15'  
**Shape:** Narrow oval to pyramidal  
**Foliage:** Green, trembles in breeze  
**Fall Color:** Yellow

- Bare Root**  
3 ft., whip  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched

- Container**  
#3  
#5  
#7  
#10 6 foot  
#10 1" caliper  
#15 1¼" caliper  
#20 1½" caliper  
#25 1¾" caliper  
#5 clump  
#10 clump  
#20 9 foot, clump  
#25 10 foot, clump

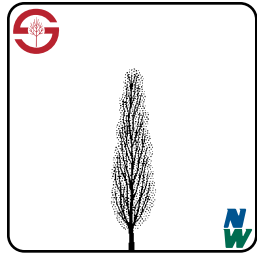


This icon in the lower right hand corner of the illustrations indicates that the variety is also grown as a specimen tree. See page 87 for details.

*Populus tremuloides* 'JFS-Column'

**Mountain Sentinel® Aspen**

Royalty \$1.50 | Part of the Sentinel® family of trees.



**Zone:** 3  
**Height:** 35'  
**Spread:** 8'  
**Shape:** Narrow, fastigiata  
**Foliage:** Green, trembles in breeze  
**Fall Color:** Yellow  
**Fruit:** Seedless

**Bare Root**

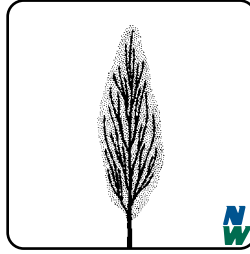
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched

**Container**

- #7
- #10 1" caliper
- #15 1¼" caliper

*Populus tremula* 'Erecta'

**Swedish Columnar Aspen**



**Zone:** 2  
**Height:** 40'  
**Spread:** 10'  
**Shape:** Very narrow, fastigiata  
**Foliage:** Green, trembles in breeze  
**Fruit:** Seedless

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 4 ft., branched
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched

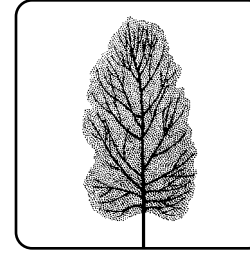
**Container**

- #5
- #7
- #10 1" caliper

**Populus** (Poplar)

*Populus deltoides* 'Siouxland'

**Siouxland Poplar**



**Zone:** 2  
**Height:** 75'  
**Spread:** 35'  
**Shape:** Oval  
**Foliage:** Medium green  
**Fall Color:** Yellow  
**Fruit:** Seedless (cottonless)

**Bare Root**

- 3 ft., whip ..... 9.50
- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 9 ft., whip

**Container**

- #10 1" caliper
- #15 1" caliper
- #20 1½" caliper



*Populus tremuloides* 'NE-Arb'

**Prairie Gold® Aspen**

Royalty \$1.50



**Zone:** 4  
**Height:** 40'  
**Spread:** 15'  
**Shape:** Narrow oval to pyramidal  
**Foliage:** Light green, trembling in breeze  
**Fall Color:** Golden yellow

**Bare Root**

- 3 ft., whip
- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched

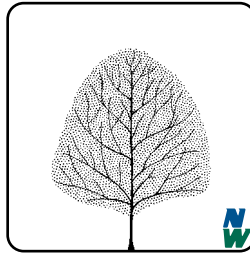
**Container**

- #3
- #5
- #7
- #10 6 foot
- #5 clump
- #7 clump

**Populus** (Cottonwood)

*Populus sargentii* 'Jeronomus'

**Jeronomus Cottonwood**



**Zone:** 3  
**Height:** 60'  
**Spread:** 40'  
**Shape:** Upright oval, rounded with age  
**Foliage:** Light green  
**Fall Color:** Yellow  
**Fruit:** Seedless (cottonless)

**Bare Root**

- 5 ft., whip
  - 6 ft., whip
  - 7 ft., whip
- Container**
- #15 1¼" caliper
  - #20 1½" caliper

**Prunus** (Less Common Species)

*Prunus virginiana* 'Canada Red'

**Canada Red Improved Chokecherry**



**Zone:** 2  
**Height:** 25'  
**Spread:** 20'  
**Shape:** Upright spreading, rounded  
**Foliage:** Leaves emerge green, turn purple in summer  
**Fall Color:** Red to reddish purple  
**Flower:** Small white, in long clusters

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 6 ft., branched
- 7 ft., branched
- 1" cal., branched
- 2 foot, multi-stem
- 3 foot, multi-stem
- 4 foot, multi-stem

**Container**

- #5
- #10 1" caliper
- #25 1¼" caliper
- #5 multi-stem
- #7 multi-stem
- #20 6 foot, multi-stem





Akebono Cherry

*Prunus sargentii* 'Columnaris'**Columnar Sargent Cherry**

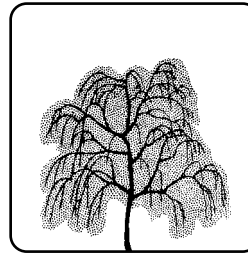
**Zone:** 4  
**Height:** 35'  
**Spread:** 15'  
**Shape:** Upright, columnar to narrow vase  
**Foliage:** Dark green  
**Fall Color:** Orange to orange-red  
**Flower:** Single pink, in clusters

**Bare Root**

6 ft., branched  
 7 ft., branched  
 1" cal., branched

*Prunus subhirtella* 'Pendula Plena Rosea'**Double Weeping Cherry**

syn. Yae-Shidare-Higan



**Zone:** 5  
**Height:** 25'  
**Spread:** 25'  
**Shape:** Weeping  
**Foliage:** Dark green  
**Fall Color:** Yellow to bronze  
**Flower:** Double, pink

**Bare Root**

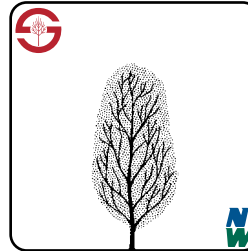
5' graft, #1 light head  
 5' graft, #1 head

**Container**

#10 5' graft, #1 head

*Prunus* 'JFS-KW14' PP 28248**First Blush® Cherry**

Royalty \$1.75



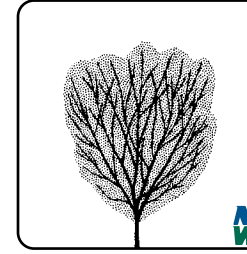
**Zone:** 5  
**Height:** 25'  
**Spread:** 12'  
**Shape:** Upright narrow oval  
**Foliage:** Dark green  
**Fall Color:** Orange to orange red  
**Flower:** Pink, double, fragrant

**Bare Root**

4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 7 ft., branched  
 1" cal., branched  
 1¼" cal., branched  
 1½" cal., branched

**Container**

#5  
 #7  
 #15 1¼" caliper  
 #20 1½" caliper

*Prunus serrulata* 'Kwanzan'**Kwanzan Cherry**

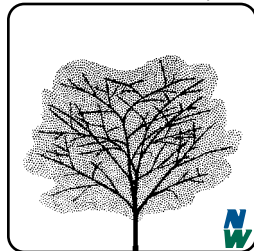
**Zone:** 5  
**Height:** 30'  
**Spread:** 20'  
**Shape:** Broad vase  
**Foliage:** Dark green  
**Fall Color:** Bronze-orange to orange-red  
**Flower:** Double, rosy pink in clusters  
**Fruit:** Seedless

**Bare Root**

4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 6 ft., branched  
 7 ft., branched  
 1" cal., branched  
 1¼" cal., branched  
 1½" cal., branched  
 1¾" cal., branched  
 2" cal., branched  
 5' graft, #1 light head  
 5' graft, #1 head

**Container**

#3  
 #5  
 #7  
 #10 1" caliper  
 #15 1¼" caliper  
 #20 1½" caliper  
 #25 1¾" caliper

**Prunus** (Japanese Cherry)*Prunus × yedoensis* 'Akebono'**Akebono Cherry**

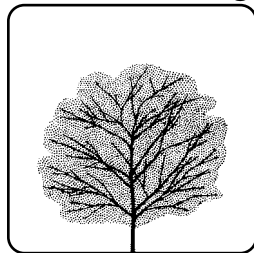
**Zone:** 5  
**Height:** 25'  
**Spread:** 25'  
**Shape:** Upright, spreading  
**Foliage:** Medium green  
**Fall Color:** Yellow  
**Flower:** Delicate pink

**Bare Root**

4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 6 ft., branched  
 7 ft., branched  
 1" cal., branched  
 1¼" cal., branched  
 1½" cal., branched

**Container**

#7  
 #10 1" caliper  
 #15 1¼" caliper  
 #20 1½" caliper

*Prunus subhirtella* 'Autumnalis Rosea'**Autumn Flowering Cherry**

**Zone:** 5  
**Height:** 25'  
**Spread:** 22'  
**Shape:** Upright spreading with slender branches  
**Foliage:** Medium green  
**Fall Color:** Yellow to bronze  
**Flower:** Semi-double to double, light pink

**Bare Root**

4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 4 ft., branched  
 5 ft., branched  
 6 ft., branched  
 7 ft., branched  
 1" cal., branched





*Prunus sargentii* 'JFS-KW58'  
**Pink Flair® Cherry**  
Royalty \$1.50

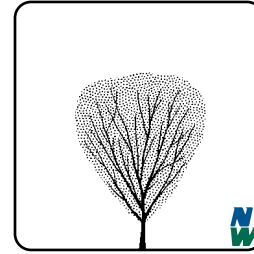


**Zone:** 3b  
**Height:** 25'  
**Spread:** 15'  
**Shape:** Upright narrow vase  
**Foliage:** Dark green  
**Fall Color:** Orange-red  
**Flower:** Single pink, in clusters

**Bare Root**  
5 ft., whip  
6 ft., whip  
6 ft., branched  
7 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched

**Container**  
#15 1¼" caliper  
#35 2" caliper

*Prunus serrulata* 'Royal Burgundy'  
**Royal Burgundy Cherry**

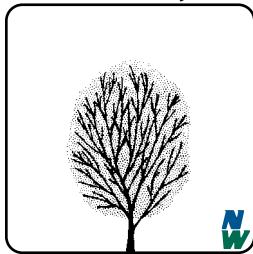


**Zone:** 5  
**Height:** 20'  
**Spread:** 15'  
**Shape:** Broad vase  
**Foliage:** Deep purple  
**Fall Color:** Bronze-purple  
**Flower:** Double, magenta-pink  
**Fruit:** Seedless

**Bare Root**  
4 ft., branched  
5 ft., branched  
6 ft., branched  
7 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched

**Container**  
#5

*Prunus* 'Okame'  
**Okame Cherry**

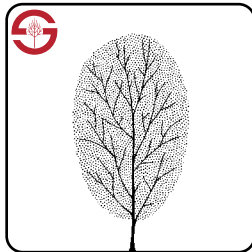


**Zone:** 5  
**Height:** 25'  
**Spread:** 20'  
**Shape:** Upright branching, oval  
**Foliage:** Dark green, fine textured  
**Fall Color:** Yellow-orange to orange-red  
**Flower:** Small, clear pink, profuse

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
5 ft., branched  
6 ft., branched  
7 ft., branched  
1" cal., branched  
1¼" cal., branched

**Container**  
#15 1¼" caliper

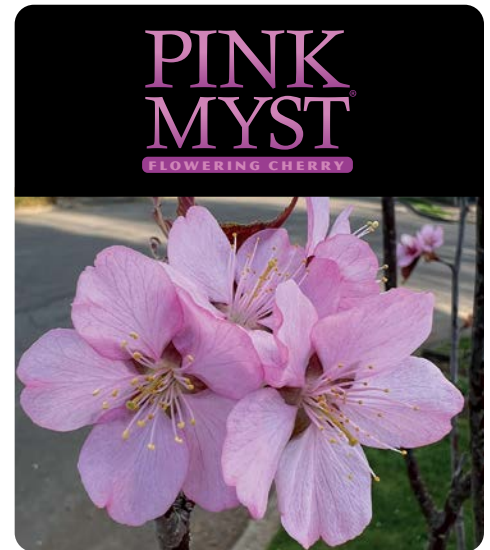
*Prunus sargentii* 'JFS KW21PS' PP 32619  
**Pink Myst® Cherry**  
Royalty \$1.75



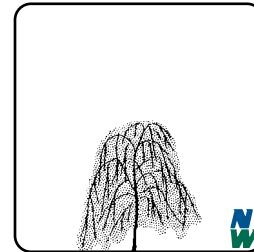
**Zone:** 4  
**Height:** 30'  
**Spread:** 15'  
**Shape:** Upright to upright oval  
**Foliage:** Dark green  
**Fall Color:** Orange to orange red  
**Flower:** Deep pink

**Bare Root**  
6 ft., branched  
7 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched

**Container**  
#15 1¼" caliper



*Prunus* × 'Snofozam'  
**Snow Fountains® Cherry**  
Royalty \$.75

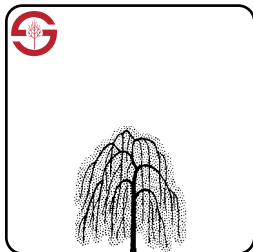


**Zone:** 5  
**Height:** 12'  
**Spread:** 12'  
**Shape:** Weeping  
**Foliage:** Small, dark green leaves  
**Fall Color:** Golden to orange  
**Flower:** White

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
#1 light head  
#1 head  
5' graft, #1 light head  
5' graft, #1 head

**Container**  
#3  
#5  
#7

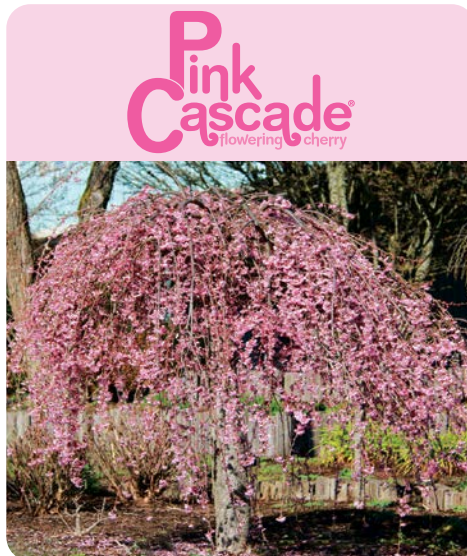
*Prunus* 'NCPH1' PP 27579  
**Pink Cascade® Cherry**  
Royalty \$1.75

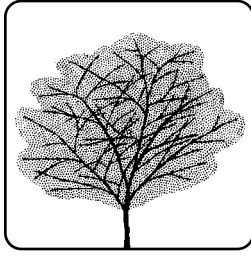


**Zone:** 5  
**Height:** 12'  
**Spread:** 12'  
**Shape:** Weeping  
**Foliage:** Dark green, fine textured  
**Fall Color:** Orange  
**Flower:** Bright pink, prolific

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
#1 light head  
#1 head  
5' graft, #1 light head  
5' graft, #1 head

**Container**  
#3  
#5  
#20 5' graft, #1 head



*Prunus × yedoensis***Yoshino Cherry**

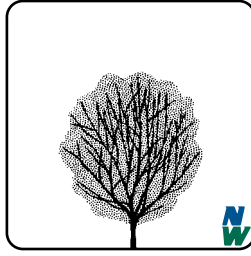
**Zone:** 5  
**Height:** 30'  
**Spread:** 30'  
**Shape:** Upright spreading branches, rounded crown  
**Foliage:** Bright green, glossy  
**Fall Color:** Yellow  
**Flower:** Single light pink to white, fragrant

**Bare Root**

4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 7 ft., branched  
 1" cal., branched  
 1¼" cal., branched  
 1½" cal., branched

**Container**

#5  
 #7  
 #15 1¼" caliper  
 #20 1½" caliper

*Prunus cerasifera* 'Krauter Vesuvius'**Krauter Vesuvius Plum**

**Zone:** 5  
**Height:** 20'  
**Spread:** 15'  
**Shape:** Upright  
**Foliage:** Dark purple  
**Flower:** Light pink

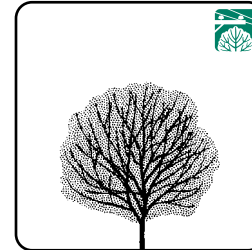
**Bare Root**

4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 5 ft., branched  
 6 ft., branched  
 7 ft., branched  
 1" cal., branched  
 1¼" cal., branched

**Container**

#3  
 #7  
 #10 1" caliper  
 #15 1¼" caliper

Schmidt Introduction see page 5

 UTILTREES selection see page 92  
 Caliper Specimens Available see page 87
**Krauter Vesuvius Plum***Prunus cerasifera* 'Thundercloud'**Thundercloud Plum**

**Zone:** 5  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Upright spreading, dense, rounded  
**Foliage:** Dark purple  
**Flower:** Light pink

**Bare Root**

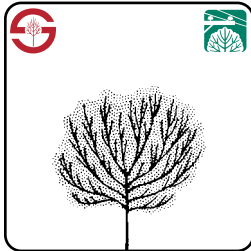
4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 5 ft., branched  
 6 ft., branched  
 7 ft., branched  
 1" cal., branched  
 1¼" cal., branched  
 1½" cal., branched

**Container**

#5  
 #7  
 #10 1" caliper  
 #15 1¼" caliper

**Prunus** (Purple Leaf Plum)*Prunus × cistena* 'Schmidtci's'**Big Cis® Plum**

Royalty \$1.25



**Zone:** 4  
**Height:** 14'  
**Spread:** 12'  
**Shape:** Rounded, dense  
**Foliage:** Purple  
**Flower:** Light pink, very fragrant

**Bare Root**

4 ft., branched  
 5 ft., branched  
 6 ft., branched  
 7 ft., branched  
 1" cal., branched  
 1¼" cal., branched

**Container**

#3  
 #7  
 #15 1¼" caliper

**Thundercloud Plum***Prunus* 'Newport'**Newport Plum**

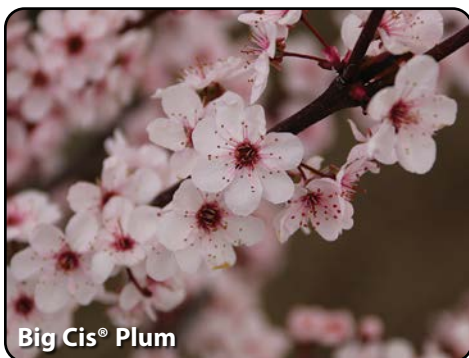
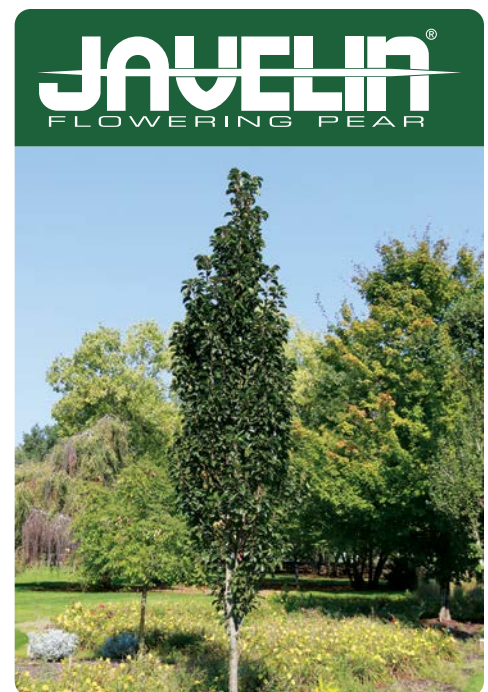
**Zone:** 3  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Upright spreading, broadly oval to rounded  
**Foliage:** Purple-red  
**Fall Color:** Reddish  
**Flower:** Light pink

**Bare Root**

4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 6 ft., branched  
 7 ft., branched  
 1" cal., branched  
 1¼" cal., branched  
 1½" cal., branched

**Container**

#5  
 #10 1" caliper  
 #15 1¼" caliper  
 #20 1½" caliper

**Big Cis® Plum**

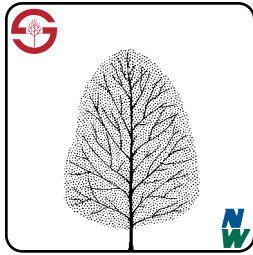
**JAVELIN®**  
 FLOWERING PEAR

**Pyrus** (Hybrid Flowering Pear)

*Pyrus × triploida* 'NCPX2' PP 30788

**Chastity® Pear**

Royalty \$1.75



**Zone:** 5  
**Height:** 35'  
**Spread:** 25'  
**Shape:** Broadly pyramidal  
**Foliage:** Dark green, glossy  
**Fall Color:** Orange to red, purple highlights  
**Flower:** White, profuse  
**Fruit:** Sparse

**DISEASE RESISTANCE:** Fireblight

**Bare Root**

4 ft., branched  
5 ft., branched  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched

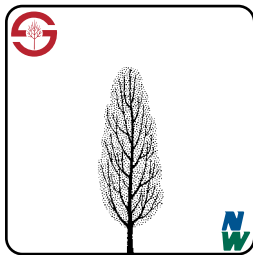
**Container**

#5  
#7  
#10 1" caliper  
#15 1¼" caliper  
#25 1¾" caliper

*Pyrus* 'NCPX1' PP 26539

**Javelin® Pear**

Royalty \$1.50



**Zone:** 5  
**Height:** 35'  
**Spread:** 10'  
**Shape:** Fastigate, tightly columnar  
**Foliage:** Glossy dark green  
**Fall Color:** Orange-red  
**Flower:** Pink buds open to white flowers  
**Fruit:** May occasionally produce fruit

**DISEASE RESISTANCE:** Fireblight

**Bare Root**

6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched

**Bare Root (low branch)**

1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched

**Container**

#10 1" caliper

**Chastity®**  
FLOWERING PEAR



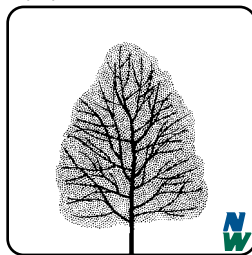
Chastity® Pear delivers the multi-season beauty of flowering pears without its negative characteristics. Poised to replace other flowering pears in areas where invasiveness is a concern, this fireblight-resistant cultivar is a highly infertile, triploid hybrid, specifically bred to prevent weediness. Developed by Dr. Tom Ranney of North Carolina State University.

**Pyrus** (Flowering Pear)

*Pyrus calleryana* 'Aristocrat'

**Aristocrat® Pear**

Royalty \$.35



**Zone:** 4b  
**Height:** 40'  
**Spread:** 28'  
**Shape:** Pyramidal, with open, spreading branches  
**Foliage:** Narrow, dark green, glossy  
**Fall Color:** Deep red  
**Flower:** White

**Bare Root**

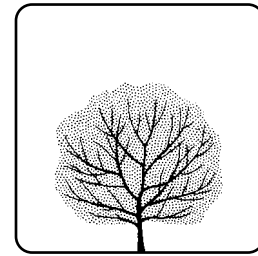
5 ft., branched  
6 ft., branched  
1" cal., branched

**Container**

#7  
#10 1" caliper  
#15 1¼" caliper

*Pyrus calleryana* 'Autumn Blaze'

**Autumn Blaze Pear**



**Zone:** 4  
**Height:** 30'  
**Spread:** 25'  
**Shape:** Rounded  
**Foliage:** Glossy green  
**Fall Color:** Bright red  
**Flower:** White

**Bare Root**

4 ft., branched  
5 ft., branched  
6 ft., branched  
1" cal., branched

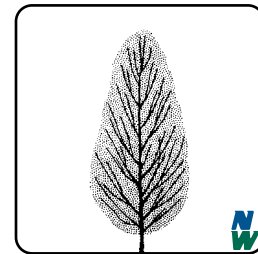
**Container**

#10 1" caliper

*Pyrus calleryana* 'Glen's Form'

**Chanticleer® Pear**

Royalty \$.65



**Zone:** 4  
**Height:** 40'  
**Spread:** 15'  
**Shape:** Upright, narrowly pyramidal  
**Foliage:** Green, glossy  
**Fall Color:** Reddish  
**Flower:** White, in clusters

**DISEASE RESISTANCE:** Fireblight

**Bare Root**

4 ft., whip  
5 ft., whip  
5 ft., branched  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched

**Container**

#5  
#7  
#10 1" caliper  
#15 1¼" caliper  
#20 1½" caliper



**Chanticleer® Pear**

*Pyrus calleryana* 'Jaczam'**Jack® Pear**

Royalty \$.95



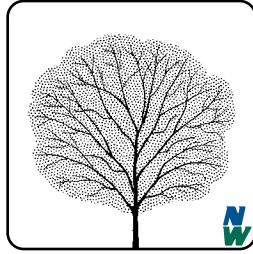
**Zone:** 4  
**Height:** 16'  
**Spread:** 10'  
**Shape:** Compact upright oval  
**Foliage:** Dark green  
**Fall Color:** Yellow  
**Flower:** White

**Bare Root**

5 ft., branched  
 6 ft., branched  
 1" cal., branched  
 1¼" cal., branched

**Container**

#7  
 #10 6 foot  
 #15 1¼" caliper

**American Dream® Oak***Quercus alba***White Oak**

**Zone:** 4  
**Height:** 45'  
**Spread:** 45'  
**Shape:** Rounded  
**Foliage:** Medium green, fine textured  
**Fall Color:** Red to reddish purple

**Bare Root**

4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 5 ft., branched  
 6 ft., branched  
 1" cal., branched  
 1¼" cal., branched

**Root Bag**

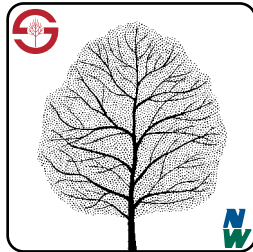
4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 8 ft., whip  
 5 ft., branched  
 6 ft., branched  
 1" cal., branched

**Container**

3RS VigorLiner®  
 #3  
 #5  
 #7  
 #10 6 foot  
 #10 1" caliper  
 #15 1¼" caliper

*Quercus bicolor* 'JFS-KW12' PP 23632**American Dream® Oak**

Royalty \$2.00



**Zone:** 4  
**Height:** 50'  
**Spread:** 40'  
**Shape:** Broadly pyramidal  
**Foliage:** Bright green, glossy  
**Fall Color:** Yellow

**Bare Root**

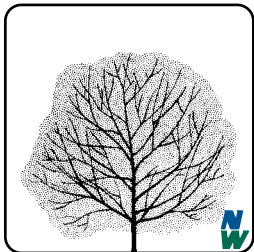
4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 5 ft., branched  
 6 ft., branched  
 1" cal., branched  
 1¼" cal., branched

**Root Bag**

5 ft., branched  
 6 ft., branched

**Container**

#10 1" caliper  
 #15 1¼" caliper  
 #20 1½" caliper  
 #25 1¾" caliper

**Quercus (Oak)***Quercus acutissima***Sawtooth Oak**

**Zone:** 5  
**Height:** 40'  
**Spread:** 40'  
**Shape:** Rounded  
**Foliage:** Dark green, glossy  
**Fall Color:** Yellow

**Bare Root**

4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 5 ft., branched  
 6 ft., branched  
 1" cal., branched  
 1¼" cal., branched  
 1½" cal., branched

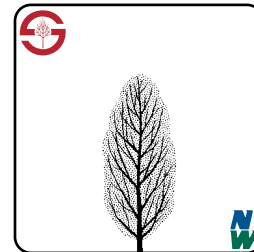
**Container**

3RS VigorLiner®  
 3RP VigorLiner®  
 #20 1½" caliper

Schmidt Introduction see page 5

 UTIL TREES selection see page 92  
 Caliper Specimens Available see page 97
*Quercus bicolor* 'Bonnie and Mike'**Beacon® Oak**

Royalty \$2.00



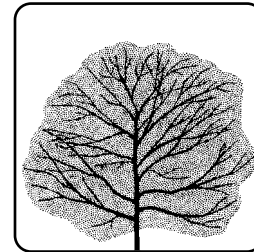
**Zone:** 4  
**Height:** 40'  
**Spread:** 15'  
**Shape:** Narrowly columnar  
**Foliage:** Green  
**Fall Color:** Yellow

**Bare Root**

4 ft., branched  
 5 ft., branched  
 6 ft., branched  
 1" cal., branched

**Container**

3RS VigorLiner®  
 #7  
 #10 1" caliper  
 #15 1¼" caliper

*Quercus bicolor***Swamp White Oak**

**Zone:** 4  
**Height:** 45'  
**Spread:** 45'  
**Shape:** Rounded, open  
**Foliage:** Green with wavy margins  
**Fall Color:** Yellow brown to reddish

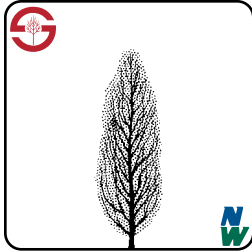
**Bare Root**

4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 8 ft., whip  
 6 ft., branched  
 1" cal., branched  
 1¼" cal., branched

**Container**

#5  
 #7  
 #15 1" caliper  
 #15 1¼" caliper

*Quercus × bimundorum* 'Crimschmidt'  
**Crimson Spire™ Oak**  
Royalty \$1.75



**Zone:** 4  
**Height:** 45'  
**Spread:** 15'  
**Shape:** Columnar, tightly fastigiate  
**Foliage:** Dark green to bluish-green  
**Fall Color:** Rusty red

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 4 ft., branched
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched
- 1¾" cal., branched

**Root Bag**

- 4 ft., branched
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched

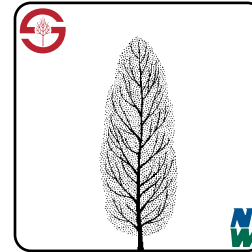
**Container**

- 3RS VigorLiner®
- 3RP VigorLiner®
- #7
- #10 6 foot
- #10 1" caliper
- #15 1¼" caliper
- #20 1½" caliper
- #25 1¾" caliper
- 32" 2" caliper

**Streetspire® Oak**



*Quercus × bimundorum* 'JFS-KW1QX'  
**Streetspire® Oak**  
Royalty \$2.00



**Zone:** 4  
**Height:** 45'  
**Spread:** 14'  
**Shape:** Narrow, columnar  
**Foliage:** Dark green  
**Fall Color:** Rusty red

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 4 ft., branched
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched

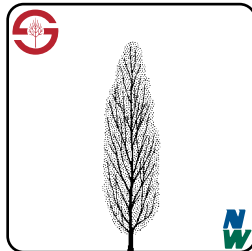
**Root Bag**

- 4 ft., branched
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched

**Container**

- 3RS VigorLiner®
- 3RP VigorLiner®
- #7
- #10 6 foot
- #10 1" caliper
- #15 1¼" caliper
- #20 1½" caliper

*Quercus × bimundorum* 'JFS-KW2QX' PP 24442  
**Skinny Genes® Oak**  
Royalty \$2.00



**Zone:** 4  
**Height:** 45'  
**Spread:** 10'  
**Shape:** Columnar, tightly fastigiate  
**Foliage:** Dark green, glossy, mildew resistant  
**Fall Color:** Yellow to tawny yellow

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 3 ft., branched
- 4 ft., branched
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched
- 1¾" cal., branched
- 2" cal., branched

**Root Bag**

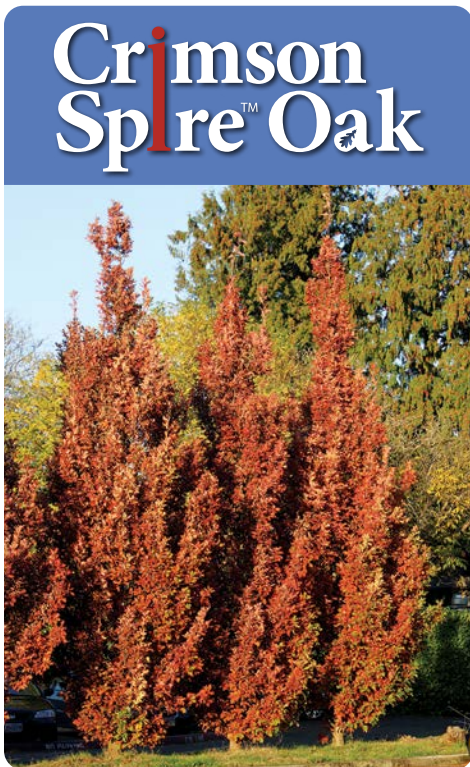
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched

**Container**

- 3RS VigorLiner®
- 3RP VigorLiner®
- #5
- #7
- #10 6 foot
- #10 1" caliper
- #15 1¼" caliper
- #20 1½" caliper
- #25 1¾" caliper
- #25 2" caliper

**Each**

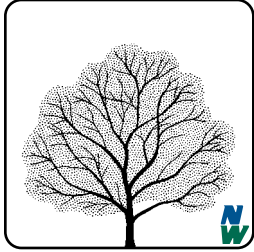
**SKINNY GENES®**





Scarlet Oak

*Quercus buckleyi*  
**Texas Red Oak**



**Zone:** 6  
**Height:** 20'  
**Spread:** 40'  
**Shape:** Broadly rounded  
**Foliage:** Green, glossy  
**Fall Color:** Orange-red to red

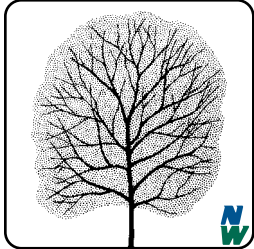
**Bare Root**

1" cal., branched  
1¼" cal., branched

**Container**

#15 1¼" caliper  
#20 1½" caliper

*Quercus coccinea*  
**Scarlet Oak**



**Zone:** 4  
**Height:** 50'  
**Spread:** 40'  
**Shape:** Upright spreading, open, broadly oval  
**Foliage:** Dark green, glossy  
**Fall Color:** Scarlet

**Bare Root**

4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
5 ft., branched  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched

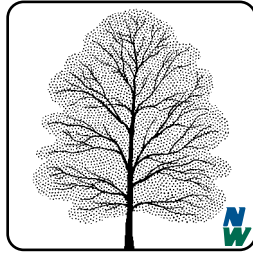
**Root Bag**

4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
5 ft., branched  
6 ft., branched

**Container**

3RS VigorLiner®  
3RP VigorLiner®  
#5  
#7  
#10 6 foot  
#10 1" caliper  
#15 1¼" caliper  
#25 1¾" caliper

*Quercus ellipsoidal*  
**Northern Pin Oak**



**Zone:** 4  
**Height:** 55'  
**Spread:** 40'  
**Shape:** Broadly pyramidal to oval  
**Foliage:** Green  
**Fall Color:** Red

**Bare Root**

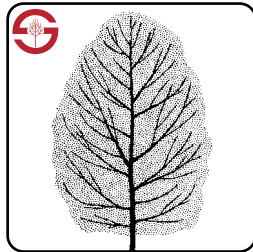
6 ft., branched  
1" cal., branched



Gila Monster™ Oak

*Quercus frainetto* 'Schmidt'  
**Forest Green® Oak**

Royalty \$1.75



**Zone:** 5b  
**Height:** 50'  
**Spread:** 30'  
**Shape:** Upright, oval  
**Foliage:** Deep green, very glossy, rounded lobes  
**Fall Color:** Yellow to brown

**Root Bag**

6 ft., branched  
1" cal., branched

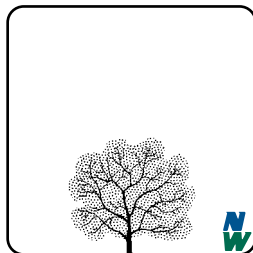
**B & B**

1½" caliper  
1¾" caliper  
2" caliper  
2½" caliper

**Container**

3RS VigorLiner®  
3RP VigorLiner®  
#15 1¼" caliper  
#20 1½" caliper  
#25 1¾" caliper

*Quercus gambelii*  
**Gambel Oak**



**Zone:** 5  
**Height:** 25'  
**Spread:** 25'  
**Shape:** Rounded  
**Foliage:** Dark green  
**Fall Color:** Yellow orange to orange red

**Container**

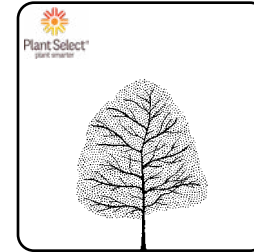
3RP VigorLiner®, multi-stem  
#7 multi-stem

*Quercus x gambelii* (Hybrid Seed Strain)

**Gila Monster™ Oak**

New '26

Royalty: \$1.50



**Zone:** 4  
**Height:** 35'  
**Spread:** 20'  
**Shape:** Broadly oval  
**Foliage:** Dark green  
**Fall Color:** Yellow orange to orange red

A Plant Select® introduction, Gila Monster™ is a seedling strain of Gambel Oak with genetics that include Bur Oak that grew in New Mexico during the past ice age. Unlike most colony forming Gambel oaks, the Gila Monster™ strain develops into trees with a single trunk. These trees are very drought tolerant once established.

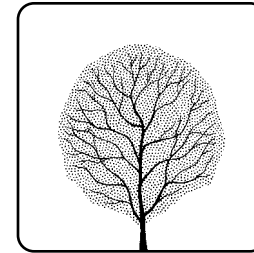
**Root Bag**

5 ft., whip  
6 ft., whip  
5 ft., branched  
6 ft., branched

**Container**

3RS VigorLiner®  
3RS VigorLiner®, multi-stem

*Quercus garryana*  
**Oregon Oak**

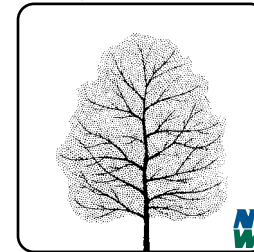


**Zone:** 6  
**Height:** 45'  
**Spread:** 40'  
**Shape:** Oval to rounded  
**Foliage:** Dark green, glossy  
**Fall Color:** Yellow brown

**Container**

3RS VigorLiner®

*Quercus imbricaria*  
**Shingle Oak**



**Zone:** 5  
**Height:** 50'  
**Spread:** 40'  
**Shape:** Broadly oval  
**Foliage:** Dark green, glossy  
**Fall Color:** Yellow to rusty red

**Bare Root**

4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched

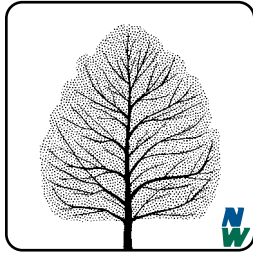


This icon in the lower right hand corner of the illustrations indicates that the variety is also grown as a specimen tree. See page 87 for details.

*Quercus x macdanielii* 'Clemons'

**Heritage® Oak**

Royalty \$1.00



**Zone:** 4  
**Height:** 50'  
**Spread:** 40'  
**Shape:** Broadly pyramidal to oval  
**Foliage:** Dark green, glossy  
**Fall Color:** Yellow

**Bare Root**

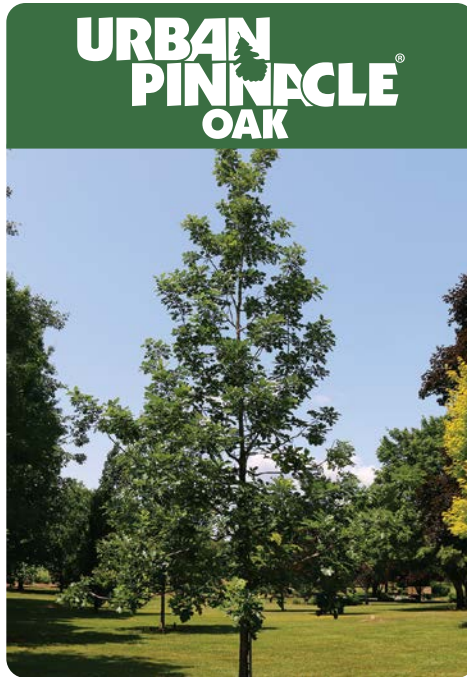
- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched

**Root Bag**

- 5 ft., branched
- 6 ft., branched

**Container**

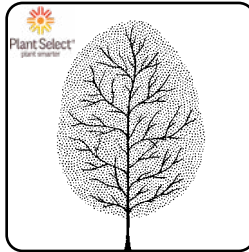
- #5
- #7
- 3RS VigorLiner®
- 3RP VigorLiner®



*Quercus macrocarpa* 'PTimB1S'

**Choice City Select® BulletProof™ Oak**

Royalty: \$1.50



**Zone:** 4  
**Height:** 65'  
**Spread:** 30'  
**Shape:** Upright oval  
**Foliage:** Dark Green



A Plant Select® introduction, this Bur Oak was discovered by Tim Buchanan in Fort Collins, Colorado. After 15 years of monitoring Tim declared the tree resistant or Bulletproof™ to the Bullet Gall Wasp a common pest of many Bur Oaks. It forms a large stately tree with a strong central leader and uniform symmetry. Adaptable to a wide range of soils and moderate drought tolerance.

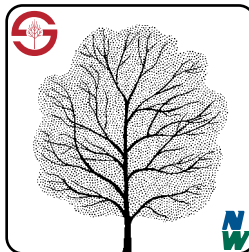
**Container**

- #7
- #10 1" caliper
- #15 1¼" caliper

*Quercus macrocarpa* 'JFS-KW14'

**Cobblestone® Oak**

Royalty \$2.00



**Zone:** 3  
**Height:** 55'  
**Spread:** 45'  
**Shape:** Broadly oval  
**Foliage:** Dark green  
**Fall Color:** Yellow

**Root Bag**

- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched

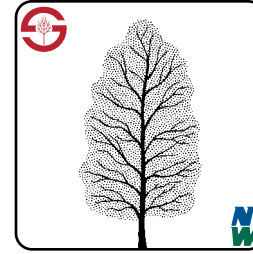
**Container**

- #10 1" caliper

*Quercus macrocarpa* 'JFS-KW3' PP 22815

**Urban Pinnacle® Oak**

Royalty \$2.00



**Zone:** 3  
**Height:** 55'  
**Spread:** 25'  
**Shape:** Narrow, pyramidal to oval  
**Foliage:** Dark green, glossy  
**Fall Color:** Yellow  
**Fruit:** Unusually small acorn

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 6 ft., branched
- 1" cal., branched

**Root Bag**

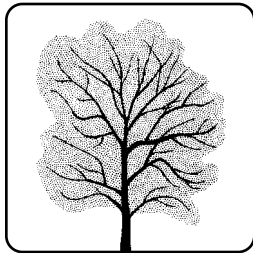
- 6 ft., whip
- 7 ft., whip
- 5 ft., branched
- 6 ft., branched

**Container**

- #10 1" caliper
- #15 1¼" caliper
- #20 1½" caliper

*Quercus macrocarpa*

**Bur Oak**



**Zone:** 3  
**Height:** 55'  
**Spread:** 45'  
**Shape:** Broadly oval, irregular and open  
**Foliage:** Dark green  
**Fall Color:** Yellow to yellow brown

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched

**Root Bag**

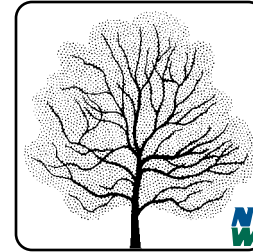
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 4 ft., branched
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched

**Container**

- 3RS VigorLiner®
- 3RP VigorLiner®
- #7
- #10 1" caliper
- #15 1¼" caliper
- #25 1¼" caliper
- #25 2" caliper

*Quercus muehlenbergii*

**Chinkapin Oak**



**Zone:** 5  
**Height:** 45'  
**Spread:** 45'  
**Shape:** Rounded, open  
**Foliage:** Lustrous dark green  
**Fall Color:** Yellow to yellow brown

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched

**Root Bag**

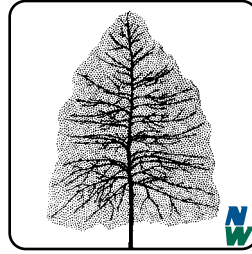
- 5 ft., whip
- 6 ft., whip
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched

**Container**

- 3RS VigorLiner®
- 3RP VigorLiner®
- #7
- #10 1" caliper
- #15 1¼" caliper
- #20 1½" caliper



*Quercus palustris*  
**Pin Oak**



**Zone:** 4  
**Height:** 55'  
**Spread:** 40'  
**Shape:** Pyramidal with slender horizontal branches  
**Foliage:** Green  
**Fall Color:** Rusty orange to red

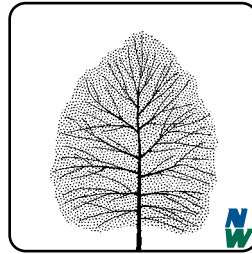
**Bare Root**

4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 5 ft., branched  
 6 ft., branched  
 1" cal., branched  
 1¼" cal., branched  
 1½" cal., branched  
 1¾" cal., branched  
 2" cal., branched

**Container**

3RP VigorLiner®  
 #5  
 #15 1¼" caliper  
 #20 1½" caliper  
 #25 1¾" caliper

*Quercus phellos*  
**Willow Oak**



**Zone:** 6  
**Height:** 50'  
**Spread:** 35'  
**Shape:** Pyramidal when young, becoming rounded  
**Foliage:** Medium green, narrow  
**Fall Color:** Yellow to yellow-brown

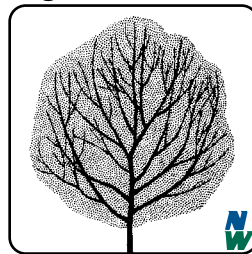
**Bare Root**

3 ft., whip  
 4 ft., whip

**Container**

3RS VigorLiner®

*Quercus robur*  
**English Oak**



**Zone:** 5  
**Height:** 50'  
**Spread:** 40'  
**Shape:** Broad, rounded, open headed crown  
**Foliage:** Deep green  
**Fall Color:** Yellow-brown

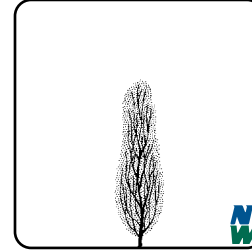
**Bare Root**

4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 6 ft., branched  
 1" cal., branched



*Quercus robur* × *bicolor* 'Nadler'  
**Kindred Spirit® Oak**

Royalty \$2.00



**Zone:** 4  
**Height:** 30'  
**Spread:** 6'  
**Shape:** Tightly columnar  
**Foliage:** Medium green  
**Fall Color:** Yellow to yellow-brown

**Bare Root**

4 ft., branched  
 5 ft., branched  
 6 ft., branched  
 1" cal., branched  
 1¼" cal., branched

**Container**

3RP VigorLiner®  
 #7  
 #10 1" caliper  
 #15 1¼" caliper  
 #20 1½" caliper

*Quercus robur* × *bicolor* 'Long'  
**Regal Prince® Oak**

Royalty \$1.00



**Zone:** 4  
**Height:** 45'  
**Spread:** 18'  
**Shape:** Columnar to narrow oval  
**Foliage:** Glossy, bright green  
**Fall Color:** Yellow

**Bare Root**

5 ft., whip  
 6 ft., whip  
 5 ft., branched  
 6 ft., branched  
 1" cal., branched  
 1¼" cal., branched  
 1½" cal., branched

**Root Bag**

5 ft., branched  
 6 ft., branched  
 1" cal., branched  
 1¼" cal., branched

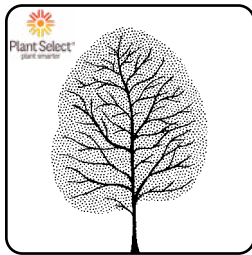
**Container**

3RS VigorLiner®  
 3RP VigorLiner®  
 #7  
 #10 6 foot  
 #10 1" caliper  
 #15 1¼" caliper

*Quercus muelenbergii* 'PTimB3S'

**Choice City Select® Chinkapin Oak**

Royalty: \$1.50



**Zone:** 4  
**Height:** 55'  
**Spread:** 35'  
**Shape:** Rounded oval  
**Foliage:** Deep dark green  
**Fall Color:** Red

**NEW 2027**

A Plant Select® introduction, this Chinkapin Oak was discovered by Tim Buchanan in Fort Collins, Colorado. This superior cultivar has excellent branch structure and glossy dark green foliage. It is tolerant of high pH soils and drought tolerant once established. Autumn brings an outstanding show of red foliage.

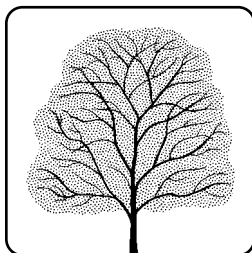
**Bare Root**

4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 5 ft., branched  
 6 ft., branched

**Container**

#7  
 #10 1" caliper  
 #15 1¼" caliper  
 #20 1½" caliper  
 #25 1¾" caliper

*Quercus nuttallii*  
**Nuttall Oak**

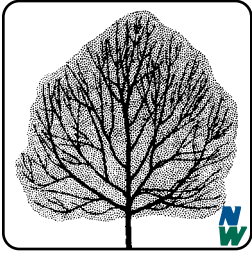


**Zone:** 6  
**Height:** 50'  
**Spread:** 45'  
**Shape:** Broadly pyramidal to broadly oval  
**Foliage:** Dark green  
**Fall Color:** Yellow-orange to rusty red

**Container**

3RS VigorLiner®

*Quercus rubra*  
**Red Oak**



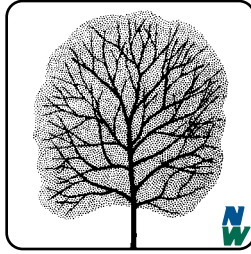
**Zone:** 4  
**Height:** 50'  
**Spread:** 45'  
**Shape:** Rounded  
**Foliage:** Dark green  
**Fall Color:** Red

- Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
5 ft., branched  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched  
2" cal., branched

- Root Bag**  
5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
5 ft., branched  
6 ft., branched  
1" cal., branched  
1¼" cal., branched

- Container**  
3RS VigorLiner®  
3RP VigorLiner®  
#5  
#7  
#10 1" caliper  
#15 1¼" caliper  
#20 1½" caliper  
#25 1¾" caliper  
#35 2" caliper

*Quercus shumardii*  
**Shumard Oak**

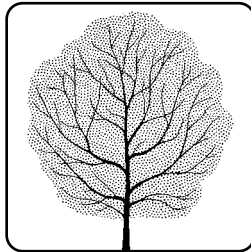


**Zone:** 5  
**Height:** 50'  
**Spread:** 40'  
**Shape:** Upright spreading, open, broadly oval  
**Foliage:** Dark green  
**Fall Color:** Red

- Bare Root**  
5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched

**Container**  
3RP VigorLiner®

*Quercus velutina*  
**Northern Black Oak**



**Zone:** 4  
**Height:** 50'  
**Spread:** 45'  
**Shape:** Oval to rounded  
**Foliage:** Dark green  
**Fall Color:** Rusty red

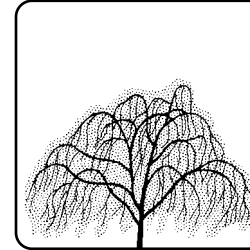
- Bare Root**  
6 ft., branched  
1" cal., branched  
1¼" cal., branched



**Northern Black Oak**

**Salix (Willow)**

*Salix alba* 'Tristis'  
**Golden Weeping Willow**

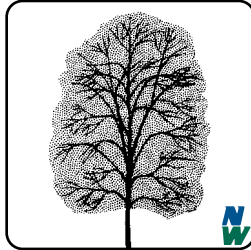


**Zone:** 3  
**Height:** 40'  
**Spread:** 60'  
**Shape:** Broadly weeping  
**Foliage:** Light green  
**Fall Color:** Yellow

- Bare Root**  
4 ft., whip ..... 9.00  
5 ft., whip  
6 ft., whip  
7 ft., whip  
4 ft., branched  
5 ft., branched  
6 ft., branched  
1" cal., branched

**Robinia (Locust)**

*Robinia pseudoacacia* 'Purple Robe'  
**Purple Robe Locust**

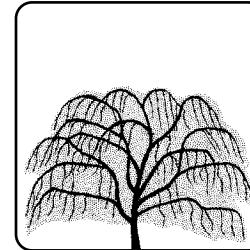


**Zone:** 3  
**Height:** 50'  
**Spread:** 32'  
**Shape:** Ascending, outward arching branches, open  
**Foliage:** Purple-tinted new growth ages to bronze-green  
**Fall Color:** Yellow  
**Flower:** Dark purple  
**Fruit:** Seedless pods

- Bare Root**  
5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
6 ft., branched  
1" cal., branched

**Container**  
#5  
#10 1" caliper  
#15 1¼" caliper  
#20 1½" caliper

*Salix* 'Prairie Cascade'  
**Prairie Cascade Weeping Willow**



**Zone:** 3  
**Height:** 30'  
**Spread:** 40'  
**Shape:** Weeping  
**Foliage:** Dark green, very glossy

- Bare Root**  
4 ft., whip ..... 9.90  
5 ft., whip  
6 ft., whip  
7 ft., whip  
4 ft., branched  
5 ft., branched  
6 ft., branched  
1" cal., branched

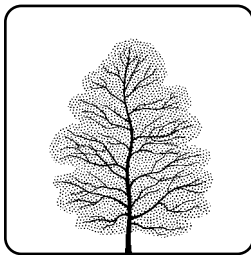


**Regal Prince® Oak**



**Sassafras**

*Sassafras albidum*  
**Sassafras**

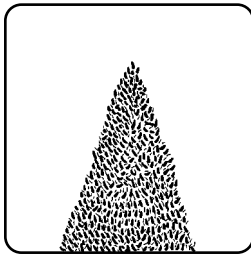


**Zone:** 4  
**Height:** 40'  
**Spread:** 30'  
**Shape:** Irregular pyramidal  
**Foliage:** Green, lobed  
**Fall Color:** Bright red

**Container**  
3RP VigorLiner®

**Sciadopitys**  
(Japanese Umbrella Pine)

*Sciadopitys verticillata*  
**Japanese Umbrella Pine**

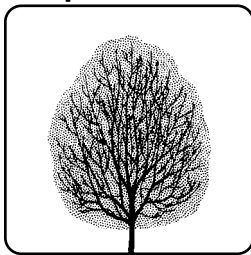


**Zone:** 5  
**Height:** 30'  
**Spread:** 20'  
**Shape:** Pyramidal  
**Foliage:** Glossy dark green

**B & B**  
3 foot  
4 foot

**Sorbus** (Mountain Ash)

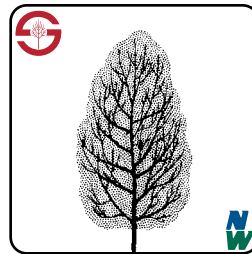
*Sorbus aucuparia*  
**European Mountain Ash**



**Zone:** 2  
**Height:** 35'  
**Spread:** 24'  
**Shape:** Upright and oval, becoming rounded  
**Foliage:** Dark green  
**Fall Color:** Rusty orange  
**Flower:** White, in clusters  
**Fruit:** Orange-red

**Container**  
#5

*Sorbus aucuparia* 'Michred'  
**Cardinal Royal® Mountain Ash**  
Royalty \$1.25

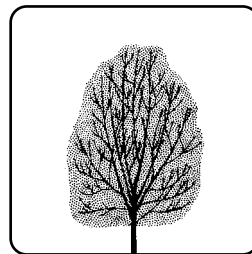


**Zone:** 2  
**Height:** 35'  
**Spread:** 20'  
**Shape:** Upright narrow oval  
**Foliage:** Green  
**Fall Color:** Rust  
**Flower:** White, in clusters  
**Fruit:** Bright red

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched

**Container**  
#7  
#10 1" caliper  
#15 1¼" caliper  
#20 1½" caliper

*Sorbus × hybrida*  
**Oak-leaf Mountain Ash**

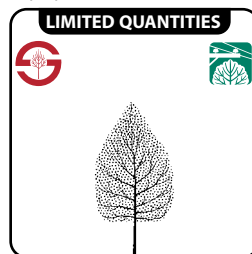


**Zone:** 3  
**Height:** 30'  
**Spread:** 20'  
**Shape:** Upright with ascending branches, oval head  
**Foliage:** Lobed, divided  
**Fall Color:** Rust  
**Flower:** White, in clusters  
**Fruit:** Red, in clusters

**Bare Root**  
6 ft., whip  
7 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched

**Container**  
#10 1" caliper

*Sorbus americana* 'Dwarfcrowne'  
**Red Cascade™ Mountain Ash**  
Royalty \$.75



**Zone:** 3  
**Height:** 18'  
**Spread:** 8'  
**Shape:** Compact, oval  
**Foliage:** Very lustrous green  
**Fall Color:** Yellow-orange  
**Flower:** Small, white, in clusters  
**Fruit:** Small, orange-red, in clusters

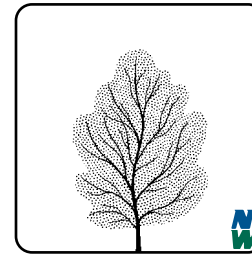
**Bare Root**  
4 ft., whip  
5 ft., whip  
5 ft., branched  
6 ft., branched

Schmidt Introduction see page 5  
 UTILITREES selection see page 92  
 Caliper Specimens Available see page 87



**Stewartia**

*Stewartia pseudocamellia*  
**Japanese Stewartia**



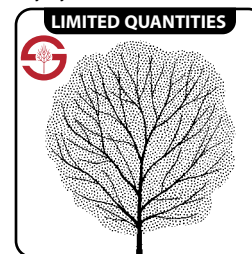
**Zone:** 6  
**Height:** 30'  
**Spread:** 20'  
**Shape:** Pyramidal to oval  
**Foliage:** Medium to dark green  
**Fall Color:** Orange, red, purple  
**Flower:** White, orange anthers, 2½"

**B & B**  
4 foot  
5 foot  
6 foot

**Container**  
3VL VigorLiner®

**Styphnolobium**  
(Japanese Pagoda Tree)

*Styphnolobium japonicum* 'Halka'  
**Millstone™ Japanese Pagoda Tree**  
Royalty \$1.25



**Zone:** 5  
**Height:** 45'  
**Spread:** 35'  
**Shape:** Broadly oval to round  
**Foliage:** Lustrous dark green  
**Fall Color:** Yellow  
**Flower:** Creamy white, in clusters

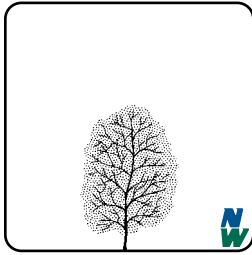
**Container**  
#3



**Fragrant Fountain Snowbell**

**Styrax** (Snowbell)

*Styrax japonicus* 'Evening Light' PP24168  
**Evening Light Snowbell**  
Royalty \$1.65



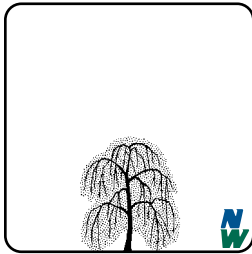
**Zone:** 5  
**Height:** 15'  
**Spread:** 10'  
**Shape:** Upright, oval  
**Foliage:** Dark purple  
**Flower:** White

**Bare Root**  
4 ft., branched  
5 ft., branched  
6 ft., branched  
7 ft., branched  
1" cal., branched

**B & B**  
5 foot  
6 foot  
1" caliper  
1¼" caliper

**Container**  
3VL VigorLiner®

*Styrax japonicus* 'Fragrant Fountain' PP 19664  
**Fragrant Fountain Snowbell**  
Royalty \$1.65



**Zone:** 5  
**Height:** 8'  
**Spread:** 6'  
**Shape:** Weeping  
**Foliage:** Dark green, fine textured  
**Fall Color:** Yellow  
**Flower:** Pure white, bell-shaped

**B & B**  
1" caliper  
1¼" caliper  
1½" caliper  
1¾" caliper

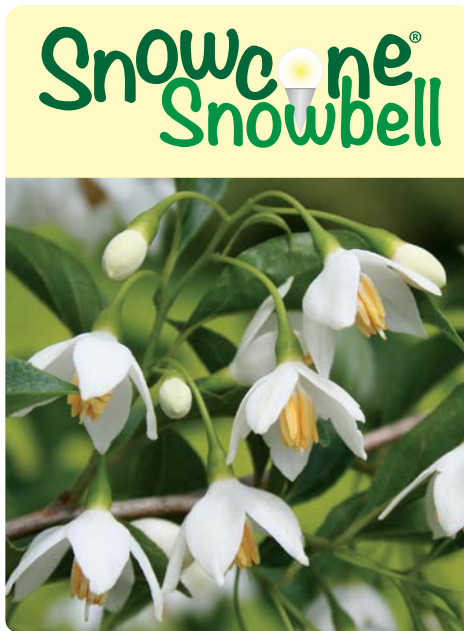
**Container**  
3VL VigorLiner®

*Styrax japonicus* 'JFS 6SJ' PP 34817  
**Nightfall® Snowbell**  
Royalty \$2.50

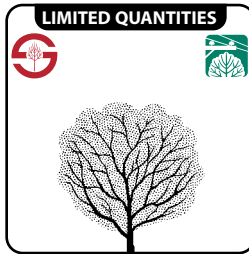


**Zone:** 5  
**Height:** 8'  
**Spread:** 6'  
**Shape:** Weeping  
**Foliage:** Dark purple  
**Flower:** White

**Bare Root**  
4 ft., branched  
5 ft., branched



*Styrax japonicus* 'JFS-E'  
**Snow Charm® Snowbell**  
Royalty \$1.50

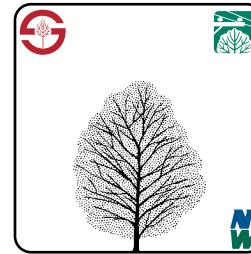


**Zone:** 5  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Rounded  
**Foliage:** Dark green  
**Fall Color:** Yellow  
**Flower:** Pure white, bell shaped

**B & B**  
1" caliper  
1¼" caliper



*Styrax japonicus* 'JFS-D'  
**Snowcone® Snowbell**  
Royalty \$1.50



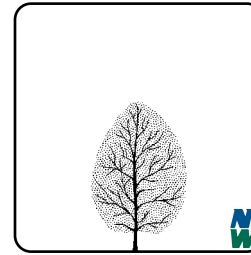
**Zone:** 5  
**Height:** 25'  
**Spread:** 20'  
**Shape:** Broadly pyramidal, dense  
**Foliage:** Dark green, fine textured  
**Fall Color:** Yellow  
**Flower:** Pure white, bell shaped

**Bare Root**  
4 ft., branched  
5 ft., branched  
4 ft., branched, high head  
5 ft., branched, high head  
6 ft., branched, high head  
7 ft., branched, high head

**B & B**  
1" caliper  
1¼" caliper  
1½" caliper

**Container**  
3VL VigorLiner®  
#10 1" caliper

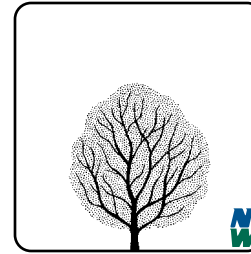
*Styrax japonicus* 'Spring Showers'  
**Spring Showers Snowbell**



**Zone:** 5  
**Height:** 20'  
**Spread:** 15'  
**Shape:** Upright oval  
**Foliage:** Dark green  
**Fall Color:** Yellow  
**Flower:** Pure white, bell shaped

**Container**  
3VL VigorLiner®

*Styrax obassia*  
**Fragrant Snowbell**



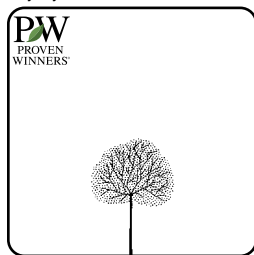
**Zone:** 5  
**Height:** 25'  
**Spread:** 20'  
**Shape:** Oval  
**Foliage:** Dark green  
**Fall Color:** Yellow  
**Flower:** White, fragrant, in chains

**B & B**  
1" caliper  
1¼" caliper  
1½" caliper  
1¾" caliper

 This icon in the lower right hand corner of the illustrations indicates that the variety is also grown as a specimen tree. See page 87 for details.

**Syringa** (Lilac - Tree Form)*Syringa* 'SMSJBP7' PP 26549**Bloomerang® Dark Purple Lilac**

Royalty \$2.85



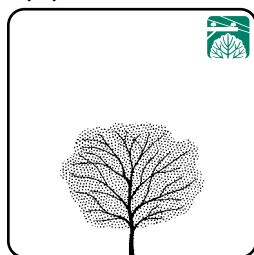
**Zone:** 3a  
**Height:** 8'  
**Spread:** 5'  
**Shape:** Rounded  
**Foliage:** Green  
**Fall Color:** Yellow  
**Flower:** Dark purple, fragrant

**Root Bag**

3' graft, #1 light head  
 3' graft, #1 head

**Syringa** (Tree Lilac)*Syringa pekinensis* 'Zhang Zhiming'**Beijing Gold® Tree Lilac**

Royalty \$1.00



**Zone:** 5  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Upright spreading  
**Foliage:** Dark green  
**Fall Color:** Yellow  
**Flower:** Yellow, in clusters

**Bare Root**

3 foot, multi-stem  
 4 foot, multi-stem  
 5 foot, multi-stem  
 4 ft., branched  
 5 ft., branched  
 6 ft., branched

**Container**

#5  
 #7

*Syringa pekinensis* 'Morton'**China Snow® Tree Lilac**

Royalty \$1.00



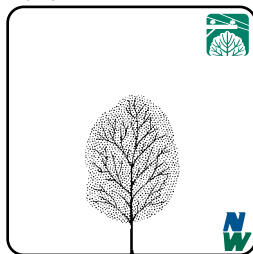
**Zone:** 5  
**Height:** 20'  
**Spread:** 20'  
**Shape:** Upright spreading  
**Foliage:** Dark green  
**Fall Color:** Yellow  
**Flower:** Creamy white clusters

**Bare Root**

5 ft., branched  
 6 ft., branched  
 7 ft., branched

*Syringa pekinensis* 'WFH2'**Great Wall® Tree Lilac**

Royalty \$1.00



**Zone:** 3  
**Height:** 20'  
**Spread:** 12'  
**Shape:** Upright oval  
**Foliage:** Dark green, glossy  
**Fall Color:** Golden yellow  
**Flower:** Bright white, in clusters

**Bare Root**

5 ft., branched  
 6 ft., branched  
 7 ft., branched

**Great Wall® Tree Lilac***Syringa reticulata* 'Ivory Silk'**Ivory Silk® Japanese Tree Lilac**

Royalty \$.35



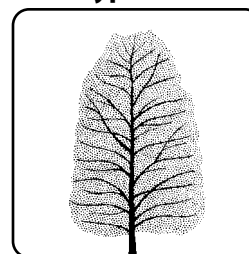
**Zone:** 4  
**Height:** 20'  
**Spread:** 15'  
**Shape:** Upright spreading becoming rounded  
**Foliage:** Dark green  
**Fall Color:** Golden yellow  
**Flower:** Creamy white panicles

**Bare Root**

4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 5 ft., branched  
 6 ft., branched  
 7 ft., branched  
 1" cal., branched  
 1¼" cal., branched  
 1½" cal., branched  
 1¾" cal., branched  
 2 foot, multi-stem  
 3 foot, multi-stem  
 4 foot, multi-stem  
 5 foot, multi-stem

**Container**

#5  
 #7  
 #10 1" caliper  
 #15 1¼" caliper  
 #20 1½" caliper  
 #25 1¾" caliper  
 #10 multi-stem

**Green Whisper® Bald Cypress****Taxodium** (Bald & Pond Cypress)*Taxodium distichum***Bald Cypress**

**Zone:** 5  
**Height:** 55'  
**Spread:** 30'  
**Shape:** Pyramidal  
**Foliage:** Medium green, deciduous conifer  
**Fall Color:** Rusty orange

**Bare Root**

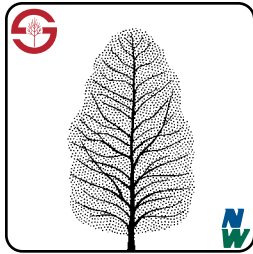
3 ft., branched  
 4 ft., branched  
 5 ft., branched  
 6 ft., branched  
 1" cal., branched  
 1¼" cal., branched  
 1½" cal., branched  
 1¾" cal., branched  
 2" cal., branched

**Container**

3VL VigorLiner®  
 #20 1½" caliper  
 #25 1¾" caliper  
 #25 2" caliper  
 #35 2" caliper  
 #35 2½" caliper

**Ivory Silk® Japanese Tree Lilac**

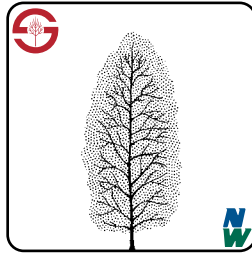
*Taxodium distichum* 'JFS-SGPN'  
**Green Whisper® Bald Cypress**  
Royalty \$1.50



**Zone:** 5  
**Height:** 55'  
**Spread:** 30'  
**Shape:** Pyramidal  
**Foliage:** Fresh, bright green  
**Fall Color:** Rusty orange

**Bare Root**  
4 ft., branched  
5 ft., branched  
**Container**  
3VL VigorLiner®

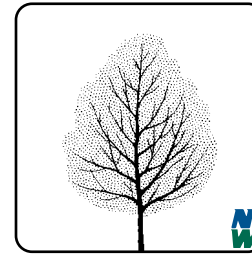
*Taxodium ascendens* 'Carolyn Malone'  
**Greenfeather® Pond Cypress**  
Royalty \$1.50



**Zone:** 5  
**Height:** 50'  
**Spread:** 20'  
**Shape:** Narrow, pyramidal  
**Foliage:** Light green  
**Fall Color:** Rusty orange

**Bare Root**  
4 ft., branched  
5 ft., branched  
**Container**  
3VL VigorLiner®

*Tilia tomentosa* 'PNI 6051'  
**Green Mountain® Linden**  
Royalty \$.50



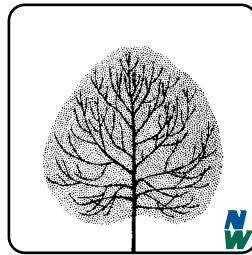
**Zone:** 5  
**Height:** 45'  
**Spread:** 35'  
**Shape:** Broadly pyramidal to oval  
**Foliage:** Dark green with silvery-white undersurface  
**Fall Color:** Yellow

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched



**Tilia**  
(Linden — Less Common Cultivars)

*Tilia × euchlora*  
**Crimean Linden**



**Zone:** 5  
**Height:** 40'  
**Spread:** 35'  
**Shape:** Broadly pyramidal to oval  
**Foliage:** Glossy medium green  
**Fall Color:** Yellow

**Bare Root**  
5 ft., whip  
6 ft., whip  
6 ft., branched  
1" cal., branched



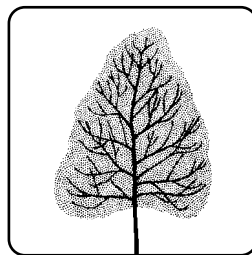
*Taxodium distichum* 'Skyward' PP 22812  
**Lindsey's Skyward™ Bald Cypress**  
Royalty \$1.35



**Zone:** 5  
**Height:** 25'  
**Spread:** 10'  
**Shape:** Upright columnar  
**Foliage:** Green, deciduous needles  
**Fall Color:** Rusty orange

**Bare Root**  
4 ft., branched  
5 ft., branched  
**Container**  
3VL VigorLiner®

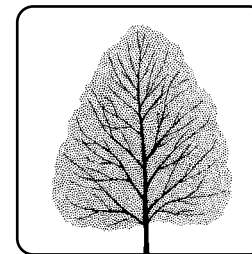
*Tilia × flavescens* 'Glenleven'  
**Glenleven Linden**



**Zone:** 3  
**Height:** 50'  
**Spread:** 30'  
**Shape:** Pyramidal  
**Foliage:** Medium green  
**Fall Color:** Yellow

**Bare Root**  
6 ft., branched  
1" cal., branched  
1¼" cal., branched

*Tilia tomentosa* 'Sterling'  
**Sterling Linden**  
Royalty \$.50

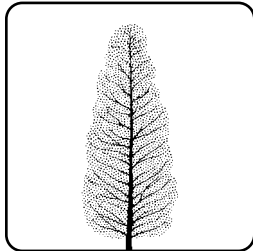


**Zone:** 5  
**Height:** 45'  
**Spread:** 35'  
**Shape:** Broadly pyramidal  
**Foliage:** Leaves green with silver-gray undersurface  
**Fall Color:** Yellow

**INSECT RESISTANCE:** Japanese beetle

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched

*Taxodium distichum* 'Mickelson'  
**Shawnee Brave™ Bald Cypress**  
Royalty \$.85



**Zone:** 5  
**Height:** 55'  
**Spread:** 20'  
**Shape:** Narrowly pyramidal  
**Foliage:** Green, deciduous needles  
**Fall Color:** Rusty orange

**Bare Root**  
3 ft., branched  
4 ft., branched  
5 ft., branched  
**Container**  
3VL VigorLiner®



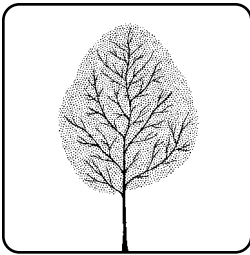
**Container**  
#5  
#7  
#10 6 foot  
#10 1" caliper  
#15 1¼" caliper  
#20 1½" caliper  
#25 1¾" caliper  
#25 2" caliper



*Tilia zamoyskiana* 'Centennial'  
**Centennial™ Linden**

Royalty: \$1.25

New  
'25



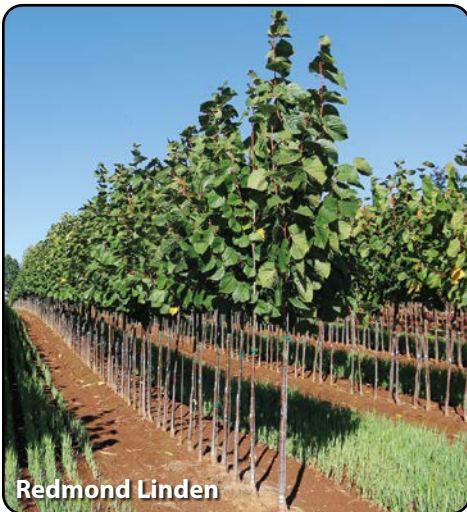
**Zone:** 4  
**Height:** 70'  
**Spread:** 30'  
**Shape:** Pyramidal  
**Foliage:** Green, heart shaped  
**Flower:** Creamy yellow, fragrant

**INSECT RESISTANCE:** Japanese beetle

Originating in a Polish botanical garden, this handsome hybrid of *Tilia americana* x *T. tomentosa* 'Petiolaris' has thrived in the Morton Arboretum since about 1940. Resistant to Japanese beetles, it is attractive to honeybees when it blooms in mid to late June and casts cool shade throughout the summer months.

**Bare Root**  
6 ft., whip  
1" cal., branched  
1¼" cal., branched

**Container**  
#7  
#10 1" caliper  
#15 1¼" caliper

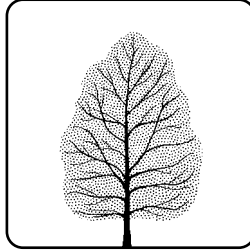


**Redmond Linden**

***Tilia americana***  
(American Linden)

*Tilia americana* 'McK Sentry'  
**American Sentry® Linden**

Royalty \$.75



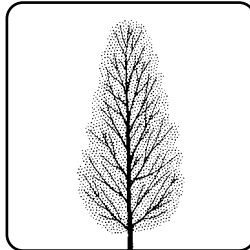
**Zone:** 3  
**Height:** 45'  
**Spread:** 30'  
**Shape:** Pyramidal, symmetrical  
**Foliage:** Medium green  
**Fall Color:** Yellow

**Bare Root**  
5 ft., whip  
6 ft., whip  
7 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched



**Sweet Street™ Linden**

*Tilia americana* 'Boulevard'  
**Boulevard Linden**

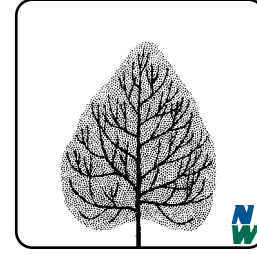


**Zone:** 3  
**Height:** 50'  
**Spread:** 25'  
**Shape:** Narrowly pyramidal  
**Foliage:** Medium green  
**Fall Color:** Yellow

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched

 **Schmidt Introduction** see page 5  
 **UTILITREES** selection see page 92  
 **Caliper Specimens Available** see page 87

*Tilia americana* 'Redmond'  
**Redmond Linden**



**Zone:** 3  
**Height:** 35'  
**Spread:** 25'  
**Shape:** Densely pyramidal  
**Foliage:** Light green  
**Fall Color:** Yellow

**Bare Root**

4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched  
2" cal., branched  
2½" cal., branched

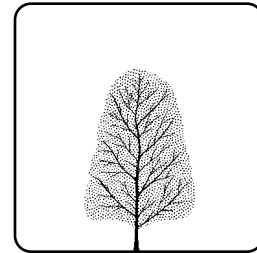
**Container**

#5  
#10 1" caliper  
#15 1¼" caliper  
#20 1½" caliper  
#25 1¾" caliper  
#25 2" caliper  
#35 2" caliper  
#35 2½" caliper

*Tilia americana* 'Kromm' PP 30737  
**Sweet Street™ Linden**

Royalty: \$1.50

New  
'26



**Zone:** 3  
**Height:** 30'  
**Spread:** 15'  
**Shape:** Upright pyramidal  
**Foliage:** Dark green  
**Fall Color:** Yellow

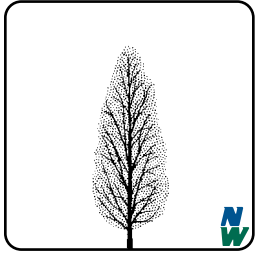
Sweet Street™ has a tight upright pyramidal shape making it especially useful as a street tree that could be used where other cultivars of American Linden would become too large. It appears to have good Japanese Beetle resistance, but this could vary depending on the location.

**Bare Root**

6 ft., whip  
7 ft., whip  
8 ft., whip  
6 ft., branched  
1" cal., branched  
1¼" cal., branched

**Tilia cordata** (Littleleaf Linden)

*Tilia cordata* 'Corzam'  
**Corinthian® Linden**  
Royalty \$.85



**Zone:** 3  
**Height:** 45'  
**Spread:** 15'  
**Shape:** Narrowly pyramidal  
**Foliage:** Dark green  
**Fall Color:** Yellow

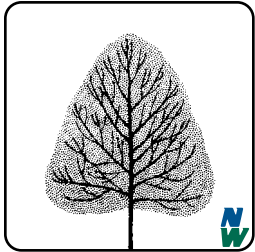
**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched

**Container**

- #15 1¼" caliper
- #20 1½" caliper

*Tilia cordata* 'Greenspire'  
**Greenspire® Linden**  
Royalty \$.50



**Zone:** 4  
**Height:** 40'  
**Spread:** 30'  
**Shape:** Pyramidal, symmetrical  
**Foliage:** Dark green  
**Fall Color:** Yellow

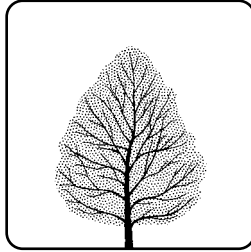
**Bare Root**

- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched
- 1¾" cal., branched

**Container**

- #10 6 foot
- #10 1" caliper
- #15 1¼" caliper
- #20 1½" caliper
- #25 1¾" caliper
- #25 2" caliper

*Tilia cordata* × *mongolica* 'Harvest Gold'  
**Harvest Gold Linden**



**Zone:** 3  
**Height:** 40'  
**Spread:** 30'  
**Shape:** Pyramidal  
**Foliage:** Deep green  
**Fall Color:** Bright golden yellow

**Bare Root**

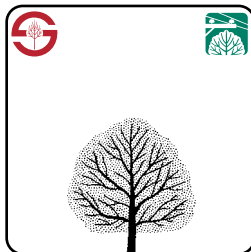
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched



**Greenspire® Linden**

*Tilia cordata* 'Halka'  
**Summer Sprite® Linden**

Royalty \$1.50 | Part of the Sprite™ family of trees.



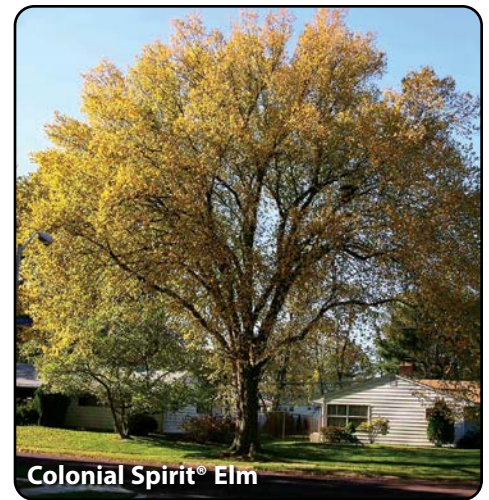
**Zone:** 4  
**Height:** 20'  
**Spread:** 15'  
**Shape:** Semi-dwarf, rounded pyramid  
**Foliage:** Green  
**Fall Color:** Yellow

**Bare Root**

- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched



**Summer Sprite® Linden**

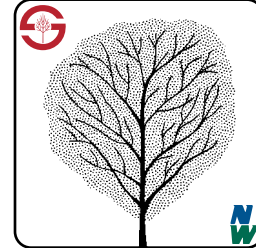


**Colonial Spirit® Elm**

**Ulmus americana**  
(American Elm)

*Ulmus americana* 'JFS-Prince II'  
**Colonial Spirit® Elm**

Royalty \$1.75



**Zone:** 4  
**Height:** 65'  
**Spread:** 50'  
**Shape:** Vase with arching limbs  
**Foliage:** Dark green  
**Fall Color:** Yellow

**DISEASE TOLERANCE:** Dutch elm disease

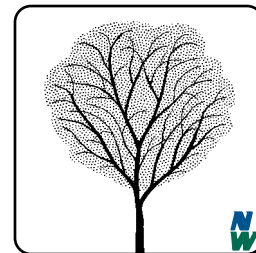
**Bare Root**

- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched

**Container**

- #25 1¾" caliper

*Ulmus americana* 'Jefferson'  
**Jefferson Elm**



**Zone:** 4  
**Height:** 70'  
**Spread:** 50'  
**Shape:** Vase with arching limbs  
**Foliage:** Dark green  
**Fall Color:** Yellow

**DISEASE TOLERANCE:** Dutch elm disease

**Bare Root**

- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched

## Own Root American Elm

As disease resistant elm cultivars become more available in the nursery trade, be sure yours are grown on their own roots or on disease resistant rootstocks! Asian hybrids will retain their disease resistance whether propagated "own root," or budded or grafted onto *U. pumila* or *U. parvifolia* rootstocks. Because American elm cultivars are not compatible with these rootstocks, they are sometimes budded or grafted onto American elm rootstock. This is an unacceptable practice that negates their disease resistance. "Own root" propagation is the only proven way to propagate disease resistant American elms, and the method we use to assure you of healthy trees.

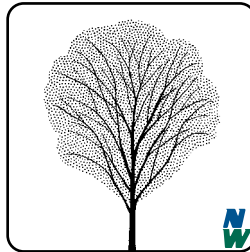


Colonial Spirit® Elm



Valley Forge Elm

### *Ulmus americana* 'Princeton' Princeton Elm



**Zone:** 4  
**Height:** 65'  
**Spread:** 50'  
**Shape:** Upright vase  
**Foliage:** Dark green  
**Fall Color:** Yellow

**DISEASE TOLERANCE:** Dutch elm disease

#### Bare Root

4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 8 ft., whip  
 4 ft., branched  
 5 ft., branched  
 6 ft., branched  
 1" cal., branched  
 1¼" cal., branched

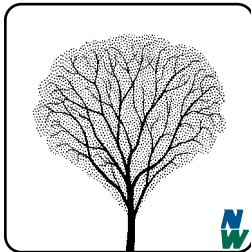
#### Root Bag

1¼" cal., branched

#### Container

3RP VigorLiner®  
 #5  
 #7  
 #10 1" caliper  
 #15 1¼" caliper  
 #20 1½" caliper  
 #25 1¾" caliper

### *Ulmus americana* 'New Harmony' New Harmony Elm



**Zone:** 4  
**Height:** 70'  
**Spread:** 65'  
**Shape:** Vase with arching limbs  
**Foliage:** Medium green  
**Fall Color:** Yellow

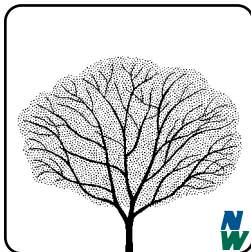
**DISEASE TOLERANCE:** Dutch elm disease

#### Bare Root

5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 5 ft., branched  
 6 ft., branched  
 1" cal., branched

### *Ulmus americana* 'Lewis & Clark' Prairie Expedition® Elm

Royalty \$.95



**Zone:** 2b  
**Height:** 55'  
**Spread:** 60'  
**Shape:** Broad, rounded to spreading vase  
**Foliage:** Dark green  
**Fall Color:** Yellow

**DISEASE TOLERANCE:** Dutch elm disease

#### Bare Root

5 ft., branched  
 6 ft., branched  
 1" cal., branched

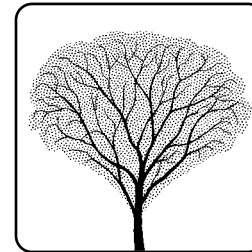


Accolade® Elm



Summer Elixir® Elm

### *Ulmus americana* 'Valley Forge' Valley Forge Elm



**Zone:** 4  
**Height:** 70'  
**Spread:** 70'  
**Shape:** Broad vase with arching limbs  
**Foliage:** Medium green  
**Fall Color:** Yellow

**DISEASE TOLERANCE:** Dutch elm disease

#### Bare Root

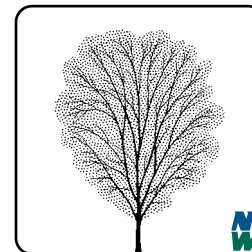
4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 8 ft., whip  
 5 ft., branched  
 6 ft., branched  
 1" cal., branched

## *Ulmus parvifolia* (Lacebark Elm)

### *Ulmus parvifolia* 'Emer II'

#### Allee® Elm

Royalty \$1.09



**Zone:** 5  
**Height:** 50'  
**Spread:** 35'  
**Shape:** Upright vase, arching  
**Foliage:** Medium green, glossy  
**Fall Color:** Yellow-orange to rust red

**DISEASE TOLERANCE:** Dutch elm disease and phloem necrosis

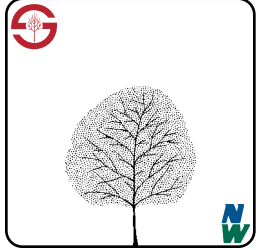
**Container**  
 3RP VigorLiner®

**Ulmus**  
(Elm - Less Common Species and Hybrids)

*Ulmus chenmoui* 'JAB Morton'

**Summer Elixir® Elm**

Royalty \$2.00



**Zone:** 5  
**Height:** 35'  
**Spread:** 30'  
**Shape:** Rounded  
**Foliage:** Dark green  
**Fall Color:** Yellow, tinged red and purple

**INSECT RESISTANCE:** elm leaf beetle

**DISEASE TOLERANCE:** Dutch elm disease

**Bare Root**

- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched

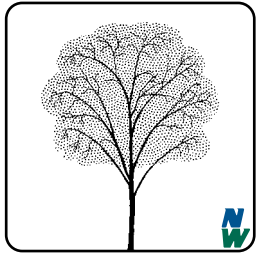
**Container**

- #7
- #10 1" caliper
- #15 1¼" caliper

*Ulmus davidiana* 'Morton'

**Accolade® Elm**

Royalty \$1.00



**Zone:** 4  
**Height:** 70'  
**Spread:** 60'  
**Shape:** Vase with arching limbs  
**Foliage:** Glossy, dark green  
**Fall Color:** Yellow

**INSECT RESISTANCE:** Elm leaf beetle

**DISEASE TOLERANCE:** Dutch elm disease and phloem necrosis

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 4 ft., branched
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched

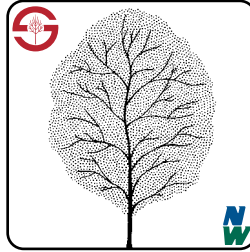
**Container**

- #7
- #10 1" caliper
- #15 1¼" caliper

*Ulmus davidiana* 'JFS KW2UD'

**Greenstone® Elm**

Royalty \$1.75



**Zone:** 4  
**Height:** 60'  
**Spread:** 40'  
**Shape:** Upright vase  
**Foliage:** Medium green  
**Fall Color:** Yellow

**DISEASE TOLERANCE:**

Dutch elm disease and phloem necrosis

**Bare Root**

- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched

**Container**

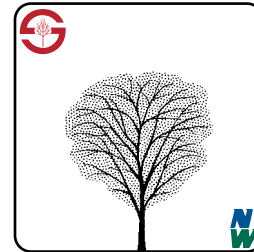
- #15 1¼" caliper
- #20 1½" caliper
- #25 1¾" caliper



*Ulmus propinqua* 'JFS-Bieberich'

**Emerald Sunshine® Elm**

Royalty \$1.75



**Zone:** 5  
**Height:** 35'  
**Spread:** 25'  
**Shape:** Vase  
**Foliage:** Deep green  
**Fall Color:** Yellow

**INSECT RESISTANCE:**

Japanese and elm leaf beetles

**DISEASE TOLERANCE:**

Dutch elm disease and phloem necrosis

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched

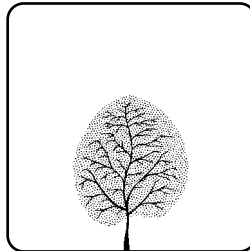
**Container**

- 3RP VigorLiner®
- #7
- #10 1" caliper
- #15 1¼" caliper

*Ulmus davidiana* 'Burgundy Glow'

**Northern Empress® Elm**

Royalty: \$2.00



**Zone:** 3  
**Height:** 25'  
**Spread:** 20'  
**Shape:** Rounded crown  
**Foliage:** Medium green  
**Fall Color:** Orange, red

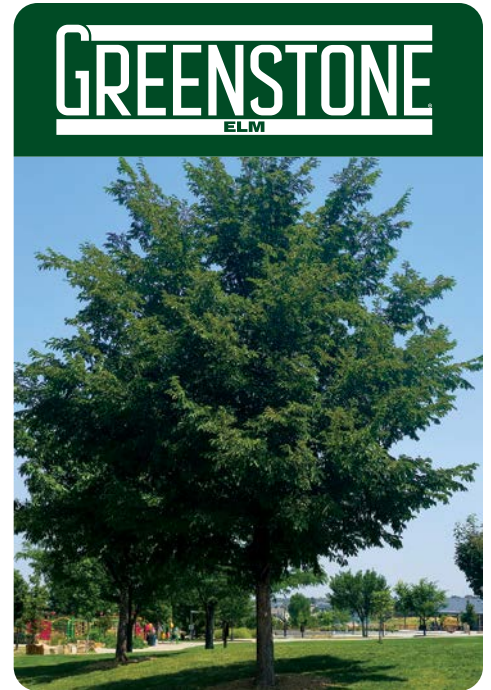
This very hardy Elm was introduced by North Dakota State University for its exceptional hardiness and attractive fall colors ranging from shades of orange to dark Red. A good choice for urban landscapes especially in colder climates. Northern Empress® is also tolerant of higher pH soils than many other cultivars.

**Bare Root**

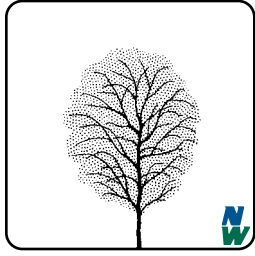
- 5 ft., whip
- 6 ft., whip

**Container**

- #5
- #7



Northern Empress® Elm

*Ulmus* 'Frontier'**Frontier Elm**

**Zone:** 5  
**Height:** 40'  
**Spread:** 30'  
**Shape:** Vase to oval  
**Foliage:** Glossy green  
**Fall Color:** Burgundy

**DISEASE TOLERANCE:**

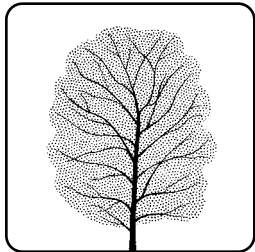
Dutch elm disease and phloem necrosis

**Bare Root**

4 ft., whip  
 5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 5 ft., branched  
 6 ft., branched  
 1" cal., branched  
 1¼" cal., branched  
 1½" cal., branched

**Container**

3RP VigorLiner®  
 #5  
 #7  
 #10 1" caliper  
 #15 1¼" caliper  
 #20 1½" caliper  
 #25 1¾" caliper  
 #25 2" caliper

**Frontier Elm***Ulmus japonica* × *pumila* 'New Horizon'**New Horizon Elm**

**Zone:** 4  
**Height:** 55'  
**Spread:** 40'  
**Shape:** Upright oval, slightly arching  
**Foliage:** Dark green  
**Fall Color:** Yellow

**DISEASE TOLERANCE:**

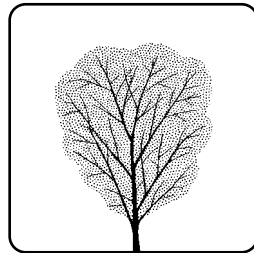
Dutch elm disease and phloem necrosis

**Bare Root**

5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 8 ft., whip  
 6 ft., branched  
 1" cal., branched  
 1¼" cal., branched

**Container**

#15 1¼" caliper

**Triumph™ Elm***Ulmus* 'Patriot'**Patriot Elm**

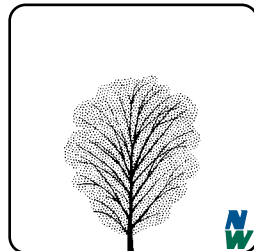
**Zone:** 4  
**Height:** 50'  
**Spread:** 40'  
**Shape:** Upright, narrow vase  
**Foliage:** Dark green  
**Fall Color:** Yellow

**DISEASE TOLERANCE:**

Dutch elm disease and phloem necrosis

**Bare Root**

5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 5 ft., branched  
 6 ft., branched  
 1" cal., branched

*Ulmus wilsoniana* 'Prospector'**Prospector Elm**

**Zone:** 4b  
**Height:** 40'  
**Spread:** 30'  
**Shape:** Vase  
**Foliage:** Deep green, glossy  
**Fall Color:** Yellow

**INSECT RESISTANCE:** elm leaf beetle**DISEASE TOLERANCE:**

Dutch elm disease and phloem necrosis

**Bare Root**

5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 5 ft., branched  
 6 ft., branched

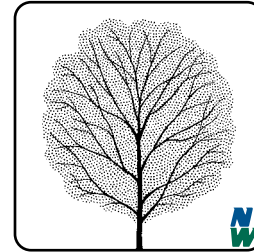
Schmidt Introduction see page 5

UTILITREES selection see page 92

Caliper Specimens Available see page 87

*Ulmus* 'Morton Glossy'**Triumph™ Elm**

Royalty \$.60



**Zone:** 4  
**Height:** 55'  
**Spread:** 45'  
**Shape:** Upright oval to vase  
**Foliage:** Glossy dark green  
**Fall Color:** Yellow

**DISEASE TOLERANCE:**

Dutch elm disease and phloem necrosis

**Bare Root**

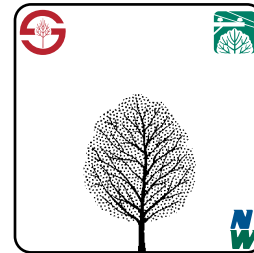
5 ft., whip  
 6 ft., whip  
 7 ft., whip  
 8 ft., whip  
 5 ft., branched  
 6 ft., branched  
 1" cal., branched  
 1¼" cal., branched  
 1½" cal., branched

**Container**

3RP VigorLiner®  
 #7  
 #10 1" caliper  
 #15 1¼" caliper  
 #25 1¾" caliper  
 #25 2" caliper

**Zelkova***Zelkova serrata* 'JFS-KW1' PP 20996**City Sprite® Zelkova**

Royalty \$1.75 | Part of the Sprite™ family of trees.



**Zone:** 5  
**Height:** 24'  
**Spread:** 18'  
**Shape:** Compact oval to vase  
**Foliage:** Bright green, fine textured  
**Fall Color:** Yellow

**Bare Root**

4 ft., whip  
 5 ft., whip  
 4 ft., branched  
 5 ft., branched  
 6 ft., branched  
 1" cal., branched  
 1¼" cal., branched  
 1½" cal., branched  
 1¾" cal., branched

**Container**

#7  
 #10 1" caliper  
 #15 1¼" caliper  
 #20 1½" caliper  
 #25 1¾" caliper  
 #35 2" caliper

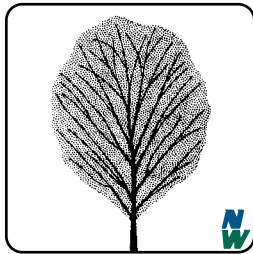


This icon in the lower right hand corner of the illustrations indicates that the variety is also grown as a specimen tree. See page 87 for details.

*Zelkova serrata* 'Green Vase'

**Green Vase® Zelkova**

Royalty \$.75



**Zone:** 5  
**Height:** 45'  
**Spread:** 30'  
**Shape:** Vase with upright arching branches  
**Foliage:** Green  
**Fall Color:** Orange

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched
- 1¾" cal., branched
- 2" cal., branched

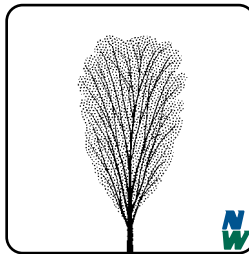
**Container**

- #5
- #15 1¼" caliper
- #20 1½" caliper
- #25 1¾" caliper
- #35 2" caliper



*Zelkova serrata* 'Musashino'

**Musashino Columnar Zelkova**



**Zone:** 5  
**Height:** 45'  
**Spread:** 15'  
**Shape:** Very narrow upright vase  
**Foliage:** Medium green  
**Fall Color:** Yellow

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched

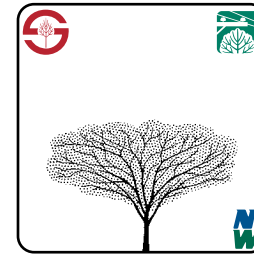
**Container**

- #5
- #7
- #10 1" caliper
- #20 1½" caliper
- #25 1¾" caliper

*Zelkova serrata* 'Schmidtlow'

**Wireless® Zelkova**

Royalty \$1.75



**Zone:** 5  
**Height:** 24'  
**Spread:** 36'  
**Shape:** Broadly spreading vase  
**Foliage:** Medium green  
**Fall Color:** Red

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched

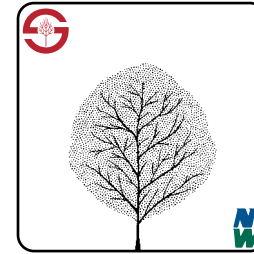
**Container**

- #7
- #10 1" caliper
- #15 1¼" caliper
- #20 1½" caliper
- #25 1¾" caliper
- #25 2" caliper

*Zelkova serrata* 'JFS KW4ZS' PP 34818

**Zileration® Zelkova**

Royalty \$2.50



**Zone:** 5  
**Height:** 30'  
**Spread:** 25'  
**Shape:** Compact vase  
**Foliage:** Dark green, fine textured  
**Fall Color:** Rusty orange

**Bare Root**

- 4 ft., branched
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched

**Container**

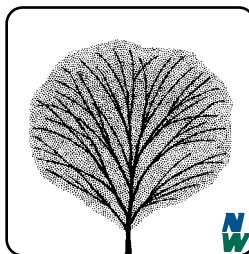
- #10 1" caliper
- #15 1¼" caliper



*Zelkova serrata* 'Village Green'

**Village Green™ Zelkova**

Royalty \$.50



**Zone:** 5  
**Height:** 40'  
**Spread:** 40'  
**Shape:** Rounded vase  
**Foliage:** Deep green  
**Fall Color:** Rusty red

**Bare Root**

- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 5 ft., branched
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched
- 1¾" cal., branched

**Container**

- #7
- #15 1¼" caliper
- #20 1½" caliper
- #25 1¾" caliper



Zileration® Zelkova



Honeycrisp Apple



Redhaven Peach



Bing Cherry

## Fruit Trees

The popularity of home-grown fruit continues to grow as homeowners turn to their own yards and gardens for healthy, nutritious food. Backyard orchard culture and community food forest initiatives gain new converts every year as health-conscious gardeners produce their own tree-ripened, fresh-picked fruits.

We offer retail-ready fruit trees in #5 and #7 containers and the most popular, best-selling varieties of bare root fruit trees in a range of sizes.

On these pages you'll find unusual varieties as well as old favorites. Our multi-grafted trees combining several varieties on one tree are a great fit for small gardens. Photos and descriptions of our fruit trees, their approximate ripening times, recommended pollinizers, rootstocks and other details are found at [www.jfss.co./fruit](http://www.jfss.co./fruit)

### Fruit Cocktail Trees

Our Fruit Cocktail trees are a combination of grafted varieties of peach, plum, nectarine and apricot. Varieties will vary based on graft wood that was available at the time of production.

Multi-Graft Fruit Trees	Size	Bare Root						Container		
		1/2" cal.	5/8" cal.	3/4" cal.	7/8" cal.	1" cal.	1 1/4" cal.	#7	#10	#15
		10-49								
	50-Up									
4-N-1 Apple				✓	✓	✓		✓		
4-N-1 Cherry			✓	✓	✓	✓	✓	✓		
Fruit Cocktail		✓	✓	✓	✓	✓	✓			
4-N-1 Plum			✓	✓	✓	✓	✓	✓	✓	✓
4-N-1 Pear			✓	✓	✓	✓		✓		

Malus Apple <small>(M106, M-7 or M111 rootstocks)</small>	Size	Bare Root						Container	
		5/16" cal.	3/8" cal.	1/2" cal.	5/8" cal.	3/4" cal.	7/8" cal.	#5	#7
		10-49							
	50-Up								
Braeburn		✓	✓	✓	✓	✓		✓	✓
Dorsett Golden			✓	✓	✓	✓			
Fuji			✓	✓	✓	✓	✓	✓	✓
Gala		✓	✓	✓	✓	✓	✓	✓	✓
Golden Delicious		✓	✓	✓	✓	✓		✓	✓
Granny Smith		✓	✓	✓	✓	✓	✓	✓	✓
Gravenstein		✓	✓	✓	✓	✓		✓	✓
Honeycrisp		✓	✓	✓	✓			✓	✓
McIntosh			✓	✓	✓	✓		✓	✓
Mutsu		✓	✓	✓	✓				
Pink Lady® <small>Royalty: \$1.25</small>		✓	✓	✓	✓	✓		✓	✓
Red Delicious		✓	✓	✓	✓	✓	✓	✓	✓
Scarlet Sentinel Columnar			✓	✓	✓	✓	✓		
Winesap		✓	✓	✓	✓	✓			

*Diospyros*  
**Persimmon**

**Fuyu ('Jiro')**  
Container  
#7

*D. Lotus* rootstock

*Prunus*  
**NectaPlum®**

**Spice Zee**  
Bare Root

5/16"  
3/8"  
1/2"  
5/8"  
3/4"  
7/8"  
1"

Container  
#5  
#7

*Lovell* rootstock

*Prunus*  
**Pluot® Interspecific**

**Flavor King**  
Bare Root

5/16"  
3/8"  
1/2"  
5/8"  
3/4"

Container  
#5  
#7

*Citation* or *Myrobalen 29C* rootstocks

*Prunus*  
**Pluerry™ Interspecific**

**Sweet Treat**

Bare Root

5/16"  
3/8"  
1/2"  
5/8"  
3/4"

*M-7* rootstock

<i>Prunus</i> <b>Apricot</b> <small>(<i>Citation</i> or <i>Myrobalen</i> rootstocks)</small>	Size	Bare Root						Container	
		5/16" cal.	3/8" cal.	1/2" cal.	5/8" cal.	3/4" cal.	7/8" cal.	#5	#7
		10-49	50-Up						
Harcot		✓	✓	✓	✓	✓	✓	✓	✓
Montrose		✓	✓	✓	✓	✓		✓	✓
Moorpark									✓
Mormon		✓	✓	✓	✓	✓			
Puget Gold		✓	✓	✓	✓	✓	✓	✓	✓
Tilton		✓	✓	✓	✓	✓	✓		✓
Wenatchee Moorpark		✓	✓	✓	✓	✓	✓	✓	✓

<i>Prunus</i> <b>Cherry</b> <small>(<i>Mazzard</i> or <i>Maxima</i>® 14 rootstocks)</small>	Size	Bare Root							Container	
		5/16" cal.	3/8" cal.	1/2" cal.	5/8" cal.	3/4" cal.	7/8" cal.	1" cal.	#5	#7
		10-49	50-Up							
Bali			✓	✓	✓	✓	✓			✓
Bing			✓	✓	✓	✓	✓	✓	✓	✓
Black Tartarian		✓	✓	✓	✓	✓	✓	✓	✓	✓
Lapins			✓	✓	✓	✓	✓	✓	✓	
Montmorency		✓	✓	✓	✓	✓			✓	✓
North Star		✓	✓	✓	✓	✓	✓		✓	✓
Rainier			✓	✓	✓	✓	✓	✓	✓	✓
Royal Ann			✓	✓	✓	✓	✓	✓		✓
Stella			✓	✓	✓	✓	✓	✓	✓	✓
Sweetheart		✓	✓	✓	✓	✓	✓	✓	✓	✓
Utah Giant			✓	✓	✓	✓	✓	✓	✓	✓
Van			✓	✓	✓	✓	✓		✓	✓



**Wenatchee Moorpark Apricot**

<i>Prunus</i> <b>Nectarine</b> <small>(<i>Lovell</i> or <i>Nemaguard</i> rootstocks)</small>	Size	Bare Root						Container	
		3/8" cal.	1/2" cal.	5/8" cal.	3/4" cal.	7/8" cal.	1" cal.	#5	#7
		10-49	50-Up						
Fantasia			✓	✓	✓	✓	✓	✓	✓
Flavortop		✓	✓	✓	✓	✓	✓	✓	✓
Heavenly White			✓	✓	✓	✓			✓
Sunglo			✓	✓	✓	✓	✓		

Prunus <b>Peach</b> <i>(Lovell rootstock)</i>	Size	Bare Root							Container		
		5/16" cal.	3/8" cal.	1/2" cal.	5/8" cal.	3/4" cal.	7/8" cal.	1" cal.	#5	#7	
		10-49									
	50-Up										
Contender		✓	✓	✓	✓	✓			✓	✓	
Elberta		✓	✓	✓	✓	✓	✓		✓	✓	
Frost				✓	✓	✓	✓	✓			
Galaxy		✓	✓	✓	✓	✓	✓		✓	✓	
Redhaven		✓	✓	✓	✓	✓	✓	✓	✓	✓	
Reliance		✓	✓	✓	✓	✓	✓	✓	✓	✓	
Saturn		✓	✓	✓	✓	✓	✓	✓			
Snow Beauty White		✓	✓	✓	✓	✓	✓	✓	✓	✓	
Veteran		✓	✓	✓	✓	✓	✓			✓	



Snow Beauty White Peach



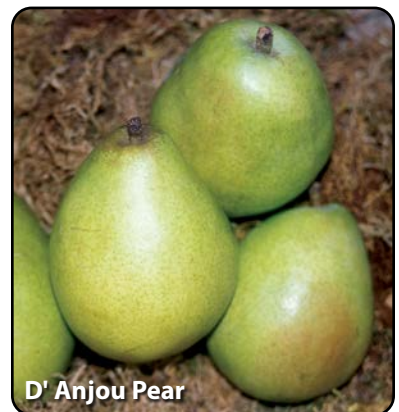
Santa Rosa Plum

Prunus <b>Plum/Prune</b> <i>(Citation, Myrobale or Nemaquard rootstocks)</i>	Size	Bare Root						Container		
		5/16" cal.	3/8" cal.	1/2" cal.	5/8" cal.	3/4" cal.	7/8" cal.	#5	#7	
		10-49								
	50-Up									
Elephant Heart		✓	✓	✓	✓	✓			✓	✓
Green Gage										✓
Hollywood		✓	✓	✓	✓	✓			✓	✓
Methley		✓	✓	✓	✓	✓			✓	✓
Santa Rosa		✓	✓	✓	✓	✓	✓		✓	✓
Satsuma		✓	✓	✓	✓	✓			✓	✓
Superior		✓	✓	✓	✓	✓			✓	✓
Italian Prune		✓	✓	✓	✓	✓	✓		✓	✓
Stanley Prune			✓	✓	✓	✓	✓		✓	✓

Pyrus <b>Pear/Asian Pear</b> <i>(OhxF and Bartlett rootstocks)</i>	Size	Bare Root					Container	
		5/16" cal.	3/8" cal.	1/2" cal.	5/8" cal.	3/4" cal.	#5	#7
		10-49						
	50-Up							
Bartlett		✓	✓	✓	✓	✓	✓	
Bosc		✓	✓	✓	✓		✓	
Comice		✓	✓	✓	✓		✓	✓
D'Anjou		✓	✓	✓	✓		✓	
Kieffer		✓	✓	✓	✓	✓	✓	✓
Luscious		✓	✓	✓	✓		✓	✓
Red Bartlett		✓	✓	✓	✓	✓	✓	✓
Red D'Anjou		✓	✓	✓			✓	
Seckel							✓	
Sensation Red Bartlett			✓	✓	✓		✓	
Summercrisp			✓	✓	✓		✓	✓
20 <sup>th</sup> Century Asian		✓	✓	✓	✓	✓	✓	✓
Hosui Asian			✓	✓	✓	✓	✓	✓
Shinseiki Asian			✓	✓	✓		✓	✓



20th Century Asian Pear



D'Anjou Pear

Prunus <b>Miniature Nectarine &amp; Peach</b> <i>(Lovell or Nemaguard rootstocks)</i>	Size	Bare Root		Container
		#1 lt. head	#1 head	#7
		10-49		
	50-Up			
Arctic Babe Nectarine			✓	✓
Nectar Babe Nectarine				✓
Bonfire Peach				✓
Pix Zee Peach		✓	✓	✓



## NW Specimen Trees (Northwest Shade Trees)

Grown with care at JFS-Northwest Shade Tree Farm, our grower of large-caliper specimen B&B trees since 1973.

Large specimen B&B trees are landscape-ready for projects large and small. We offer over 250 cultivars of shade, conifer, and ornamental trees in 2"-5" caliper with root balls generally ranging from 28" to 60". We concentrate on producing quality trees from the root system to the crown, necessary for exceptional survivability and reestablishment in the landscape. Our controlled drip irrigation limits lateral root growth and encourages a fibrous root system. To capture as many roots as possible, we generally dig a root ball that is one size larger than recommended by AmericanHort. Such practices result in harvest of a higher percentage of the root system, a root ball that holds together better, and a tree that transplants well. Our pruning practices, developed over five decades of experience and research, result in beautiful tree canopies with symmetrical, perfectly formed crowns with straight leaders. Our standards and consistent quality have established us as industry leaders in B&B specimen tree growing.



Find our current selection of specimen trees at:  
<https://jfschmidt.com/stock-availability/>

Learn more about trees from our Northwest Shade Trees farm at:  
<https://shadetrees.com>



### Fee Schedule for Specimen Trees

#### Fee Schedule

**Summer Dig Fee:** \$25.00 per tree  
Covers extra processing to summer dig.

**Summer Holding Maintenance Fee:** \$9.00 per tree per month.  
Starts April 1<sup>st</sup> for trees booked for dormant ship. For trees scheduled to ship April 15<sup>th</sup> to June 1<sup>st</sup> the fee starts on May 1<sup>st</sup>.

**Specific Product (Customer) Tagging:** 20% non-refundable deposit based on tree cost. Discount percentage is also reduced.

**Untie/Re-tie Fee:** \$7.00 per tree.  
Applies to trees ordered for dormant shipping that are not picked up in a timely fashion. (Not charged if summer holding fees applies, unless a ship date is requested and missed.)

#### Cancellations

Order cancellations will be assessed the following fees:

Last day to cancel with no fee:		
Fall October 1 <sup>st</sup>	Spring December 1 <sup>st</sup>	Future August 1 <sup>st</sup>

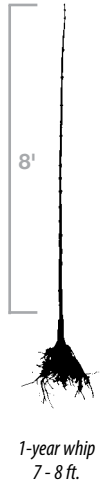
**Cancellations after the above dates:**  
**Before digging:** 20% of tree cost.  
**Already dug:** 100% of price + fees.

#### Claims

Claims must be made to sales representative or the sales department within ten months from the requested ready date for any tree that does not perform as expected.

### Whips

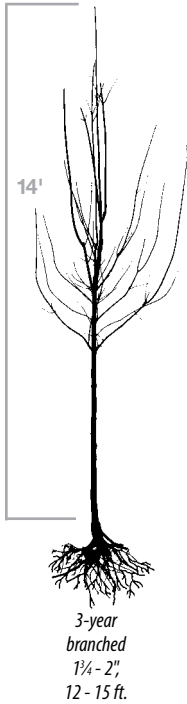
Whips are almost always one-year-old tops. They range from being completely unbranched to being lightly branched on the lower stem. Ash, Linden, Honeylocust and Kentucky Coffee Tree will generally be completely free of branches. Some species branch naturally at a young age, and others do not. Red Maples, and to a lesser extent Sugar Maples and Crabapples, tend to branch freely off one-year growth. Any branches above 2 or 2½ feet from the ground are left on whips to help increase caliper and thus provide a sturdier stem.



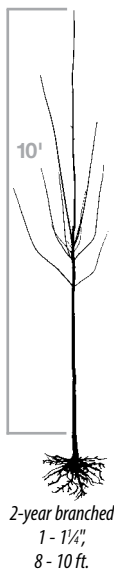
1-year whip  
7 - 8 ft.

### Branched Shade Trees

Varieties including Honeylocust, Ash, Birch, Linden, Oak and some Maple have naturally straight central leaders and radiating lateral branches. Varieties that are not free branching, such as Sugar Maple and certain oaks, are topped while dormant to promote symmetrical branching during the next growing season.



3-year  
branched  
1 1/4" - 2"  
12 - 15 ft.



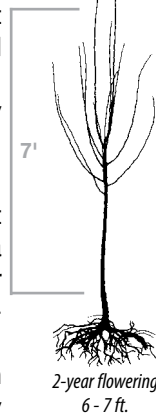
2-year branched  
1 - 1 1/4"  
8 - 10 ft.

A single dominant straight leader is then established by hand taping the top shoot. Varieties that branch well are not topped. In either case, the resulting tree has a straight leader and symmetrical branching. In general, 6-8' and 1"-1 1/4" grade trees are two years old. Most trees of larger sizes are three years old, possessing fuller heads and more secondary branching.

### Branched Flowering Trees

Flowering Crabapples, Cherries and Hawthorns are generally 2-year-old trees topped at 4 to 5 feet, depending on cultivar. A leader is reestablished by taping. Certain Flowering Pear, Plums, Snowbell and others have dominant central leaders and branch well naturally. These are generally untopped.

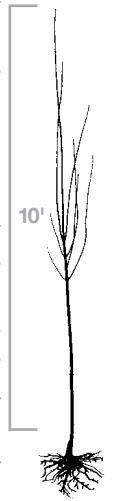
Head height, symmetrical branching and straight central leader create a structural foundation for a premium quality caliper tree for the growers, while the heavy branch structure and full canopy serve the needs of the garden center and those growers who service garden centers by finishing bare root trees in containers.



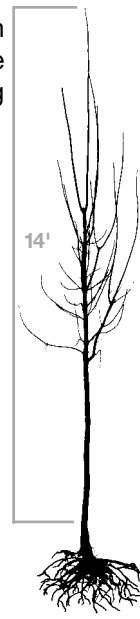
2-year flowering  
6 - 7 ft.

### Light Branched Trees

These trees have the same general form as our regular branched grade. Caliper is the same, but, light branched trees differ in having fewer and/or shorter branches. Often a good, economical choice for growers who are lining out trees, as they generally thin out and prune back branches at planting time. Landscapers and garden centers may prefer to use regular branched grade trees, as they don't have the time to let a light branched tree mature to a saleable form.



2-year light  
branched  
1 - 1 1/4"  
8 - 10 ft.



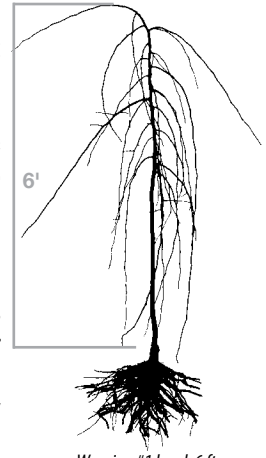
3-year light  
branched  
1 1/4" - 2"  
12 - 15 ft.

### Weeping & Head Grade Trees

Weeping and top-grafted forms of Flowering Cherry, Crabapple, Mulberry, Redbud, and others are graded by head quality.

Certain compact forms of Crabapple, Cherry, Hydrangea, Ninebark, Tree Lilac and others are also graded by head quality.

Heavy select and #1 head grades should be used for landscape installations and quality garden center sales. #1 light head and #2 head grades are lighter and less full, and therefore offered at a lower price. They are an economical choice for growers who line out stock for several years.



Weeping #1 head, 6 ft.

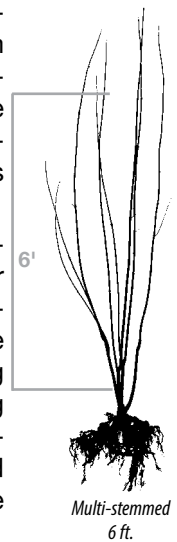
### Multi-Stem, Clump and Singles for Clumping

A variety of trees are grown with multiple stems, and identified herein as "multi-stem" or "clump."

Multi-stem trees are created by stubbing a plant just above ground level and encouraging several stems to grow from that single root. Multi-stem varieties include Maples, Redbud, Crabapples, Serviceberries and more.

Clump forms are offered in our container and Root Pouch® product lines. Clumps are created by arranging several individual young plants within the container. Birch, Aspen and Goldenrain Trees are grown in this manner.

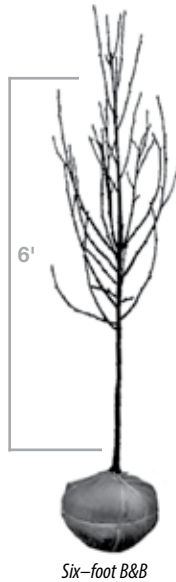
Growers can create their own unique birch clump forms by customizing the number of stems, planting angles and spacing between stems. See Page 23 for details on our "Singles for Clumping" grade.



Multi-stemmed  
6 ft.

## Balled & Burlapped Trees

B&B trees are appropriate for lining out in the field, landscape installation, immediate garden center sales, or containerizing for future sale. Our B&B line complements bare root production by offering balled and burlapped trees of varieties that are difficult to handle bare root. Some varieties are offered B&B as well as bare root so growers can choose the type of liner that works best for them.



## Containerized Trees

Our containerized trees are a much different product than traditional "container-grown" trees that are propagated in containers and grown to larger size by shifting up to a larger container size as the plant matures. By "containerized," we mean that most of our deciduous trees are field grown to nearly finished size, harvested bare root, and then established in containers to make them available for year-round sales. Containerized in a bark medium in early spring, trees receive intensive care throughout the growing season that includes careful pruning, fertilization, weed control and optimal irrigation.

During their years in the field, special cultural techniques including pruning, transplanting and undercutting help to tailor trees for finishing in containers. Unlike many "container-grown" trees, our field-grown, containerized trees have strong, straight trunks with heavy caliper in relation to height. Generously graded by height and caliper as well as container size, our trees are generally larger than those sold by container or box size alone. They possess balanced, well-developed root systems that quickly establish themselves first in the container, and then in the landscape. A portion of our B&B crop is also containerized in order to make our conifers, Japanese maples and other species available throughout the year.



Our garden center and landscape trees are offered in plastic pots that range in size from #5 to #25. Our largest container trees grow in 28" and 32" plastic-lined wire baskets, measured by the diameter across the top.

## Low Branched Trees

Several columnar cultivars are grown as low-branched forms that complement those of standard branching heights. Branching at 18" or less, they can stand alone as landscape exclamation points or form picturesque allées when planted in straight or curving rows. Planted close together, they form tall, low maintenance hedges that deliver privacy and block unwanted views. As hedgerows, they deflect cold winter winds, provide shelter for wildlife, and create effective sound barriers that muffle traffic noise. See Red Maple, Hornbeam, Hackberry, Crabapple and Hybrid Flowering Pear listings for low branched options.



## Root Bags

Field-grown trees in root bags have better survival rates and more vigorous first season growth than bare root plants of the same varieties. Inside the bag, roots penetrate the fabric but are constricted, causing a proliferation of roots with high carbohydrate reserves.

Small ball sizes make them easier to handle and lighter to ship than B&B products. Although the cost is higher than that of a bare root tree of the same grade, the advantages of speedier growth and quicker establishment after transplanting make them a good value.

What's good for tree roots is also good for the environment. Our fabric containers, whether destined for above ground or in ground production, are made from 100% recycled materials, a mix of natural fibers and resins made from recycled plastic water bottles. Root Pouch representatives tell us that our nursery's use of their products since 2012 has helped to divert more than 1.5 million water bottles from our country's landfills.



An inside look at the root development in our field-grown root bags

# Vigor LINER®

Our VigorLiner® product line is primarily composed of deciduous trees that are difficult to produce and transplant via bare root methods. Some varieties that are traditionally produced bare root are also offered as VigorLiner® trees so growers can choose the best option for their production process.

Depending on their needs, trees are established in Root Pouch® fabric containers or in our specially designed air-pruning containers. The latter feature evenly spaced, vertical slots that eliminate circling roots and produce fibrous root systems. Improved air circulation and drainage reduce incidence of root disease.

Root Pouch® fabric containers retain moisture more readily than the slot-style containers while offering the same advantages of root pruning and prevention of circling roots. These brown fabric bags are an above-ground version of the Root Pouch® fabric bags that we use in our fields with great success. Distinctive for their ground-hugging shape that reduces the incidence of toppling over in the wind, they feature stout fabric handles that make them easy to manage in the nursery, garden center, or in the fields at planting time.

Air-pruned, branched, white root tips found in both types of containers are visible evidence of the healthy, vigorous root systems we produce in our VigorLiner® program.

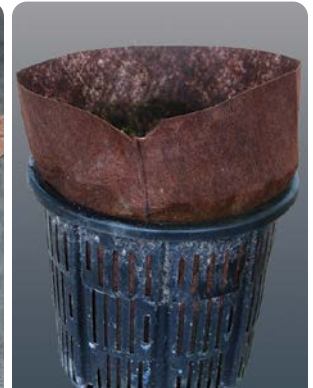
Specimen tree growers find our VigorLiner® trees to be excellent field liners. Container growers praise them as ideal for shifting up into larger containers. While they may be planted year-round, growers in milder climates find VigorLiner® trees to be tailor-made for fall planting. This practice encourages root establishment in the fall and winter that will support vigorous spring growth.



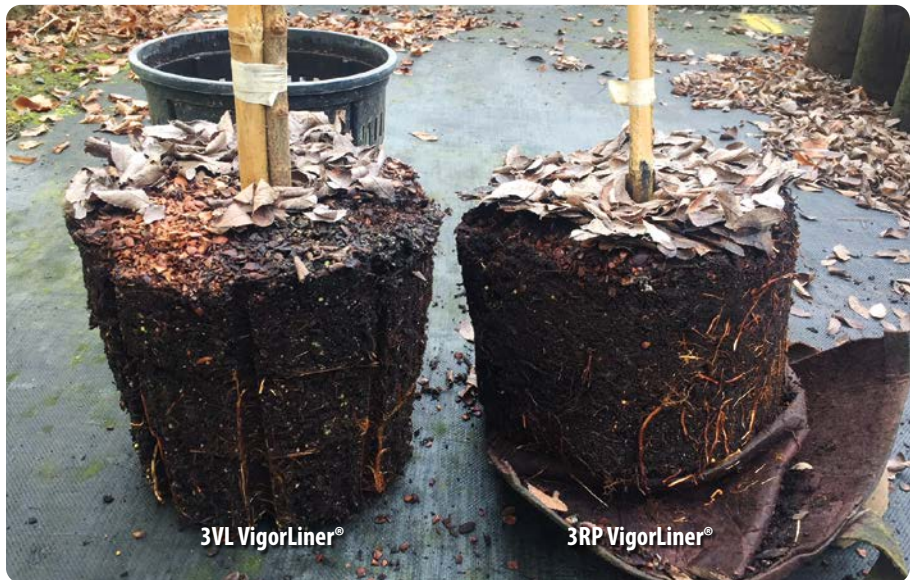
3VL VigorLiner® Container



3RP VigorLiner® bag



3RS VigorLiner® Container



3VL VigorLiner®

3RP VigorLiner®



3RS VigorLiner® root system - Streetspire® Oak



3VL VigorLiner® Ginkgo trees

We have combined the best of both worlds for some trees in our VigorLiner® program, our new root sleeve VigorLiners. We have taken our slotted pots and lined them with fabric sleeves. Our oak line in particular is thriving in this new production method! Look for them throughout the catalog with the designation 3RS VigorLiner®.

## Grow Straight®

### Plant Growth Control Stake

The Schmidt Grow Straight® stake is used by growers internationally with renowned success. It is a metal device scientifically designed to eliminate “dog-legs” 100%.

In addition to growing straight trees, the Grow Straight® stake also provides other advantages. It will:

Protect the shoots against wind, storms, animals and other dangers.

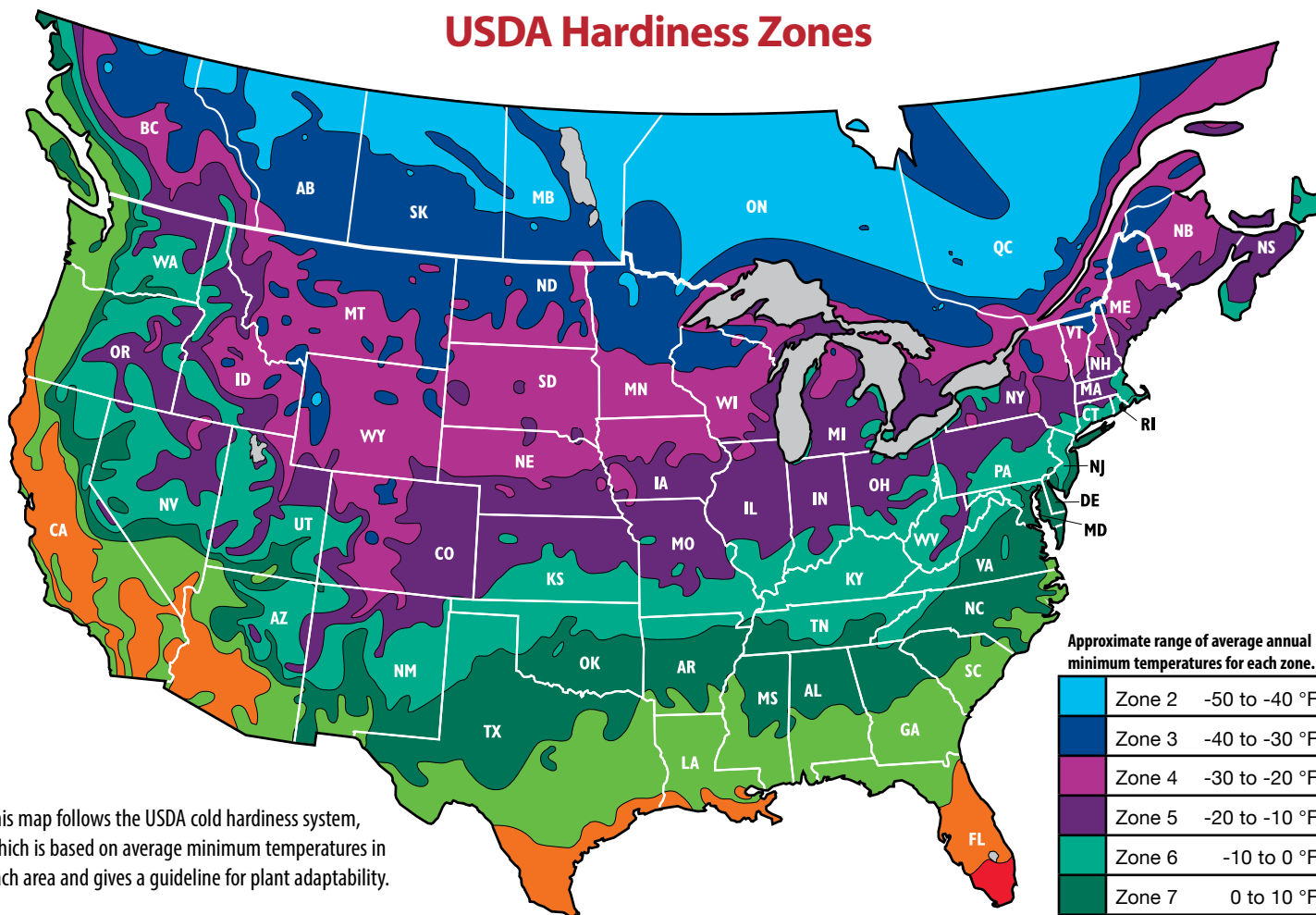
Provide a stronger union.

Eliminate the need for training stakes in many cases.

Please contact us for pricing and details on purchasing.



## USDA Hardiness Zones



Approximate range of average annual minimum temperatures for each zone.

Zone 2	-50 to -40 °F
Zone 3	-40 to -30 °F
Zone 4	-30 to -20 °F
Zone 5	-20 to -10 °F
Zone 6	-10 to 0 °F
Zone 7	0 to 10 °F
Zone 8	10 to 20 °F
Zone 9	20 to 30 °F
Zone 10	30 to 40 °F

This map follows the USDA cold hardiness system, which is based on average minimum temperatures in each area and gives a guideline for plant adaptability.

Plant material in our catalog is rated with a USDA zone number, which is correct to the best of our knowledge. Zones can be divided further into “a” or “b”. When used, “a” refers to the colder half of the zone and “b” to the warmer half.

For example, Zone 4a indicates temperatures of -25 to -30 °F. However, we cannot be responsible for hardiness since growing conditions, site selection and unusual winter weather will affect winter survival.

## Find us online at [jfschmidt.com](http://jfschmidt.com)

Since 1995, [www.jfschmidt.com](http://www.jfschmidt.com) has been a trusted, online database for tree information. Dedicated to quality and efficiency, we employ innovative methods and technology as we strive to continuously improve our systems and our products. Mobile-friendly, the website includes a searchable database rich with information and photos of the trees we grow and a retailer locator so consumers can easily connect with JFS customer nurseries that carry our trees. You will find our current availability, quick links to our regional sales representatives and Oregon-based staff, informative videos, our blog, downloadable catalog, retail signage, tree fact sheets, and so much more.



## Pre-pricing service for container trees

Simplify! Save time and labor by using our product pre-pricing service for container trees. For \$.60 per item, your plants will be shipped with pre-hung waterproof retail strip tags that include your nursery name and retail price, corresponding barcode, Latin and common names and container and plant size.

We will email a copy of your order accompanied by our Pre-Pricing Worksheet. The worksheet will include a fillable column for pricing items on your order, however, we highly recommend offering retails for ALL items on the worksheet or providing a formula to calculate your retail pricing. Formula calculation helps simplify and expedite the process of adding retails and assures order additions at any time will arrive to you pre-priced.



The deadline for submitting retail pricing is **MARCH 15<sup>th</sup>**.

# Tree Locator<sup>SM</sup>

TreeLocator<sup>SM</sup> is among the many ways we help our customers market their trees. It's designed to build relationships between our customers and tree specifiers including landscape architects, designers, urban foresters and landscape contractors.

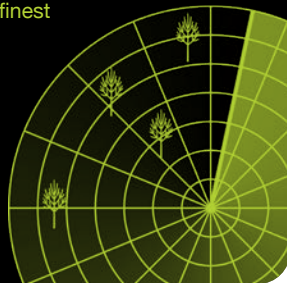
### Tree specifiers:

Can't find a local source for trees described in our catalog and reference guide? We invite you to call or fax our Oregon office with your "want list" of the trees we grow. We'll match your needs with growers in your area who have purchased our liners for growing on to finished size. We'll provide their names so you can call them directly for availability. We're sure you'll find TreeLocator<sup>SM</sup> to be a useful tool for finding the finest trees.

### Growers:

TreeLocator<sup>SM</sup> helps to bridge the gap between the demand for some of our newer cultivars and unusual varieties, and local availability. When you purchase our liners for planting and growing on to landscape size, your company name and purchase history is entered into our TreeLocator<sup>SM</sup> database. This is shared with specifiers who call us in search of the finest trees. It's working - ask your Schmidt sales representative for examples of tree sales that occurred for our customers, thanks to referrals from TreeLocator<sup>SM</sup>.

Request a TreeLocator<sup>SM</sup> query, customized just for you, by calling 1-800-825-8202 or filling out the form at [www.treelocator.info](http://www.treelocator.info)



# UTILITREES<sup>TM</sup>

Trees worthy of our UtiliTrees<sup>TM</sup> designation are those best suited for planting in the restricted zone between street and sidewalk and beneath utility lines. Their short stature at maturity makes them less likely to tangle with overhead lines.

Pedestrian-friendly branching is compact or vase-shaped to allow

for pruning without destroying the shape of the tree. These disease and pest-resistant cultivars require minimal maintenance and are tolerant of varied soils, climates and urban growing conditions.

Landscape architects, urban foresters, utility company arborists and other tree specifiers are invited to use our TreeLocator<sup>SM</sup> service to find these trees in their region, grown to landscape size by our customers.



Visit [www.utilitrees.com](http://www.utilitrees.com) to download a PDF that contains all of our UtiliTrees<sup>TM</sup> selections.

Our UtiliTrees<sup>TM</sup> selections are identified throughout the catalog with this icon.



## Color Your Walls!

Our colorful posters are great sales tools. Inspire your customers to buy trees by displaying these informative posters in your garden center, nursery office, landscape distribution center, design studio, classroom or botanical garden.

Each of the five posters features 22 of our finest trees – a mix of new and tried-and-true species and cultivars. They're grouped into five categories: Spectacular Shade Trees, Oaks & Elms, Majestic Maples, Crabapples & Dogwoods, and Fantastic Flowering Trees. Perfect for framing, they're designed to fit into standard 24" x 36" poster frames.

Poster sets are distributed free of charge at green industry events and delivered to customers by our sales representatives. Green industry professionals may request a set by calling our office or emailing talk-to-us@jfschmidt.com.



## Custom Picture Tags

Big, bright, beautiful picture tags are sure to increase your tree sales. Each custom tag features an eye-catching photograph, a detailed description of the tree, and a Tree Form drawing that portrays size and shape at maturity. On the reverse, you'll find a second photograph, planting instructions, and space for you to customize the tag with your nursery name, retail price or other information. Custom picture tags are provided on container material sized from #5 – #25. They are also available for purchase at \$.50 each to accompany your bare root, B & B, root bag, Root Pouch® or VigorLiner® order.

## Rack Cards

Our full-color rack cards are designed to help garden centers and retailers showcase and sell trees more effectively. Sized to fit standard brochure holders, each card features vibrant photography, easy-to-read icons for height, spread, and hardiness, plus a QR code linking to detailed online information and additional images. Durable, informative, and visually engaging, these rack cards are an effective tool for educating customers, supporting sales staff, and promoting trees in retail displays, trade shows, and customer consultations.



Order your supply today at:  
<https://www.jfschmidt.com/rack-cards>

## Trunk Wraps

Twelve of our most popular containerized trees in #5 to #15 sizes are shipped with colorful trunk wraps that illustrate seasonal features, mature form and planting instructions. These unique point-of-purchase aids are sure to inspire garden center shoppers to buy. Also available to bare root and B&B customers for \$1.50 each, we currently offer trunk wraps for these cultivars: Red Sentinel®, Redpointe®, Armstrong Gold®, Flashfire®, Crimson Sunset® and Urban Sunset® Maples, June Snow™ Dogwood, Espresso™ Kentucky Coffee Tree, Emerald City® Tulip Tree, Royal Raindrops® and Sparkling Sprite® Crabapples, and Pink Flair® Cherry.



**ORDERS:**

New customers must submit a customer information form and credit application (if credit is requested). Orders must make minimum dollar requirements listed on page 4 and are subject to acceptance by our credit department before being acknowledged. J. Frank Schmidt & Son Co. may choose to cancel items off orders should stock be damaged or destroyed through causes beyond our control or unforeseen adjustment in inventory. Customers will be notified of any changes to their orders.

**PRICES:**

Prices are quoted in US Dollars, and replace all previous prices offered by J. Frank Schmidt & Son Co. Prices do not include freight costs or royalties. (additional fees may apply outside of the U.S.)

**CANCELLATIONS:**

Order cancellations must be received prior to these deadlines:

**Bare Root, B&B and Root Bag Material  
December 1<sup>st</sup>**

The following restocking fees apply to orders cancelled after December 15<sup>th</sup>:  
December 15<sup>th</sup>-January 31<sup>st</sup> - 10%  
February 1<sup>st</sup> - March 15<sup>th</sup> - 15%  
Beyond March 15<sup>th</sup> - 20%

**B&B orders dug and cancelled after  
May 1<sup>st</sup> will be billed at 100%.**

\*Cancellations after March 15<sup>th</sup> will drop next year's order into the 2<sup>nd</sup> round of allocations.

**Container and VigorLiner®  
April 1<sup>st</sup>**

Orders will be released to open availability April 15<sup>th</sup> if shipping dates have not been confirmed.

A 10% restocking fee will apply to cancellations made after May 1<sup>st</sup>.

\*Please keep in mind that late cancellations may jeopardize future fill rates and unpaid restocking fees will forfeit next year's order.

**SHIPPING:****DOMESTIC & CANADIAN:**

Prices for trees are FOB freight collect J. Frank Schmidt & Son Co. All shipments travel at the risk and cost of the purchaser. Our responsibility ceases and title is transferred on delivery to the common carrier. In the unlikely event damage or loss may occur, we stand ready assist you with claims against the carrier.

Freight is billed separately by either JFS or the carrier and is due within 10 days of invoice date as required under federal ICC regulations. Failure to make prompt payment of freight bills may jeopardize the scheduling of future shipments, and/or placement of future orders with J. Frank Schmidt & Son Co.

J. Frank Schmidt & Son Co. strongly recommends refrigerated transportation for all plant material. In the event that the purchaser chooses to use unrefrigerated transportation or over the rail, the purchaser agrees to indemnify and hold harmless J. Frank Schmidt & Son Co. and the carrier(s) for all losses or liabilities.

*Shipments requiring phytosanitary and/or fumigation:*

Direct expenses incurred for phytosanitary certificates and fumigation of trees as required for shipment will be passed on to the Purchaser.

**INTERNATIONAL:**

Prices are F.C.A. J. Frank Schmidt & Son Co. All transportation arrangements, costs and risks are the responsibility of the purchaser. Our responsibility ceases on delivery to carrier. Direct expenses incurred for phytosanitary certificates and fumigation of trees as required for shipment to international destinations will be passed on to the Purchaser.

**SHIPPING TIMEFRAMES:****Bare Root, B&B, and Root Bag****shipping season:**

January 1<sup>st</sup> - May 31<sup>st</sup>

**B&B material shipped after May 15<sup>th</sup>**

is subject to a 12% maintenance fee.

**Claims for bare root trees shipped  
after May 1<sup>st</sup> may not be**

considered under full plant guarantee.

**Container and VigorLiner® shipping season:**

Orders for current catalog year crop must ship before June 30<sup>th</sup>.

**SHIPPING MAINTENANCE FEE:**

Orders left on the dock requiring re-store or untying/re-tying will incur a 15% maintenance fee.

**TERMS:**

Payment terms for approved open credit accounts are NET 30 days from invoice date.

Open credit account agreements incorporate all terms and conditions contained herein, on our invoices and any other referenced documents, supplements or amendments.

Terms and Conditions of sale include: The Catalog, invoices, bills of lading, letters of agreement, credit applications and all information supplied by the customer. All are components of this sale contract.

A service charge of 1½% per month (18% per annum) will be assessed on all overdue accounts.

All customers must provide JFS with a valid resale certificate, in the event you are unable to provide a valid resale certificate JFS reserves the right to cancel your order and/or charge you the appropriate sales tax for the state that the product is delivered to.

For new orders with an immediate ship date, we offer the convenience of using your Visa®, MasterCard®, Discover®, or Online ACH Payment. Customers will be charged the appropriate credit card fees associated with the transaction.

Any change in Customer Ownership will require a new Credit Application.

Download a Credit Application from our website by navigating to Resources>Order Form: [www.jfschmidt.com](http://www.jfschmidt.com).

J. Frank Schmidt & Son Co. holds a security interest in all nursery stock sold and may require such documents as needed to perfect such interest.

Where applicable, J. Frank Schmidt & Son Co. may request information required to send lien or bond claim notices as required by state and/or federal law to preserve its rights to file a lien or bond claim.

Deposits for international orders are non-refundable.

**PLANT GUARANTEE:**

J. Frank Schmidt & Son Co. expressly warrants that all trees purchased are true to name and in good, healthy condition when they leave the nursery and holds itself in readiness, on proper proof, to replace all such nursery stock that may prove otherwise. J. Frank Schmidt & Son Co. expressly disclaims any other warranty, expressed or implied, as to productiveness or growth, as to results secured in transplanting, or any other consequential damages. This warranty is not transferable and is void if payment of the contracted price for all nursery stock shipped is not made in full when due. THIS WARRANTY IS IN LIEU OF ALL OTHER WRITTEN OR ORAL, EXPRESSED OR IMPLIED WARRANTIES. J. FRANK SCHMIDT & SON CO HEREBY EXPRESSLY DISCLAIMS ANY SUCH WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

**CLAIMS:**

Claims for any tree death found upon arrival of nursery stock must be submitted within 10 days after delivery to be considered for credit. Questionable trees for claim must be evaluated in-person with your Outside Sales Representative. Evaluations and other general claims will be submitted to JFS then reviewed in September at which time appropriate credits will be considered. Bare Root, Ball & Burlap and Root Bag claims will not be accepted for credit if submitted after October 15<sup>th</sup>. We shall in no case be liable for any sum greater than the amount originally received for said nursery stock. Product claims stemming from damage incurred during transportation should be made with the transportation company.

**PLANT PATENTS:**

All Nursery Stock bearing plant patent identification numbers have been produced under license from the patent owners. Propagation or reproduction of these varieties without permission of the plant owner is in violation of plant patent law.

**DISPUTES:**

In the event a dispute arises as to the enforcement of any of the terms or provisions of this agreement, J. Frank Schmidt & Son Co. will be entitled to all costs incurred including, but not limited to attorney fees, whether or not any legal proceeding is initiated. In any action to enforce this agreement, the prevailing party shall be entitled to recover its costs, disbursements, and attorney fees in connection with such action and any appeal or review. Should it become necessary to file suit to enforce this agreement, such suit shall be brought in the County of Clackamas, State of Oregon.

## Discount Schedule

Our product lines are sold under these three discount schedules which are designed to maximize your volume discount opportunities. While calculated separately, purchases under each product line schedule accumulate throughout the sales year (July 1 – June 30) extending discounts on your orders to the highest possible levels.

*The earned dollar volume is re-calculated per shipment and includes any remaining products on order. Discounts are given per the dollar volume at the time of shipment and are not retroactive.*

Royalties owed to patent and trademark owners are stated throughout the catalog, beneath the name of each plant to which they apply. Royalties are *in addition* to the price of the plant.

Designated separately on your invoice, royalties are collected by us and paid to the owner of the rights.

### Bare Root, B&B, Root Bag and VigorLiner® Discount Schedule

Dollar Volume	Discount
\$7,500 - \$14,999	4%
\$15,000 - \$22,499	6%
\$22,500 - \$29,999	8%
\$30,000 - \$37,499	9%
\$37,500 - \$52,499	10%
\$52,500 - \$74,999	12%
\$75,000 - \$112,499	15%
\$112,500 - \$149,999	17%
\$150,000 - \$262,499	20%
\$262,500 - \$374,999	22%
\$375,000 and up	25%

### Container Discount Schedule

Dollar Volume	Discount
\$4,800 - \$7,999	2%
\$8,000 - \$15,999	3%
\$16,000 - \$23,999	4%
\$24,000 - \$31,999	5%
\$32,000 - \$39,999	6%
\$40,000 - \$47,999	7%
\$48,000 - \$55,999	8%
\$56,000 - \$63,999	9%
\$64,000 - \$79,999	10%
\$80,000 - \$95,999	11%
\$96,000 - \$111,999	12%
\$112,000 - \$135,999	13%
\$136,000 - \$159,999	14%
\$160,000 and up	15%

### Specimen Tree (NWST) Discount Schedule

Dollar Volume	Discount
\$5,000-\$19,999	5%
\$20,000-\$49,999	10%
\$50,000-\$99,999	15%
\$100,000 and up	20%

## Prepayment Discount Rebate

Open credit accounts may earn a 4% (APR) prepayment discount between the prepayment date and invoice date. The percentage is reviewed annually for adjustment to ongoing rates. The rebate is credited to your account once all shipments are completed.

<i>Acer</i> (Maple)..... 5	<b>Crabapple</b> – <i>Malus</i> ..... 50	<i>Oxydendrum</i> (Sourwood) ..... 59
<i>buergerianum</i> (Trident)..... 5	<i>Crataegus</i> (Hawthorn) ..... 37	<i>Parrotia</i> ..... 59
<i>campestre</i> (Hedge)..... 5	<b>Dawn Redwood</b> – <i>Metasequoia</i> ..... 57	<b>Pear, Flowering</b> – <i>Pyrus</i> ..... 67
<i>circinatum</i> (Vine)..... 6	<b>Dogwood</b> – <i>Cornus</i> ..... 33	<b>Pear, Flowering Hybrid</b> – <i>Pyrus</i> ..... 67
<i>freemanii</i> ..... 6	<b>Elm</b> – <i>Ulmus</i> ..... 79	<i>Phellodendron</i> (Cork Tree)..... 59
<i>ginnala</i> (Amur)..... 7	<i>Eucommia</i> (Hardy Rubber Tree) ..... 38	<i>Picea</i> (Spruce)..... 60
<i>glabrum</i> (Rocky Mountain)..... 7	<i>Fagus</i> (Beech)..... 39	<i>Pinus</i> (Pine)..... 61
<i>grandidentatum</i> (Bigtooth)..... 8	<b>Filbert</b> – <i>Corylus</i> ..... 37	<i>Pistache</i> ..... 61
<i>griseum</i> (Paperbark)..... 9	<b>Fringe Tree</b> – <i>Chionanthus</i> ..... 31	<i>Platanus</i> (Planetree)..... 62
<i>henryi</i> (Henry)..... 9	<i>Ginkgo</i> (Maidenhair Tree)..... 40	<b>Plum, Purple Leaf</b> – <i>Prunus</i> ..... 66
<i>japonicum</i> (Fullmoon)..... 9	<i>Gleditsia</i> (Honeylocust)..... 41	<b>Pond Cypress</b> – <i>Taxodium</i> ..... 76
<i>miyabei</i> (Miyabe)..... 10	<b>Goldenrain Tree</b> – <i>Koelreuteria</i> ..... 46	<i>Populus</i> (Aspen, Cottonwood, Poplar)..... 62
<i>negundo</i> (Box Elder) ..... 10	<i>Gymnocladus</i> (Kentucky Coffee Tree)..... 43	<b>Poplar</b> – <i>Populus</i> ..... 63
<i>nigrum</i> (Black)..... 10	<b>Hackberry</b> – <i>Celtis</i> ..... 27	<i>Prunus</i> (Cherry, Japanese) ..... 64
<i>palmatum</i> (Japanese)..... 10	<i>Halesia</i> (Silverbell) ..... 43	<i>Prunus</i> (Chokecherry)..... 63
<i>platanooides</i> (Norway) ..... 12	<i>Hamamelis</i> (Witch Hazel)..... 44	<i>Prunus</i> (Plum, Purple Leaf)..... 66
<i>pseudosieboldianum</i> (Korean) ..... 14	<b>Hardy Rubber Tree</b> – <i>Eucommia</i> ..... 38	<i>Pyrus</i> (Pear, Flowering)..... 67
<i>rubrum</i> (Red)..... 14	<b>Hawthorn</b> – <i>Crataegus</i> ..... 37	<i>Quercus</i> (Oak)..... 68
<i>saccharinum</i> (Silver)..... 16	<i>Heptacodium</i> (Seven-son Flower)..... 44	<b>Redbud</b> – <i>Cercis</i> ..... 28
<i>saccharum</i> (Sugar)..... 17	<i>Hibiscus</i> (Rose of Sharon)..... 44	<i>Robinia</i> (Locust)..... 73
<i>shirasawanum</i> (Full Moon) ..... 19	<b>Hinoki Cypress</b> – <i>Chamaecyparis</i> ..... 31	<b>Rose of Sharon</b> – <i>Hibiscus</i> ..... 44
<i>tataricum</i> (Tatarian)..... 19	<b>Honeylocust</b> – <i>Gleditsia</i> ..... 41	<i>Salix</i> (Willow)..... 73
<i>truncatum</i> (Shantung) ..... 20	<b>Hornbeam</b> – <i>Ostrya</i> ..... 58	<i>Sassafras</i> ..... 74
<i>Aesculus</i> (Buckeye, Horsechestnut)..... 21	<b>Hornbeam</b> – <i>Carpinus</i> ..... 24	<i>Sciadopitys</i> (Japanese Umbrella Pine)..... 74
<b>Alaskan Cedar</b> – <i>Chamaecyparis</i> ..... 31	<b>Horsechestnut</b> – <i>Aesculus</i> ..... 21	<b>Serviceberry</b> – <i>Amelanchier</i> ..... 22
<i>Alnus</i> (Alder) ..... 21	<i>Hydrangea</i> ..... 45	<b>Seven-son Flower</b> – <i>Heptacodium</i> ..... 44
<i>Amelanchier</i> (Serviceberry) ..... 22	<b>Japanese Pagoda Tree</b> – <i>Styphnolobium</i> ..... 74	<b>Silverbell</b> – <i>Halesia</i> ..... 43
<b>Aspen</b> – <i>Populus</i> ..... 62	<b>Japanese Umbrella Pine</b> – <i>Sciadopitys</i> ..... 74	<b>Snowbell</b> – <i>Styrax</i> ..... 75
<b>Bald Cypress</b> – <i>Taxodium</i> ..... 76	<b>Juniper</b> – <i>Juniperus</i> ..... 45	<i>Sorbus</i> (Mountain Ash)..... 74
<b>Beech</b> – <i>Fagus</i> ..... 39	<b>Katsura Tree</b> – <i>Cercidiphyllum</i> ..... 28	<b>Sourwood</b> – <i>Oxydendrum</i> ..... 59
<i>Betula</i> (Birch) ..... 23	<b>Kentucky Coffee Tree</b> – <i>Gymnocladus</i> ..... 43	<b>Spruce</b> – <i>Picea</i> ..... 60
<b>Blue Atlas Cedar</b> – <i>Cedrus</i> ..... 27	<i>Koelreuteria</i> (Goldenrain Tree)..... 46	<i>Stewartia</i> ..... 74
<b>Buckeye</b> – <i>Aesculus</i> ..... 21	<b>Lilac</b> – <i>Syringa</i> ..... 76	<i>Styphnolobium</i> (Japanese Pagoda Tree) ..... 74
<i>Carpinus</i> (Hornbeam) ..... 24	<b>Linden</b> – <i>Tilia</i> ..... 77	<i>Styrax</i> (Snowbell)..... 75
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<i>Cedrus</i> (Blue Atlas Cedar)..... 27	<i>Liriodendron</i> (Tulip Tree)..... 47	<i>Syringa</i> (Lilac) ..... 76
<i>Celtis</i> (Hackberry)..... 27	<b>Locust</b> – <i>Robinia</i> ..... 73	<i>Taxodium</i> (Bald & Pond Cypress)..... 76
<i>Cercidiphyllum</i> (Katsura Tree)..... 28	<i>Maackia</i> ..... 47	<i>Tilia</i> (Linden) ..... 77
<i>Cercis</i> (Redbud)..... 28	<i>Maclura</i> (Osage Orange) ..... 48	<b>Tulip Tree</b> – <i>Liriodendron</i> ..... 47
<i>Chamaecyparis</i> (Alaskan Cedar, Hinoki Cypress) ... 31	<i>Magnolia</i> ..... 48	<b>Tupelo</b> – <i>Nyssa</i> ..... 57
<b>Cherry, Japanese</b> – <i>Prunus</i> ..... 64	<b>Maidenhair Tree</b> – <i>Ginkgo</i> ..... 40	<b>Turkish Hazel</b> – <i>Corylus</i> ..... 37
<i>Chionanthus</i> (Fringe Tree)..... 31	<i>Malus</i> (Crabapple) ..... 50	<i>Ulmus</i> (Elm) ..... 79
<i>Chitalpa</i> ..... 32	<b>Maple</b> – <i>Acer</i> ..... 5	<b>Willow</b> – <i>Salix</i> ..... 73
<b>Chokecherry</b> – <i>Prunus</i> ..... 63	<i>Metasequoia</i> (Dawn Redwood) ..... 57	<b>Witch Hazel</b> – <i>Hamamelis</i> ..... 44
<i>Cladrastis</i> (Yellowwood) ..... 32	<b>Mountain Ash</b> – <i>Sorbus</i> ..... 74	<b>Yellowwood</b> – <i>Cladrastis</i> ..... 32
<b>Cork Tree</b> – <i>Phellodendron</i> ..... 59	<i>Nyssa</i> (Tupelo) ..... 57	<i>Zelkova</i> ..... 82
<i>Cornus</i> (Cornelian Cherry)..... 32	<b>Oak</b> – <i>Quercus</i> ..... 68	
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Prices published herein are based on present market conditions and are subject to change without notice. All reasonable precaution has been taken to ensure their accuracy. However, we will not honor pricing errors and reserve the right to refuse or cancel any orders placed for any product listed at the incorrect price.

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# VISIT US!



We invite you to see for yourself what sets our nursery apart from the others. We are proud of the wide range of high quality trees that we grow, and would like to show them to you. A personalized tour of our fields will help us to serve your plant needs better than ever.

The J. Frank Schmidt, Jr. Arboretum is always available for customer use and enjoyment. Established in the 1980's, it showcases over 400 species and varieties of deciduous trees, plus numerous shrubs and conifers. The show of flower, fruit, foliage and form changes daily throughout the year. The Schmidt family and staff welcome your visit. We encourage you to bring your camera and enjoy.

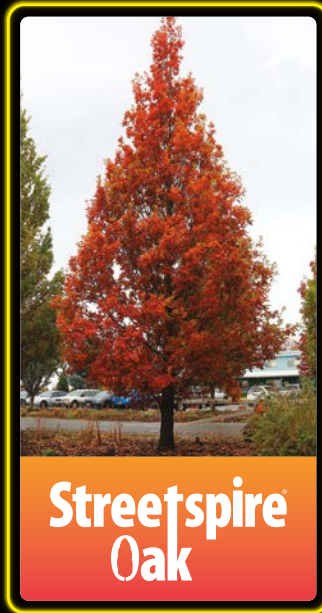


## OUR MISSION

**Innovation and integrity guide our commitment to grow exceptional trees while providing outstanding service and support to our customers and the horticultural community.**

**Our team accomplishes this mission by leveraging decades of institutional knowledge and green industry partnerships while pursuing continuous improvement in all endeavors.**

**Our family-run company fosters an environment of fairness, respect and mutual success where our team can thrive as we lead the way in producing trees for a greener, healthier world.**



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# TREES ARE THE ANSWER

On the front cover, clockwise from top left:  
 Cloudburst™ Dogwood, Skinny Genes® Oak, Nightfall® Snowbell, Symatree® Maple, Redpointe® Maple and Coral Spear® Crabapple.

