Bare Root | Container
B & B | Root Bags
Shade, Flowering, Ornamental,
Conifer, and Fruit Trees

2021-2022
Price Guide
Priceless

Trees are the Answer
New for 2021-2022

“What’s new?” is probably the most frequently asked of the Frequently Asked Questions (FAQ) of the nursery world. It’s a question asked by landscape architects, designers, city foresters, contractors and other tree buyers. It’s a question that should be followed by, “is it just new, or is it BETTER than what’s currently available?” BETTER is always our goal, and our purpose for offering these new-to-the-market as well as new-to-us trees for 2021-22.

*Look for this season’s new trees in our bare root product line.*

**New introductions from J. Frank Schmidt & Son Co.**

**Acer saccharinum ‘JFS H1’**
**Symatree™ Maple**

Zone: 3
Height: 30’
Spread: 20’

A standout seedling, grown from seed collected from a witch’s broom, was selected by Dr. William Hoch of the University of Wisconsin for its uniquely compact growth habit and excellent branch structure that forms a remarkably symmetrical, upright oval tree. Neither flowers nor seeds have been observed during 20 years of observation.

**Ulmus chenmoui ‘JAB Morton’**
**Summer Elixir™ Elm**

Zone: 5
Height: 35’
Spread: 30’

Vase-shaped in youth, this relatively small and compact elm develops a rounded shape with age. New growth may be flushed with pink or red before maturing to green. Selected by nurseryman/arborist Jim Barborinas as the best of *Ulmus chenmoui* seedlings shared by Dr. George Ware of Morton Arboretum.

**Styrax japonicus ‘JFS 6SJ’**
**Nightfall™ Snowbell**

Zone: 5
Height: 8’
Spread: 6’

A cascade of dark purple leaves tumble from the branches of this elegant weeping tree. The dense, dark, refined foliage sets a lush, high-contrast backdrop for white buds of late spring that open to creamy white, bell-shaped flowers. Bare branches etch a graceful waterfall in the winter landscape.

**Zelkova serrata ‘JFS KW4ZS’**
**Zileration™ Zelkova**

Zone: 5
Height: 30’
Spread: 25’

Selected for its unusually compact structure and intermediate size, this upright, vase-shaped tree is a better fit for many landscape settings than typically larger cultivars of the species. Clean, dark green summer foliage, symmetrical branching and a dense canopy make it a standout among Zelkova cultivars.

**More new offerings**

**Amelanchier alnifolia ‘Obelisk’**
**Standing Ovation™ Serviceberry**

Page 21

**Cercidiphyllum japonicum ‘Biringer’**
**Hanna’s Heart™ Katsura Tree**

Page 28

**Corylus avellana ‘Burgundy Lace’**
**Burgundy Lace European Filbert**

Page 34
Dear Friends,

J. Frank Schmidt & Son Co. is thrilled to announce and celebrate our 75th Anniversary. The Schmidt family and everyone at the nursery thank you for your many years of patronage and support. Your faith in our trees and your determination to keep planting and growing for the future are key to our success.

The past year has brought its share of challenges and opportunities that none of us could have imagined or prepared for. From the pandemic to wildfires and ice storms, extraordinary challenges have tested our sanity and health as well as our patience, creativity and resilience. It is truly through the unwavering support and commitment of our staff that we have prevailed and are able to provide our customers with the highest quality trees and service in the industry.

The year made us reflect on what is most important to us as an organization. It is without doubt the health and well-being of our employees and the health and success of our customers. Dedication to our core values of teamwork, problem solving, trustworthiness, partnership, and environmental stewardship has made these difficult times easier to handle.

Exciting things are happening at J. Frank Schmidt! For the first time in 75 years we have created a long-range strategic plan for the organization. It focuses on who we are and what we stand for, as outlined in our updated mission statement. Seven additions to our product line include two remarkable trees from our breeding and selection program and two exciting co-introductions. We are also expanding our conifer and VigorLiner® offerings and increasing both our container and bareroot product lines to provide you with the varieties, quantities and sizes that you desire. Providing you with the highest quality products is always our first priority.

Frank and Jan continue to be an integral part of the nursery while enjoying their retirement. Frank provides support and direction on the production/operational side of the business, while Jan keeps very busy with the Frank & Evelyn Schmidt Family Foundation. As the second Schmidt generation retires, we see more involvement from the third generation: Sam Barkley, Gordy Webster and John Schmidt provide support and direction and are important contributors to the organization. We are also excited to announce the recent addition of two children to the family, which brings the fourth generation total to 12.

We are truly blessed and appreciative of the business that we’ve grown, thanks to our family of employees and customers and the vision of our founders, J. Frank and Evelyn Schmidt. As we look forward to this New Year, we are excited to visit with everyone again and anticipate great times ahead. We will celebrate our Diamond Anniversary on August 19 in the J. Frank Schmidt Jr. Arboretum and hope to see you all there!

Stay safe and healthy.

Best regards,

Ben Rough
Chief Executive Officer

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.
Our leadership cadre blends varied knowledge and complementary skill sets in guiding and supporting our team of nearly 400 employees. The team pictured here has served a collective 335 years at JFS. Together, we tend to the countless details of production, sales, marketing, communications, human resources, finance, shipping and customer service and are pleased to serve you.
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. Our team is positioned to advise you on cultivar choices, planting and cultural techniques. They are prepared to share sales and marketing advice, green industry trends and other information that will help your business succeed and thrive.

### Lance Schamberger
**Forest Grove, Oregon**
Representing:
Oregon, Washington
Idaho, Alaska
British Columbia

503-307-4150
Fax: 503-214-6163
lance@treepeddler.com

### Joan Cartwright
**Vacaville, California**
Representing:
California
Nevada

707-761-4122
Fax: 707-447-2175
joanmcartwright@gmail.com

### Mike Neenan
**Salt Lake City, Utah**
Representing:
Arizona
Utah

707-548-7045
mneenan78@gmail.com

### Doug Danielsen
**Rosemount, Minnesota**
Representing:
Alberta, Iowa, Manitoba,
Minnesota, Montana
Nebraska, North Dakota,
Saskatchewan
South Dakota, Wyoming

612-483-1428
doug Danielsen14@gmail.com

### Dave Dickey
**Denver, Colorado**
Representing:
Colorado
New Mexico
Western Texas

440-315-9671
Fax: 303-477-1964
daved@dwdplantsales.com

### Chris Casebeer
**Pleasanton, Kansas**
Representing:
Arkansas, Kansas
Louisiana, Missouri
Oklahoma, Eastern Texas

913-206-6580
Fax: 913-273-6590
shipptrees@gmail.com

### Roger Purcell
**St. Joseph, Illinois**
Representing:
Illinois
Wisconsin

217-202-0670
Fax: 217-469-7356
purcell.roger@gmail.com

### Jay Kelly
**Gaines, Michigan**
Representing:
Michigan
Ontario
Québec

313-618-5126
Fax: 810-735-8968
jkelley_sales@gmail.com

### Pat Carey
**Goshen, Kentucky**
Representing:
Alabama, Indiana
Kentucky, Mississippi
Western Ohio, Tennessee

502-693-4947
Fax: 502-215-5992
pcareyhortsales@gmail.com

### Tim Parker
**Pinckney, Michigan**
Representing:
Eastern Ohio
Western New York
Western Pennsylvania
West Virginia

734-718-7661
Fax: 810-355-1577
tim@bluewaterhort.com

### Mike Leisher
**Tallassee, Pennsylvania**
Representing:
Connecticut, Maine
Massachusetts
New Hampshire, New Jersey
Eastern New York
Eastern Pennsylvania,
Rhode Island, Vermont

814-397-4472
mike@mikeleisher.com

### Southeast Territory
Representing:
Delaware, Florida, Georgia
Maryland, North Carolina
South Carolina, Virginia

Temporary contact:
Tammy Bowman, *Inside Sales Lead*
503-663-4128 or 1-800-825-8202
tammyb@jfschmidt.com
When newlyweds Evelyn and J. Frank Schmidt Jr. planted their first crop of trees in the fall of 1946, they began growing a family along with a nursery that would become recognized around the world as a leading producer and introducer of urban trees. Today, as we celebrate our Diamond Anniversary, we celebrate their vision, determination, hard work, and their love of trees, family and community. The story of the nursery’s first 75 years and its evolution from 10 acres to nearly 3,000 can be found on our website at https://www.jfschmidt.com/aboutjfs.html

Generational succession planning ensures the success of the family-owned business and its continuity into future generations. A Board of Directors (comprised of six second and third-generation family members and four independent advisors) assists management in sustainably pursuing the family’s principles and long-term objectives of growing the finest trees in the business and delivering exceptional customer service. Together with a dedicated family of employees, we continue to uphold our founders’ vision of growing beautiful trees, growing new ideas, and growing community for generations to come.

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 87. 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.

- $1,000 minimum for trees to be picked up at the nursery.
- $2,500 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.

<table>
<thead>
<tr>
<th>Size</th>
<th>Bare Root Bundled Quantities</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No./Bundle</td>
</tr>
<tr>
<td>2 ft. - 6 ft.</td>
<td>Basic</td>
</tr>
<tr>
<td>1&quot; - 1½&quot;</td>
<td>5</td>
</tr>
<tr>
<td>1½&quot;</td>
<td>3</td>
</tr>
<tr>
<td>1¾&quot; - Up</td>
<td>2</td>
</tr>
<tr>
<td>12&quot; - 10'</td>
<td>10</td>
</tr>
<tr>
<td>12&quot; - 3'</td>
<td>5</td>
</tr>
<tr>
<td>4' - Up</td>
<td>3</td>
</tr>
<tr>
<td>All grades</td>
<td>5</td>
</tr>
</tbody>
</table>

**Bare Root Bundled Quantities**

**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 86. 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. In most cases, 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 86.
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

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 110 cultivars to the trade, including the renowned Red Sunset® Maple in 1966.

Schmidt Introductions

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.jfschmidt.com/introductions
Acer campestre ‘Evelyn’
Queen Elizabeth™ Maple
Royalty $1.35

Limited Quantities

INSECT RESISTANCE: Japanese beetle

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

Acer campestre ‘JFS Schichtel2’
Streetside® Maple
Royalty: $1.75

Insect Resistance: Japanese beetle

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

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

Container
#5 5 foot
#7 6 foot
#10 1" caliper
#15 1½" caliper
#20 1¾" caliper
#25 1¾" caliper
#32 2½" caliper
#15 6 foot, multi-stem

Acer × freemanii ‘DTR 102’
Autumn Fantasy® Maple
Royalty $0.70

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
1½" cal., branched

Discount Opportunities
Please note that container and VigorLiner® orders qualify for different discounts than bare root, B & B, and root bag orders. See page 87 for details.

Acer × freemanii

INSECT RESISTANCE: Japanese beetle

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

Container
#7 multi-stem
#10 multi-stem
#15 6 foot, multi-stem
#25 6 foot, multi-stem

Acer × freemanii

INSECT RESISTANCE: Japanese beetle

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

Acer campestre
Hedge Maple

Insect Resistance: Japanese beetle

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

Acer × freemanii

INSECT RESISTANCE: Japanese beetle

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

Acer × freemanii

INSECT RESISTANCE: Japanese beetle

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

Acer × freemanii

INSECT RESISTANCE: Japanese beetle

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

Acer × freemanii

INSECT RESISTANCE: Japanese beetle

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

Acer × freemanii

INSECT RESISTANCE: Japanese beetle

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

Acer × freemanii

INSECT RESISTANCE: Japanese beetle

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

Acer × freemanii

INSECT RESISTANCE: Japanese beetle

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

Acer × freemanii

INSECT RESISTANCE: Japanese beetle

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

Acer × freemanii

INSECT RESISTANCE: Japanese beetle

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

Acer × freemanii

INSECT RESISTANCE: Japanese beetle

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

Acer × freemanii

INSECT RESISTANCE: Japanese beetle

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

Acer × freemanii

INSECT RESISTANCE: Japanese beetle

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

Acer × freemanii

INSECT RESISTANCE: Japanese beetle

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

Acer × freemanii

INSECT RESISTANCE: Japanese beetle

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

Acer × freemanii

INSECT RESISTANCE: Japanese beetle

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

Discount Opportunities
Please note that container and VigorLiner® orders qualify for different discounts than bare root, B & B, and root bag orders. See page 87 for details.
**Acer ginnala (Amur Maple)**

- **Acer × freemanii 'Celzam'**
  - **Celebration® Maple**
  - **Royalty:** $0.95

- **Acer × freemanii 'Bailston'**
  - **Matador™ Maple – First Editions®**
  - **Royalty:** $1.40

- **Acer × freemanii 'AF#1' PP 15593**
  - **Firefall™ Maple**
  - **Royalty:** $1.25

- **Acer × freemanii 'Marmo'**
  - **Marmo Maple**

- **Acer ginnala 'Flame'**
  - **Flame Maple**

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

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

**Zone:**
- 3b
- 2
- 4

**Height:**
- 50'
- 20'
- 50'

**Spread:**
- 35'
- 20'
- 35'

**Shape:**
- Upright oval
- Upright, oval
- Upright, oval

**Foliage:**
- Medium green, fine texture
- Green
- Medium green

**Fall Color:**
- Orange-red to deep red
- Orange-red to red
- Orange to orange-red

**Fruit:**
- Seedless
- Reported seedless
- Bright red

**Fruit:**
- Bright red samaras

**Container**
- #5 5 foot
- #7 6 foot
- #10 1" caliper
- #15 11½" caliper
- #20 11½" caliper
- #25 1¾" caliper
- #5 multi-stem
- #7 multi-stem
- #10 multi-stem
- #15 6 foot, multi-stem
- #15 6 foot, multi-stem
### 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

**Big Tooth Maple**

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

**Container**
- 3VL VigorLiner®
- 3RP VigorLiner®

---

### Acer grandidentatum × saccharum 'Hipzam' — Highland Park® Maple

**Royalty**: $0.95

- **Zone**: 4
- **Height**: 35’
- **Spread**: 15’
- **Shape**: Pyramidal
- **Foliage**: Dark green
- **Fall Color**: Red

**Bare Root**
- 6 ft., branched
- 1” cal., branched
- 1¼” cal., branched

**Container**
- #15 1¼” caliper

### 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**
- 6 ft., branched
- 1” cal., branched
- 1¼” cal., branched
- 1½” cal., branched

**Container**
- 3RP VigorLiner®
- #7 6 foot
- #10 1” caliper
- #15 1¼” caliper
- #20 1½” caliper
- #25 1¾” caliper
- #25 2” caliper

---

### 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**
- 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**
- #7 6 foot
- #10 1” caliper
- #15 1¼” caliper
- #25 1¾” caliper

---

**MESA GLOW MAPLE**

Glossy dark green leaves withstand the heat, drought and drying winds of Rocky Mountain summers before glowing bright orange to orange-red in autumn.
**Acer griseum (Paperbark Maple)**

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

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

**B & B**  
1¼” caliper  
1½” caliper  
2” caliper  
5 foot, multi-stem  
6 foot, multi-stem  
7 foot, multi-stem  
8 foot, multi-stem

**Container**  
#15 1 ⅛” caliper  
#25 1⅛” caliper

**Acer japonicum (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

**Acer macrophyllum (Bigleaf Maple)**

**Zone:** 6  
**Height:** 60'  
**Spread:** 50'  
**Shape:** Broadly oval to rounded  
**Foliage:** Dark green  
**Fall Color:** Yellow

**Bare Root**  
6 ft., whip  
7 ft., whip  
8 ft., whip  
9 ft., whip

**Acer miyabei**

**Zone:** 4  
**Height:** 55'  
**Spread:** 40'  
**Shape:** Upright oval  
**Foliage:** Dark green  
**Fall Color:** Yellow

**Bare Root**  
4 ft., whip  
5 ft., whip  
6 ft., whip  
6 ft., branched  
1” cal., branched  
1¼” cal., branched
Acer miyabei 'Morton'
State Street® Maple

Zone: 4
Height: 50'
Shape: Upright oval
Foliage: Dark green
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
2" cal., branched

Container
#15 1¼" caliper
#20 1½" caliper

Acer nigrum (Black Maple)

Greencolumn Maple

Zone: 4
Height: 50'
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 (Japanese Maple)

Bloodgood Japanese Maple

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

B & B
6 foot
1" caliper
1¼" caliper
2 foot, multi-stem
3 foot, multi-stem
4 foot, multi-stem
5 foot, multi-stem

Container
#10 4 foot
#20 5 foot
#25 1" caliper
#25 1¼" caliper
#5 multi-stem
#7 multi-stem
#10 multi-stem
#20 3 foot, multi-stem
#25 6 foot, multi-stem

Sensation Box Elder

Zone: 4b
Height: 30'
Spread: 25'
Shape: Rounded
Foliage: Medium green
Fall Color: Brilliant red
Fruit: 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
1¾" cal., branched

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

Emperor I 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
7 foot, multi-stem

Container
#7 multi-stem
#10 multi-stem
#15 4 foot, multi-stem
#20 4 foot, multi-stem

Acer nigrum 'Greencolumn'

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

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

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

Acer palmatum 'Emperor I'

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

B & B
2 foot, multi-stem
3 foot, multi-stem
4 foot, multi-stem
5 foot, multi-stem

Container
#7 multi-stem
#10 multi-stem
#15 4 foot, multi-stem
#20 4 foot, multi-stem
Acer palmatum
Japanese Maple

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**

**Japanese Maple**

**Acer palmatum dissectum ‘Tamukeyama’**

Tamukeyama Japanese Maple

Zone: 5

Height: 8’

Spread: 12’

Shape: Weeping

Foliage: Laceleaf, deep purple-red

Fall Color: Red

**B & B**

1" caliper

1¼" caliper

1½" caliper

30 inch, low head

3 foot, low head

42 inch, low head

**Container**

#5

#7

#10

#20

1" caliper

25 1¼" caliper

25 1½" caliper

20 3 foot, Low Head

**Acer platanoides**

**Norway Maple**

**Acer platanoides ‘Columnar’**

Columnar Norway Maple

Zone: 4

Height: 35’

Spread: 15’

Shape: Narrow, upright, with ascending branches

Foliage: Dark green

Fall Color: Yellow

**Bare Root**

1¼" cal., branched

1½" cal., branched

**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., whip

7 ft., whip

8 ft., whip

6 ft., branched

1" cal., branched

1¼" cal., branched

1½" cal., branched

**Bare Root**

6 ft., branched

1" cal., branched

1¼" cal., branched

1½" cal., branched

**Container**

#15

1¼" caliper

#20

1½" caliper

#25

1¾" caliper

**Acer platanoides ‘Crimson King’**

Crimson King Maple

Zone: 4

Height: 25’

Spread: 15’

Shape: Compact and dense, pyramidal to oval

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

**Bare Root**

6 ft., branched

1" cal., branched

1¼" cal., branched

1½" cal., branched

**Container**

6 ft., whip

7 ft., whip

8 ft., whip

6 ft., branched

1" cal., branched

1¼" cal., branched

1½" cal., branched

**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

**Bare Root**

6 ft., branched

1" cal., branched

1¼" cal., branched

1½" cal., branched

**Container**

3RP VigorLiner®

#7

6 foot

#10

1" caliper

#25

1¾" caliper

**Acer platanoides ‘Emerald Lustre®’**

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

6 ft., branched

1" cal., branched

1¼" cal., branched

1½" cal., branched

**Container**

3RP VigorLiner®

#7

6 foot

#10

1" caliper

#25

1¾" caliper

**Acer platanoides ‘Pond’**

Emerald Lustre® Maple

**Bare Root**

6 ft., whip

7 ft., whip

8 ft., whip

6 ft., branched

1" cal., branched

1¼" cal., branched

1½" cal., branched

**Container**

#15

1¾" caliper

#20

1½" caliper

#25

1¾" caliper
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

**Container**
- #7 6 foot
- #10 1” caliper
- #15 1¼” caliper
- #25 1½” caliper

---

Acer platanoides × palm. ‘Hasselkus’
**Northern Glow® Maple**

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

**B & B**
- 5 foot, multi-stem
- 6 foot, multi-stem
- 7 foot, multi-stem
- 8 foot, multi-stem

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

---

Acer platanoides ‘Drummondii’
**Silver Variegated Maple**

- **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
- 6 ft., branched
- 1” cal., branched
- 1¼” cal., branched
- 1½” cal., branched
- 1¾” cal., branched

**Container**
- 3RP VigorLiner®
- #10 6 foot
- #10 1” caliper
- #15 1¼” caliper
- #25 1½” caliper

---

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**
- #15 1¼” caliper
- #25 1½” caliper

---

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
- 7 ft., whip
- 6 ft., branched
- 1” cal., branched
- 1¼” cal., branched
- 1½” cal., branched
- 1¾” cal., branched

**Container**
- #10 6 foot
- #15 1¼” caliper
- #25 1½” caliper
**Acer rubrum**

**Red Maple**

_A slender column of deep green summer foliage transforms to candle-bright leaves in autumn._

_A perfect shade tree for space-challenged gardens and street-side plantings!_

---

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

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

---

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

**Bare Root (Low Branch)**
- 4 ft., whip, low branch
- 5 ft., whip, low branch
- 6 ft., whip, low branch
- 6 ft., low branch
  - 1" cal., low branch
  - 1¼" cal., low branch
  - 1½" cal., low branch
  - 1¾" cal., low branch

**Container**
- #5 5 foot
- #7 6 foot
- #15 1¼" caliper
- #20 1½" caliper
- #25 1¾" caliper
- #15 1¼" caliper, low branch
- #20 1¾" caliper, low branch

---

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

**Bare Root (Low Branch)**
- 4 ft., whip, low branch
- 5 ft., whip, low branch
- 6 ft., whip, low branch
- 6 ft., low branch
  - 1" cal., low branch
  - 1¼" cal., low branch
  - 1½" cal., low branch
  - 1¾" cal., low branch

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

---

**Acer rubrum ‘Magnificent Magenta’**

**Burgundy Belle® Maple**

Royalty: $.90  
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 ‘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
- 6 ft., branched
  - 1" cal., branched
  - 1¼" cal., branched
  - 1½" cal., branched
  - 1¾" cal., branched

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

---

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

**Bare Root (Low Branch)**
- 4 ft., whip, low branch
- 5 ft., whip, low branch
- 6 ft., whip, low branch
- 6 ft., low branch
  - 1" cal., low branch
  - 1¼" cal., low branch
  - 1½" cal., low branch
  - 1¾" cal., low branch

**Container**
- #5 5 foot
- #7 6 foot
- #15 1¼" caliper
- #20 1½" caliper
- #25 1¾" caliper
- #15 1¼" caliper, low branch
- #20 1¾" caliper, low branch

---

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

**Bare Root (Low Branch)**
- 4 ft., whip, low branch
- 5 ft., whip, low branch
- 6 ft., whip, low branch
- 6 ft., low branch
  - 1" cal., low branch
  - 1¼" cal., low branch
  - 1½" cal., low branch
  - 1¾" cal., low branch

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

---

**Acer rubrum ‘Magnificent Magenta’**

**Burgundy Belle® Maple**

Royalty: $.90  
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
Redpointe® Maple is growing its way to greatness. Since its introduction in 2006, the striking, broadly pyramidal shade tree has become our best-selling tree, and for good reason. Quickly embraced by our customers as “a grower’s tree,” its strong central leader and upright, symmetrical and balanced growth habit make it an easy-care tree in the nursery. This mannerly growth habit translates to its being a low maintenance tree in the landscape.

A+ fall color is always delightfully bright, and summer foliage deliciously dark green throughout the growing season, even in hotter regions where other red maples suffer. Tolerance of drought, heat and cold, plus improved pest and disease resistance and tolerance of higher pH soils add up to its being a top seller across the continent.

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

Bare Root
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
8 ft., branched
1” cal., branched
1¼” cal., branched
1½” cal., branched
1¾” cal., branched
2” cal., branched
2½” cal., branched
42 inch, multi-stem
4 foot, multi-stem
5 foot, multi-stem

Container
#5  5 foot
#7  6 foot
#10  1” caliper
#15  1¼” caliper
#20  1½” caliper
#25  1¾” caliper
Royalty $2.00

www.RedpointeMaple.com
### Acer rubrum

**Red Maple**

**Acer rubrum ‘October Glory’**

**October Glory® Maple**

- **Zone:** 5
- **Height:** 40’
- **Spread:** 35’
- **Shape:** Broadly oval to round
- **Foliage:** Medium green, glossy
- **Fall Color:** Deep red to reddish-purple

**Container**

- #5 5 foot
- #7 6 foot
- #15 1¼” 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

**Container**

- #7 6 foot
- #10 1¼” caliper
- #15 1¼” caliper

**Acer rubrum ‘Franksred’**

**Red Sunset® Maple**

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

**Container**

- #7 6 foot
- #15 1¼” caliper
- #20 1¼” caliper
- #25 1¼” caliper

### Acer saccharinum

**Silver Maple**

**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

**Container**

- #5 5 foot
- #10 1” caliper
- #15 1¼” caliper

**Acer saccharinum ‘JFS H1’**

**Symatree™ Maple**

- **Zone:** 3
- **Height:** 30’
- **Spread:** 20’
- **Shape:** Upright oval
- **Foliage:** Light green, silvery beneath
- **Fall Color:** Bright yellow to burgundy red

**Fruit:** None observed

**Container**

- #7 6 foot
- #15 1¼” caliper
- #20 1¾” caliper
- #25 1¾” caliper

**Acer saccharinum ‘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

**Container**

- #7 6 foot
- #15 1¼” caliper
- #20 1¼” caliper
- #25 1¼” caliper

**Acer saccharinum ‘JFS H1’**

**Symatree™ Maple**

- **Zone:** 3
- **Height:** 30’
- **Spread:** 20’
- **Shape:** Upright oval
- **Foliage:** Light green, silvery beneath
- **Fall Color:** Bright yellow to burgundy red

**Fruit:** None observed

**Container**

- #7 6 foot
- #15 1¼” caliper
- #20 1¼” caliper
- #25 1¼” caliper
Acer saccharum (Sugar 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
- 1½" cal., branched

**Container**
- #7 6 foot
- #10 6 foot
- #10 1½" caliper

Acer saccharum 'Commemoration'
**Commemoration® Maple**
Royalty: $0.50

- **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
- 1¼" cal., branched

**Container**
- #7 6 foot
- #15 1¼" caliper
- #20 1½" caliper

Acer saccharum 'Barrett Cole'
**Apollo® Maple**
Royalty: $1.50

INSECT RESISTANCE: Japanese beetle

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

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

Acer saccharum 'Autumn Splendor'
**Autumn Splendor Maple**

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

Acer saccharum 'Morton'
**Crescendo™ Maple**
Royalty: $0.60

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

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

Strong upright growth and reliable, early fall color make this a standout in the nursery and on the streets. Vigorous, with a good central leader, it is faster growing with a more upright shape than typical of sugar maples.
Acer saccharum ‘Bailsta’

**Fall Fiesta® Maple**
Royalty $1.00

Zone: 4
Height: 50’
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

**Container**
#7 6 foot
#10 1” caliper

Acer saccharum ‘JFS-Caddo2’ PP 23361

**Flashfire® Maple**
Royalty: $1.50

Zone: 4
Height: 45’
Shape: Broadly oval
Foliage: Dark green
Fall Color: Bright red

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

**Container**
3RP VigorLiner®
#7 6 foot
#10 1” caliper

Acer saccharum ‘Green Mountain’

**Green Mountain® Maple**
Royalty $.50

Zone: 3
Height: 50’
Shape: Broadly oval
Foliage: Dark green
Fall Color: Reddish-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
1¾” cal., branched

**Container**
3RP VigorLiner®
#7 6 foot
#10 1” caliper

Acer saccharum ‘John Pair’

**John Pair Maple**
Zone: 5
Height: 30’
Shape: Rounded
Foliage: Glossy green
Fall Color: Red

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

**Container**
#10 6 foot

Discount Opportunities
Please note that container and VigorLiner® orders qualify for different discounts than bare root, B & B, and root bag orders. See page 87 for details.
**Acer tataricum**

**Hot Wings® Maple**

- **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

**INSECT RESISTANCE:** Japanese beetle

**Bare Root**
- 5 ft., branched
- 6 ft., branched
- 1 1/4” cal., branched

**Container**
- #15 1 1/4” caliper
- #25 1 3/4” caliper

---

**Acer tataricum ‘JFS-KW2’**

**Rugged Charm® Maple**

- **Zone:** 3
- **Height:** 28’
- **Spread:** 15’
- **Shape:** Compact upright oval
- **Foliage:** Dark green
- **Fall Color:** Bright orange-red
- **Flower:** White clusters in May
- **Fruit:** Attractive red samaras

**Bare Root**
- 6 ft., branched
- 7 ft., branched
- 1 3/4” cal., branched

**Container**
- #7 6 foot
- #15 1 3/4” caliper

---

**Acer saccharum**

**Legacy® Maple**

- **Zone:** 5
- **Height:** 50’
- **Spread:** 35’
- **Shape:** Oval
- **Foliage:** Glossy dark green
- **Fall Color:** Reddish-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
- 1 1/4” cal., branched

**Container**
- #10 1” caliper

---

**Acer saccharum**

**Oregon Trail® Maple**

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

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

---

**Acer saccharum**

**‘Sugar Cone’**

**Sugar Cone Maple**

- **Zone:** 4
- **Height:** 25’
- **Spread:** 13’
- **Shape:** Compact dwarf pyramid
- **Foliage:** Dark green
- **Fall Color:** Orange-red

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

---

**Acer saccharum**

**‘Hiawatha 1’**

**Oregon Trail® Maple**

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

**Bare Root**
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 6 ft., branched
- 1” cal., branched
- 1 1/4” cal., branched
- 1 3/4” cal., branched
- 1 1/2” cal., branched

**Container**
- #7 6 foot
- #15 1 1/4” caliper
- #25 1 3/4” caliper
- #7 multi-stem
- #15 multi-stem

---

**Acer saccharum**

**Whit XLIX’ PP 23957**

**Powder Keg® Maple**

- **Zone:** 5
- **Height:** 50’
- **Spread:** 40’
- **Shape:** Rounded, spreading
- **Foliage:** Medium green
- **Fall Color:** Bright orange-red

**Bare Root**
- 6 ft., branched
- 1” cal., branched
- 1 1/4” cal., branched

**Container**
- #10 1” caliper

---

**Acer saccharum**

**‘GarAnn’ PP 15023**

**Hot Wings® Maple**

- **Zone:** 3
- **Height:** 20’
- **Spread:** 24’
- **Shape:** Rounded, spreading
- **Foliage:** Medium green
- **Fall Color:** Yellow to red

**Bare Root**
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 6 ft., branched
- 1” cal., branched
- 1 1/4” cal., branched

**Container**
- #15 1 1/4” caliper
- #25 1 3/4” caliper
- #7 multi-stem
- #15 multi-stem

---

**Acer saccharum**

**‘Sugar Cone’**

**Sugar Cone Maple**

- **Zone:** 4
- **Height:** 25’
- **Spread:** 13’
- **Shape:** Compact dwarf pyramid
- **Foliage:** Dark green
- **Fall Color:** Orange-red

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

---

**Acer saccharum**

**‘Hiawatha 1’**

**Oregon Trail® Maple**

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

**Bare Root**
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 6 ft., branched
- 1” cal., branched
- 1 1/4” cal., branched
- 1 3/4” cal., branched

**Container**
- #7 6 foot
- #15 1 1/4” caliper
- #25 1 3/4” caliper
- #7 multi-stem
- #15 multi-stem

---

**Acer saccharum**

**‘GarAnn’ PP 15023**

**Hot Wings® Maple**

- **Zone:** 3
- **Height:** 20’
- **Spread:** 24’
- **Shape:** Rounded, spreading
- **Foliage:** Medium green
- **Fall Color:** Yellow to red

**Bare Root**
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 6 ft., branched
- 1” cal., branched
- 1 1/4” cal., branched

**Container**
- #15 1 1/4” caliper
- #25 1 3/4” caliper
- #7 multi-stem
- #15 multi-stem
**Acer truncatum**

*(Shantung Maple)*

**Crimson Sunset® Maple**

*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**

5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
1½ cal., branched  
1¾ cal., branched  
1⅞ cal., branched  
2⅛ cal., branched

**Container**

#7 6 foot  
#15 1½" caliper  
#20 1⅛" caliper  
#25 1⅞" caliper

**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

**INSECT RESISTANCE:** Japanese beetle

**Bare Root**

5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
1⅞ cal., branched  
2⅛ cal., branched

**Container**

3RP VigorLiner®  
#5 5 foot  
#7 6 foot  
#20 1½" caliper  
#25 1⅞" 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**

6 ft., branched  
1½ cal., branched  
1¾ cal., branched  
1⅞ cal., branched  
2⅛ cal., branched

**Container**

#15 1½" caliper  
#20 1⅛" caliper  
#25 1⅞" caliper

---

**Norwegian Sunset® Maple**

*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  
1½ cal., branched  
1¾ cal., branched  
1⅞ cal., branched  
2⅛ cal., branched

**Container**

#7 6 foot  
#15 1½" caliper  
#20 1⅛" caliper  
#25 1⅞" caliper

---

**Urban Sunset Maple**

*Acer truncatum x 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**

6 ft., branched  
1½ cal., branched  
1¾ cal., branched  
1⅞ cal., branched  
2⅛ cal., branched

**Container**

#15 1½" caliper  
#20 1⅛" caliper  
#25 1⅞" caliper

---

**Briotti Red Horsechestnut**

*Acer truncatum*
Amelanchier (Serviceberry)

Amelanchier alnifolia ‘Obelisk’
Standing Ovation™ Serviceberry
Royalty: $0.95

Zone: 3
Height: 15'
Spread: 7'
Shape: Upright, narrow
Foliage: Green, rounded
Fall Color: Orange to red
Flower: White
Fruit: Edible, purple blue, ¾”

Narrowly upright form of this North American native is a good fit for tight spaces and a good candidate for hedging. A profuse crop of small white flowers may be followed by small, edible, tasty fruits - if the birds don’t beat you to it!

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

Amelanchier canadensis
Shadblow Serviceberry

Zone: 3
Height: 20’
Spread: 10’
Shape: Multi-stemmed shrub
Foliage: Green
Fall Color: Yellow to red
Flower: White
Fruit: Edible, purple blue, ¾”

LIMITED QUANTITIES

Standing Ovation™ Serviceberry

Zone: 3
Height: 10’
Spread: 6’
Shape: Multi-stemmed shrub
Foliage: Green
Fall Color: Yellow to red
Flower: White
Fruit: Edible, purple blue, ¾”

Discount Opportunities
Please note that container and VigorLiner® orders qualify for different discounts than bare root, B & B, and root bag orders. See page 87 for details.
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, ¾”

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, ¾”

Amelanchier laevis ‘Snowcloud’
Snowcloud Serviceberry
Royalty $.75

Zone: 4
Height: 28’
Spread: 20’
Shape: Upright oval
Foliage: Medium green
Fall Color: Orange
Flower: White, in clusters
Fruit: Edible, purplish blue, ¾”

Asimina (Pawpaw)

Asimina triloba
Pawpaw

Zone: 5
Height: 25’
Spread: 15’
Shape: Rounded
Foliage: Dark green
Fall Color: Scarlet
Flower: White in clusters
Fruit: Edible, purplish blue

Container
#5 1” caliper
#10 1 ¼” caliper
#20 1 ½” caliper

3RP VigorLiner®, multi-stem
3VL VigorLiner®

Spring Flurry® Serviceberry

Lotus Blue® Serviceberry

Zone: 4
Height: 28’
Spread: 20’
Shape: Upright oval
Foliage: Medium green
Fall Color: Orange
Flower: White, in clusters
Fruit: Edible, purplish blue

Container
#5 1” caliper
#10 1 ¼” caliper
#20 1 ½” caliper

Spring Flurry® Serviceberry

Amelanchier laevis ‘JFS-Arb’ PP 15304
Spring Flurry® Serviceberry
Royalty $1.50
**Betula (Birch)**

**Betula ‘Penci-2’**  
**Royal Frost® Birch**  
Royalty $.25

INSECT RESISTANCE: Japanese beetle

Container  
3RP VigorLiner®  
5RP VigorLiner®  
#7  6 foot  
#10 1” caliper  
#15 1¼” caliper

**Betula jacquemontii**  
**Jacquemontii Birch**

INSECT RESISTANCE: Partial resistance to leaf miner

Bare Root  
5 ft., branched  
6 ft., branched  
1” cal., branched  
1½” cal., branched  
2 foot, Singles for Clmp  
3 foot, Singles for Clmp  
4 foot, Singles for Clmp  
5 foot, Singles for Clmp

Container  
#20 11/2” caliper  
#25 13/4” caliper

**Betula nigra**  
**River Birch**

INSECT RESISTANCE: Bronze birch borer, Japanese beetle

Bare Root  
5 ft., branched  
6 ft., branched  
1” cal., branched  
1½” cal., branched  
2 foot, Singles for Clmp  
3 foot, Singles for Clmp  
4 foot, Singles for Clmp  
5 foot, Singles for Clmp

Container  
#5  5 foot  
#15 1¼” caliper  
3RP VigorLiner®, clump

**Betula nigra ‘Whit XXV’ PP16573**  
**City Slicker® Birch**

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

INSECT RESISTANCE:  
Bronze birch borer, Japanese beetle

Bare Root  
2 foot, Singles for Clmp  
3 foot, Singles for Clmp  
4 foot, Singles for Clmp  
4 ft., branched  
5 ft., branched  
6 ft., branched

**Betula jacquemontii**  
**Jacquemontii Birch**

INSECT RESISTANCE: Partial resistance to leaf miner

Bare Root  
5 ft., branched  
6 ft., branched  
1” cal., branched  
1½” cal., branched  
2 foot, Singles for Clmp  
3 foot, Singles for Clmp  
4 foot, Singles for Clmp  
5 foot, Singles for Clmp

Container  
#20 11/2” caliper  
#10 1” caliper

**Betula nigra**

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

**Betula nigra**

**Zone:** 5  
**Height:** 35’  
**Spread:** 25’  
**Shape:** Broadly pyramidal  
**Foliage:** Glossy dark green  
**Fall Color:** Yellow

**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.

*Liners offered as ‘Singles for Clumping’ are to be used only for the purpose of growing clump-form trees.
**Betula nigra ‘Cully’**  
**Heritage® Birch**  
Royalty: $0.75 (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**  
- 5 ft., branched  
- 6 ft., branched  
- 1” cal., branched  
- 1½” cal., branched

**Container**  
- 4 foot, Singles for Clmp  
- 5 foot, Singles for Clmp  
- 6 foot, Singles for Clmp  
- 7 foot, Singles for Clmp

---

**Betula nigra ‘Shiloh Splash’ PP 16362**  
**Shiloh Splash Birch**  
Royalty: $1.00

- **Zone:** 5  
- **Height:** 10’  
- **Spread:** 8’  
- **Shape:** Rounded, shrubby small tree  
- **Foliage:** Variegated, cream-yellow and green  
- **Fall Color:** Yellow

**INSECT RESISTANCE:** Bronze birch borer

**Bare Root**  
- 5 ft., branched  
- 6 ft., branched  
- 1” cal., branched

**Container**  
- 4 foot, Singles for Clmp  
- 5 foot, Singles for Clmp  
- 6 foot, Singles for Clmp

---

**Betula papyrifera**  
**Paper Birch**

- **Zone:** 3  
- **Height:** 50’  
- **Spread:** 35’  
- **Shape:** Oval  
- **Foliage:** Dark green  
- **Fall Color:** Yellow

**INSECT RESISTANCE:** Bronze birch borer

**Bare Root**  
- 5 ft., branched  
- 6 ft., branched  
- 1” cal., branched

**Container**  
- 3RP VigorLiner®, clump  
- #7 clump  
- #10 5 foot  
- #15 8 foot, clump  
- #25 9 foot, clump

---

**Betula papyrifera ‘Varen’ PP 15768**  
**Prairie Dream® Birch**  
Royalty: $1.05

- **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**  
- 7 ft., whip  
- 8 ft., whip  
- 9 ft., whip

**Container**  
- 3RP VigorLiner®, clump  
- #5 6 foot  
- #7 clump  
- #15 8 foot, clump  
- #25 9 foot, clump

---

**Betula papyrifera ‘Renci’**  
**Renaissance Reflection® Birch**  
Royalty: $1.05 (Singles for clumping $.35 each)

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

**INSECT RESISTANCE:** Bronze birch borer

**Bare Root**  
- 6 ft., whip  
- 7 ft., whip

**Container**  
- 3RP VigorLiner®, clump  
- #7 6 foot  
- #10 8 foot, clump  
- #25 9 foot, clump

---

**Betula papyrifera ‘Oenci’**  
**Renaissance Oasis® Birch**  
Royalty: $1.05

- **Zone:** 3  
- **Height:** 50’  
- **Spread:** 30’  
- **Shape:** Broadly pyramidal to oval  
- **Foliage:** Dark green  
- **Fall Color:** Yellow

**INSECT RESISTANCE:** Bronze birch borer

**Bare Root**  
- 6 ft., whip  
- 7 ft., whip

**Container**  
- 3RP VigorLiner®, clump  
- #7 clump  
- #15 8 foot, clump  
- #25 9 foot, clump
Discount Opportunities

Please note that container and VigorLiner® orders qualify for different discounts than bare root, B & B, and root bag orders. 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
5 ft., whip
6 ft., whip
7 ft., whip
6 ft., branched
7 ft., branched
8 ft., branched
10 ft., branched
1” cal., branched
1½” cal., branched
1¾” cal., branched
2” cal., branched

Container
3RP VigorLiner®
#7 6 foot
#10 6 foot
#10 1” caliper
#15 1¼” caliper
#20 1¼” caliper
#25 1½” caliper

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., branched
6 ft., branched
1” cal., branched
1½” cal., branched
1¾” cal., branched

Container
3RP VigorLiner®
#7 6 foot
#15 1¼” caliper

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., branched
6 ft., branched
1” cal., branched

Container
#10 6 foot
#10 1” caliper

Carpinus caroliniana ‘Uxbridge’

Rising Fire® American Hornbeam
Royalty: $1.75

Zone: 4
Height: 30’
Spread: 20’
Shape: Upright, narrow
Foliage: Medium green
Fall Color: Red to orange

Bare Root
5 ft., branched
6 ft., branched
1” cal., branched

Container
#10 6 foot

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

Container
#10 1” caliper
#15 1¼” caliper
#20 1½” caliper
#25 1¾” 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
5 ft., whip
6 ft., whip
7 ft., whip
1” cal., branched
1½” cal., branched
1¾” cal., branched

Container
#20 1¼” caliper
#25 1½” caliper

Catalpa × erubescens ‘Purpurea’

Purple Catalpa

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

Bare Root
1” cal., branched
1½” cal., branched
1¾” cal., branched

Catalpa × erubescens ‘Catalpa’

Purple Catalpa

Zone: 5
Height: 50’
Spread: 40’
Shape: Upright narrow oval
Foliage: Purple
Fall Color: Yellow
Flower: Large white panicles

Catalpa × erubescens ‘Purpurea’

Purple Catalpa

Zone: 5
Height: 45’
Spread: 40’
Shape: Rounded
Foliage: Purple
Fall Color: Yellow
Flower: Large white panicles

Bare Root
1” cal., branched
1½” cal., branched
1¾” cal., branched

Catalpa × erubescens ‘Catalpa’

Purple Catalpa

Zone: 5
Height: 50’
Spread: 40’
Shape: Upright narrow oval
Foliage: Purple
Fall Color: Yellow
Flower: Large white panicles

Bare Root
1” cal., branched
1½” cal., branched
1¾” cal., branched

Catalpa × erubescens ‘Catalpa’

Purple Catalpa

Zone: 5
Height: 50’
Spread: 40’
Shape: Upright narrow oval
Foliage: Purple
Fall Color: Yellow
Flower: Large white panicles

Bare Root
1” cal., branched
1½” cal., branched
1¾” cal., branched
Discovered on a rocky, barren plateau in Western Kansas, this tightly fastigiate native tree of the prairie forms a narrow spire that's a perfect fit for narrow streets in the toughest climates. Adaptability to heat, cold, drought and poor soils recommends it for difficult urban sites.
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

The smaller, narrower stature of this mannerly Katsura is a good fit for today’s garden landscapes. Dark green, distinctively heart-shaped leaves are thick and heavily textured when young. It has demonstrated good hardiness in Zone 4b, with fall colors lasting a bit longer than others of the species.

Bare Root
1” cal., branched
1¼” cal., branched
1½” cal., branched

Cercis (Redbud)

Cercis canadensis
Eastern Redbud

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

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
#5 5 foot
#7 6 foot
#15 1½” caliper
#20 1¾” caliper
#25 1¼” caliper
#7 multi-stem
#15 6 foot, multi-stem
#15 7 foot, multi-stem

Cercis canadensis ‘Appalachian Red’
Appalachian Red Redbud

Zone: 5
Height: 20’
Spread: 25’
Shape: Upright spreading branches, rounded
Foliage: Deep purple paling to bronze-green
Fall Color: Yellow
Flower: Bright pink flowers emerge from magenta buds

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

B & B
1” caliper
1¼” caliper
1½” caliper
2” caliper

Container
3RP VigorLiner®
#7 6 foot
#10 1” caliper
#25 1” caliper
#15 1½” caliper
#25 1½” caliper
#10 multi-stem
#15 6 foot, multi-stem

Cercidiphyllum japonicum ‘Rotfuchs’
Red Fox Katsura Tree

Zone: 5
Height: 30’
Spread: 16’
Shape: Upright oval
Foliage: Purple in spring to bronze-green in summer
Fall Color: Orange-bronze

Bare Root
6 ft., branched
7 ft., branched
1” cal., branched

Discount Opportunities
Please note that container and VigorLiner® orders qualify for different discounts than bare root, B & B, and root bag orders. See page 87 for details.
Cercis canadensis ‘Covey’
Lavender Twist® Redbud
Royalty: $1.00
Zone: 5
Height: 7’
Spread: 8’
Shape: Weeping
Foliage: Medium green
Fall Color: Yellow
Flower: Magenta buds open rosy pink

Bare Root
#1 head
#1 light head
#2 Head

Container
3RP VigorLiner®
#7 6 foot
#15 1¼” caliper
#20 1⅛” caliper
#25 1¾” caliper

Cercis canadensis ‘Merlot’ PP 22297
Merlot Redbud
Royalty: $2.25
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
3 ft., whip
4 ft., whip
5 ft., whip
6 ft., whip
5 ft., branched
6 ft., branched
1” cal., branched
B & B
1” caliper
1¼” caliper
1¾” caliper

Container
3RP VigorLiner®
#7 6 foot
#10 6 foot
#25 1⅛” caliper

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., branched
6 ft., branched
1” cal., branched
B & B
1” caliper
1¼” caliper

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

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

Cercis canadensis ‘UMN7101’
Heart’s Desire™ Redbud
Royalty: $1.50
Zone: 4
Height: 15’
Spread: 20’
Shape: Rounded, spreading
Foliage: Medium green
Fall Color: Yellow
Flower: Lavender pink

Bare Root
5 ft., branched
6 ft., branched
1” cal., branched

B & B
1¼” caliper
1½” caliper
1¾” caliper

Container
3RP VigorLiner®
#7 6 foot
#10 6 foot
#25 1⅛” caliper

Cercis canadensis ‘Joy’s Pride’
Joy’s Pride™ Redbud
Royalty: $.35
Zone: 5
Height: 15’
Spread: 20’
Shape: Oval to spreading
Foliage: Green, heart-shaped
Fall Color: Yellow
Flower: Bright lavender pink

Bare Root
3 ft., whip
4 ft., whip
5 ft., whip
6 ft., whip
5 ft., branched
6 ft., branched
1” cal., branched
B & B
1” caliper
1¼” caliper
1½” caliper

Container
3RP VigorLiner®
#7 6 foot
#15 1” caliper
#25 1¼” caliper

Brilliant pink blooms burst from the bare branches of this springtime wonder. Selected by Ohio plantsman Bill Hendricks of Klyn Nurseries, it is reliably cold hardy in Zone 5. Dark green summer foliage turns a warm shade of yellow in autumn.
Cercis Redbud

Cercis texensis ‘Oklahoma’

Oklahoma Redbud

Zone: 6
Height: 20’
Spread: 25’
Shape: Upright
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
5 ft., branched
6 ft., whip
6 ft., branched
1½” caliper, branched

B & B
1” caliper
1½” caliper

Container
3RP VigorLiner®
#7 6 foot
#20 1” caliper
#20 1½” caliper

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

B & B
1½” caliper

Container
3RP VigorLiner®
#15 1½” caliper

Cercis canadensis ‘Ruby Falls’ PP22097

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

B & B
1” caliper
1½” caliper
1½” caliper

Container
3RP VigorLiner®
#15 #1 head
#20 1½” caliper
#25 1½” caliper

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

Pure white, pea-like flowers smother the twisting, cascading branches of this hybrid of Lavender Twist® and Royal White Redbuds in springtime. Foliage soon follows, emerging chartreuse and maturing to light green, heart shaped leaves that turn yellow in autumn. Observed to have good resistance to drought and cold.

Container
3RP VigorLiner®
#7

Cercis texensis ‘Oklahoma’

Oklahoma Redbud

Zone: 6
Height: 20’
Spread: 25’
Shape: Upright
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
5 ft., branched
6 ft., whip
6 ft., branched
1½” caliper, branched

B & B
1” caliper
1½” caliper

Container
3RP VigorLiner®
#7 6 foot
#20 1” caliper
#20 1½” caliper

Cercis texensis ‘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
#1 light head
#1 head

B & B
6 foot
1” caliper
1½” caliper

Container
#10 #1 head
#15 #1 head

Chamaecyparis (False Cypress)

Chamaecyparis nootkatensis ‘Pendula’

Weeping Alaskan Cedar

Limited Quantities

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

B & B
8 foot
9 foot
**Chionanthus (Fringe Tree)**

**Chionanthus virginicus**
*Fringe Tree*

- **Zone:** 4
- **Height:** 18’
- **Spread:** 20’
- **Shape:** Oval to spreading
- **Foliage:** Medium to dark green
- **Fall Color:** Yellow
- **Flower:** White, in long clusters, fragrant

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

**Container**
- 3RP VigorLiner®
- #7 6 foot
- #10 1” caliper
- #15 1¼” caliper

**Chionanthus retusus**
*Chinese Fringe Tree*

- **Zone:** 4
- **Height:** 18’
- **Spread:** 22’
- **Shape:** Low branched, rounded
- **Foliage:** White, snow-like, in large clusters
- **Fruit:** Small, blue-black

**Bare Root**
- 4 ft., branched
- 6 ft., branched

**Container**
- 3VL VigorLiner®
- 3RP VigorLiner®

**Cornus (Cornelian Cherry)**

**Cornus mas**
*Cornelian Cherry*

- **Zone:** 5
- **Height:** 18’
- **Spread:** 22’
- **Shape:** Low branched, rounded
- **Foliage:** Glossy dark green
- **Fall Color:** Bright red
- **Flower:** Bright yellow

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

**Container**
- #7 6 foot
Cornus (Dogwood)

**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

**Bare Root**
- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 6 ft., branched
- 1” cal., branched
- 1½” cal., branched

**B & B**
- 1½” caliper
- 1¾” caliper

**Container**
- #7 6 foot
- #15 1¼” caliper
- #25 1¼” caliper
- #25 1½” caliper
- #32 2” caliper

---

**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**
- 6 foot
- 1” caliper
- 1¼” caliper

**Container**
- 3RP VigorLiner®
- #5 5 foot
- #15 1” caliper
- #25 1½” caliper
- #25 1¾” caliper

---

**Cornus florida ‘Comco No. 1’**

**Cherokee Brave Dogwood**

DISEASE RESISTANCE:
Spot anthracnose and powdery mildew

Zone: 5

**Height:** 25’

**Spread:** 22’

**Shape:** Upright spreading, rounded crown

**Foliage:** Dark green

**Fall Color:** Orange to red

**Flower:** Reddish-pink with white center

**B & B**
- 1” caliper
- 1½” caliper

**Container**
- #7 6 foot
- #15 1¼” caliper
- #25 1¼” caliper
- #25 1½” caliper

---

**Cornus florida ‘Cloud 9’**

**Cloud 9 Dogwood**

Zone: 5

**Height:** 15’

**Spread:** 20’

**Shape:** Spreading, broadly rounded crown

**Foliage:** Glossy green

**Fall Color:** Orange red to purple red

**Flower:** White

**B & B**
- 6 foot
- 1” caliper
- 1¼” caliper

**Container**
- #5 5 foot
- #20 1” caliper
- #25 1½” caliper

---

**Cornus florida ‘Prairie Pink’**

**Prairie Pink Dogwood**

DISEASE RESISTANCE:
Spot anthracnose and powdery mildew

Zone: 6

**Height:** 20’

**Spread:** 20’

**Shape:** Upright oval, rounded crown

**Foliage:** Glossy green

**Fall Color:** Orange red to purple red

**Flower:** Light pink

**B & B**
- 6 foot
- 1” caliper
- 1¼” caliper

**Container**
- #5 5 foot
- #20 1” caliper
- #25 1½” caliper

---

**Cornus florida ‘Cherokee Princess’**

**Cherokee Princess Dogwood**

Zone: 6

**Height:** 24’

**Spread:** 20’

**Shape:** Upright, rounded crown

**Foliage:** Green

**Fall Color:** Red

**Flower:** White

**B & B**
- 6 foot
- 1” caliper
- 1¼” caliper

**Container**
- #5 5 foot
- #25 1½” caliper
**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., branched  
5 ft., branched  
6 ft., branched  
7 ft., branched  
1” cal., branched  
2 foot, multi-stem  
3 foot, multi-stem  
4 foot, multi-stem  
5 foot, multi-stem

**B & B**  
6 foot  
1” caliper  
1¼” caliper  

**Container**  
#5 5 foot  
#20 1” caliper  
#25 1¼” caliper

---

**Cornus kousa ‘Schmred’**

**Heart Throb® Dogwood**

**Zone:** 5  
**Height:** 20’  
**Spread:** 20’  
**Shape:** Rounded  
**Foliage:** Dark green  
**Fall Color:** Rose pink  
**Flower:** Red, ¾”

**B & B**  
6 foot  
1” caliper  

**Container**  
3RP VigorLiner®  
#5 5 foot  
#20 1” caliper  

---

**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, ¾”

**B & B**  
6 foot  
1” caliper  
1¼” caliper  

**Container**  
#5 5 foot  
#20 1” 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  
**Fruit:** Red, ¾”

**B & B**  
6 foot  
1” caliper  

**Container**  
#5 5 foot  
#10 1” caliper  
#20 1¼” caliper  

---

**Cornus ‘Rutpink’ PP 28311**

**Scarlet Fire® Dogwood**

**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”

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

**B & B**  
6 foot  
1” caliper  
1¼” caliper  

**Container**  
#7 6 foot  
#15 1¼” caliper

---

**Cornus kousa chinensis ‘Galzam’**

**Galilean® Dogwood**

**Royalty:** $.95

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

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

**B & B**  
6 foot  
1” caliper  
1¼” caliper  

**Container**  
#5 5 foot  
#20 1” caliper  

---

**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, ¾”

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

**B & B**  
6 foot  
1” caliper  
1¼” caliper  

**Container**  
#5 5 foot  
#10 1” caliper  
#20 1¼” caliper  

---

**DISEASE RESISTANCE:**  
Dogwood anthracnose and powdery mildew
Cornus kousa ‘Summer Gold’ PP 22765
Summer Gold Dogwood
Royalty: $1.65

Zone: 5
Height: 15'
Spread: 15'
Shape: Rounded to wide vase
Foliage: Variegated yellow and green
Fall Color: Pink, then red
Flower: White
Fruit: Red, ¾"

DISEASE RESISTANCE:
Dogwood anthracnose and powdery mildew

B & B
6 foot
1" caliper
1 ⅛" caliper

Container
#5 5 foot

Eddie’s White Wonder Dogwood

Corus × ‘Rutan’
Celestial® Dogwood
Royalty: $1.50

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

B & B
6 foot
1" caliper
1 ⅛" caliper

Container
#5 5 foot

Cornus × ‘Rutgan’
Stellar Pink® Dogwood
Royalty: $1.00

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

B & B
6 foot
1" caliper
1 ⅛" caliper

Container
#5 5 foot

Cornus kousa × nuttallii ‘KN 20-8’ PP 16309
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, ¾", sparse

DISEASE RESISTANCE:
Dogwood anthracnose and powdery mildew

B & B
6 foot
1" caliper
1 ⅛" caliper
1 ⅝" caliper

Container
#5 5 foot
#7 6 foot
#20 1" caliper
#25 1 ⅝" caliper

Cornus kousa × nuttallii ‘KN 30-8’ PP 16309
Venus® Dogwood
Royalty: $1.50

Zone: 6
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, ¾", sparse

DISEASE RESISTANCE:
Dogwood anthracnose and powdery mildew

B & B
6 foot
1" caliper
1 ⅛" caliper
1 ⅝" caliper

Container
#5 5 foot
#7 6 foot
#20 1" caliper
#25 1 ⅝" caliper

Cornus × ‘Eddie’s White Wonder’
Eddie’s White Wonder Dogwood
Royalty: $1.50

Zone: 6
Height: 30'
Spread: 20'
Shape: Upright oval
Foliage: Green
Fall Color: White
Fruit: Red orange, ¾", sparse

DISEASE RESISTANCE:
Dogwood anthracnose and powdery mildew

B & B
1" caliper
1 ¼" caliper

Container
#7 6 foot
#20 1 ⅛" caliper

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

Corylus × ‘Rutgan’
Stellar Pink® Dogwood
Royalty: $0.50

Zone: 6
Height: 20'
Spread: 20'
Shape: Upright oval
Foliage: Deep green
Fall Color: Bright red
Flower: Light pink
Fruit: None

DISEASE RESISTANCE:
Dogwood anthracnose and powdery mildew

B & B
6 foot
1" caliper
1 ⅛" caliper

Container
#5 5 foot

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

Container
#3RP VigorLiner®

Bare Root
6 ft., whip
7 ft., whip
6 ft., branched

Container
#5 5 foot
"3RP VigorLiner®"
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
- 5 foot, multi-stem
- 6 ft., branched
- 7 ft., branched
- 1" cal., branched

Crataegus crus-galli 'Inermis'
**Thornless Cockspur Hawthorn**

- **Zone:** 4
- **Height:** 25'
- **Spread:** 25'
- **Shape:** Rounded, spreading
- **Foliage:** Leatherly, deep green, glossy
- **Fall Color:** Orange or rusty orange
- **Flower:** Small, white in 2" clusters
- **Fruit:** Dark red, ¾"-1½", persistent

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

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

- **Zone:** 3
- **Height:** 22'
- **Spread:** 20'
- **Shape:** Upright oval to rounded
- **Foliage:** Dark glossy green
- **Flower:** Small, double white, in clusters
- **Fruit:** Bright crimson, ½" in clusters

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

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, ¾"

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

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, ¾", persistent

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

**Container**
- #7 6 foot
- #10 1" caliper
- #15 1½" caliper
- #20 1¼" caliper
- 5RP VigorLiner®, multi-stem

**LIMITED QUANTITIES**
**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
- 1½” cal., branched
- 2 foot, multi-stem
- 3 foot, multi-stem
- 4 foot, multi-stem

**Container**
- #5 5 foot
- #10 1” caliper
- #15 1¼” caliper

---

**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**
- 6 ft., branched
- 1” cal., branched
- 1½” cal., branched

**Container**
- #15 1¼” caliper

---

**Fagus (Beech)**

**Fagus grandifolia
American Beech**

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

**B & B**
- 3 foot
- 4 foot
- 5 foot

**Container**
- #7 6 foot
- #15 1¼” caliper

---

**Fagus sylvatica ‘Fastigiata’ (‘Dawyck’)
Fastigiate Beech**

- **Zone:** 5
- **Height:** 45’
- **Spread:** 15’
- **Shape:** Columnar, fastigiate
- **Foliage:** Dark green
- **Fall Color:** Golden brown

**B & B**
- 1” caliper
- 1½” caliper

**Container**
- #25 1¼” caliper

---

**Fagus sylvatica ‘Asplenifolia’
Fernleaf Beech**

- **Zone:** 5
- **Height:** 50’
- **Spread:** 40’
- **Shape:** Broadly oval
- **Foliage:** Cutleaf, green
- **Fall Color:** Golden brown

**B & B**
- 1” caliper
- 1½” caliper

**Container**
- #7 6 foot
- #15 1¼” 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**
- 1” caliper
- 1½” caliper
- 1¾” caliper

**Container**
- #7 6 foot

---

**Diospyros (Persimmon)**

**Fuyu (‘Jiro’)**

**Container**
- #7

---

For more information on our fruit trees, including rootstocks, see page 79 or visit www.jfschmidt.com/fruit
**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**
- 6 foot
  - 1” caliper
  - 1 ¼” caliper

**Container**
- #7 6 foot
- #20 1” caliper
- #25 1 ¼” caliper
- #25 1 ½” caliper

---

**Fagus sylvatica ‘Red Obelisk’**

**Red Obelisk Beech**

- Zone: 5
- Height: 35’
- Spread: 12’
- Shape: Columnar, compact
- Foliage: Purple

**Root Bag**
- 6 ft., branched
  - 1” cal., branched
  - 1 ¼” cal., branched

**B & B**
- 1” caliper
  - 1 ¼” caliper

**Container**
- #7 6 foot
- #20 1 ¼” caliper
- #25 1 ¼” caliper
- #25 1 ½” caliper

---

**Fagus sylvatica ‘Riversii’**

**Rivers Purple Beech**

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

**Root Bag**
- 6 ft., branched
  - 1” cal., branched
  - 1 ¼” cal., branched

**B & B**
- 1” caliper
  - 1 ¼” caliper

**Container**
- #7 6 foot
- #20 1 ¼” caliper
- #25 1 ¼” caliper
- #25 1 ½” caliper

---

**Fagus sylvatica ‘Purpurea Pendula’**

**Purple Weeping Beech**

- Zone: 5
- Height: 10’
- Spread: 15’
- Shape: Broadly weeping
- Foliage: Purple

**B & B**
- 6 foot
  - ¾” caliper, low head
  - 1” caliper
  - 1” caliper, low head

**Container**
- #15 1” caliper
- #20 1 ¼” 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**
- 2 ft., whip
- 3 ft., whip
- 4 ft., whip

**B & B**
- 6 foot
  - 1” caliper

**Container**
- #7 6 foot
- #20 1” caliper
- #20 1 ¼” caliper
- #25 1 ¼” caliper
- #25 1 ½” caliper

---

**Fagus sylvatica ‘Pendula’**

**Weeping Beech**

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

**Root Bag**
- 6 ft., branched
  - 1” cal., branched
  - 1 ¼” cal., branched

**B & B**
- 1” caliper
  - 1 ¼” caliper

**Container**
- #7 6 foot
- #20 1 ¼” caliper
- #20 1 ½” caliper

---

**Franklinia alatamaha**

**Franklin Tree**

- Zone: 5
- Height: 18’
- Spread: 12’
- Shape: Upright spreading, oval
- Foliage: Dark green
- Fall Color: Orange-red
- Flower: Large, white with orange center

**Container**
- 3VL VigorLiner®
Fraxinus (Ash)

Fraxinus oxycarpa ‘Raywood’

Raywood Ash

Zone: 6
Height: 45’
Spread: 30’
Shape: Oval with dense crown
Foliage: Narrow green leaflets, fine textured
Fall Color: Reddish-purple

Bare Root
7 ft., whip
8 ft., whip
6 ft., branched
1” cal., branched
1 ¼” cal., branched
1 ½” cal., branched

Container
#25 1 ¾” caliper

Fraxinus americana ‘Junginger’

Autumn Purple® Ash

Zone: 4
Height: 45’
Spread: 40’
Shape: Rounded
Foliage: Green, heavily textured
Fall Color: Reddish-purple
Fruit: Seedless

Bare Root
5 ft., branched
6 ft., branched
1” cal., branched
1 ¼” cal., branched
1 ½” cal., branched

Container
3RP VigorLiner®
#7 6 foot
#10 1” caliper
#15 1 ¼” caliper
#20 1 ½” caliper

Fraxinus pennsylvanica ‘Urbanite’

Urbanite® Ash

Zone: 5
Height: 50’
Spread: 40’
Shape: Broadly pyramidal
Foliage: Lustrous green, thick and leathery
Fall Color: Deep bronze
Fruit: Samaras

Bare Root
5 ft., whip
6 ft., whip
7 ft., whip

Fraxinus pennsylvanica ‘Urbanite’

Urbanite® Ash

Zone: 5
Height: 50’
Spread: 40’
Shape: Broadly pyramidal
Foliage: Lustrous green, thick and leathery
Fall Color: Deep bronze
Fruit: Samaras

Bare Root
5 ft., whip
6 ft., whip
7 ft., whip

Ginkgo (Maidenhair Tree)

Ginkgo biloba ‘Autumn Gold’

Autumn Gold Ginkgo

Zone: 3
Height: 45’
Spread: 25’
Shape: Narrow oval
Foliage: Medium green
Fall Color: Golden yellow
Fruit: Seedless

Bare Root
5 ft., branched
6 ft., branched
1” cal., branched
1 ¼” cal., branched
1 ½” cal., branched

Container
#7 6 foot
#10 1” caliper
#15 1 ¼” caliper
#20 1 ½” caliper

Ginkgo biloba ‘JFS-UGA2’

Golden Colonnade® Ginkgo

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

Bare Root
5 ft., branched
6 ft., branched
1” cal., branched
1 ¼” cal., branched
1 ½” cal., branched

Container
#7 6 foot
#10 1” caliper
#15 1 ¼” caliper

Ginkgo biloba ‘Blagon’

Goldspire Ginkgo

Introduced from France, this densely branched, tightly fastigiate cultivar forms a narrow, symmetrical spire at a younger age than is typical of other columnar selections. Leathery, fan-like foliage turns golden yellow in autumn.

Bare Root
6 ft., branched
1” cal., branched
1 ¼” cal., branched
1 ½” cal., branched

Container
3RP VigorLiner®
#10 1” caliper
#15 1 ¼” caliper
#20 1 ½” caliper

Ginkgo biloba ‘Halka’

Halka Ginkgo

Zone: 4
Height: 45’
Spread: 25’
Shape: Narrowly columnar
Foliage: Green
Fall Color: Bright golden yellow
Fruit: Seedless

Bare Root
6 ft., branched
1” cal., branched
1 ¼” cal., branched
1 ½” cal., branched

Container
3RP VigorLiner®
#10 1” caliper
#15 1 ¼” caliper
#20 1 ½” caliper

Ginkgo biloba ‘Patmore’

Patmore Ash

Zone: 2
Height: 45’
Spread: 35’
Shape: Symmetrical upright branches, oval head
Foliage: Dark green, glossy
Fall Color: Yellow
Fruit: Seedless

Bare Root
6 ft., branched
1” cal., branched
1 ¼” cal., branched
1 ½” cal., branched

Container
#7 6 foot
#15 1 ¼” caliper
#20 1 ½” caliper
Ginkgo biloba ‘Magyar’

**Magyar Ginkgo**

- **Zone:** 4
- **Height:** 50’
- **Spread:** 25’
- **Shape:** Narrowly pyramidal
- **Foliage:** Medium green
- **Fall Color:** Bright yellow
- **Fruit:** Seedless

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

**Container**
- 3VL VigorLiner®
  - #7 6 foot
  - #10 1¼" caliper
  - #15 1½" caliper
  - #20 1¾" caliper

Ginkgo biloba ‘The President’

**Presidental Gold® Ginkgo**

- **Royalty:** $2.00
- **Zone:** 4
- **Height:** 50’
- **Spread:** 25’
- **Shape:** Narrowly pyramidal
- **Foliage:** Medium green
- **Fall Color:** Bright yellow
- **Fruit:** Seedless

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

**Container**
- 3VL VigorLiner®
  - #7 6 foot
  - #10 1¼" caliper
  - #15 1½" caliper
  - #20 1¾" caliper

**Ginkgo biloba ‘Princeton Sentry’**

**Princeton Sentry® Ginkgo**

- **Royalty:** $.60
- **Zone:** 4
- **Height:** 50’
- **Spread:** 25’
- **Shape:** Narrowly pyramidal
- **Foliage:** Medium green
- **Fall Color:** Bright yellow
- **Fruit:** Seedless

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

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

**Container**
- 3VL VigorLiner®
  - #7 6 foot
  - #10 1¼" caliper
  - #15 1½" caliper
  - #20 1¾" caliper
  - #10 1¼" caliper, High Head

Gleditsia triacanthos ‘Princeton Sentry’

- **Royalty:** $.60
- **Zone:** 4
- **Height:** 50’
- **Spread:** 25’
- **Shape:** Narrowly pyramidal
- **Foliage:** Medium green
- **Fall Color:** Bright yellow
- **Fruit:** Seedless

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

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

**Bare Root**
- 1¾" cal., branched
- 6 ft., whip

**Container**
- 3VL VigorLiner®
  - #7 6 foot
  - #10 1¼" caliper
  - #15 1½" caliper
  - #20 1¾" caliper
  - #10 1¼" caliper, High Head

Gleditsia triacanthos ‘Halka’

**Halka™ Honeylocust**

- **Royalty:** $.75
- **Zone:** 4
- **Height:** 50’
- **Spread:** 40’
- **Shape:** Narrowly pyramidal
- **Foliage:** Medium green
- **Fall Color:** Bright yellow
- **Fruit:** Seedless

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

**Bare Root**
- 1½" cal., branched
- 8 ft., whip
- 7 ft., whip

**Container**
- 3VL VigorLiner®
  - #7 6 foot
  - #10 1¼" caliper
  - #15 1½" caliper
  - #20 1¾" caliper
  - #10 1¼" caliper, High Head

Gleditsia triacanthos ‘Northern Acclaim’

**Northern Acclaim® Honeylocust**

- **Royalty:** $.70
- **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

**Bare Root**
- 6 ft., branched
- 1” cal., branched
- 1½” cal., branched

**Bare Root**
- 1¾” cal., branched
- 6 ft., whip

**Container**
- 3VL VigorLiner®
  - #7 6 foot
  - #10 1¼" caliper
  - #15 1½" caliper

Gleditsia triacanthos ‘Northern Sentinel’

**Northern Sentinel™ Honeylocust**

- **Royalty:** $.75
- **Zone:** 4
- **Height:** 40’
- **Spread:** 35’
- **Shape:** Rounded
- **Foliage:** Fine textured, medium green
- **Fall Color:** Yellow
- **Fruit:** Seedless

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

**Bare Root**
- 1” cal., branched
- 1½” cal., branched

**Bare Root**
- 1¾” cal., branched
- 6 ft., whip

**Container**
- 3VL VigorLiner®
  - #7 6 foot
  - #10 1¼" caliper
  - #15 1½" caliper

Gleditsia triacanthos ‘JFS GMorgenson1’

**Northern Acclaim® Honeylocust**

- **Royalty:** $1.75 | Part of the Sentinel® family of trees.
- **Zone:** 3b
- **Height:** 45’
- **Spread:** 35’
- **Shape:** Upright vase
- **Foliage:** Fine textured, medium green
- **Fall Color:** Yellow
- **Fruit:** Seedless

**Bare Root**
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip

**Bare Root**
- 1” cal., branched
- 1½” cal., branched

**Bare Root**
- 1¾” cal., branched
- 6 ft., whip

**Container**
- 3VL VigorLiner®
  - #7 6 foot
  - #10 1¼" 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.

**Bare Root**
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip

**Bare Root**
- 1” cal., branched
- 1½” cal., branched

**Bare Root**
- 1¾” cal., branched
- 6 ft., whip

**Container**
- 3VL VigorLiner®
  - #7 6 foot
  - #10 1¼" caliper

Toll-Free 1-800-825-8202
www.jfschmidt.com
**Gleditsia Honeylocust**

**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  
6 ft., branched  
1½ cal., branched  
1½ cal., branched  
1½ cal., branched

**Container**  
#7 6 foot  
#10 1⅞ caliper  
#15 1⅞ caliper  
#20 1⅞ caliper

**INSECT RESISTANCE:**  
Spider mites

**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  
1½ cal., whip  
1½ cal., branched  
1½ cal., branched

**Container**  
3RP VigorLiner®  
#7 6 foot  
#10 6 foot  
#15 1⅛ caliper  
#20 1⅛ caliper  
#25 1¼ caliper
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.

<table>
<thead>
<tr>
<th>Container</th>
<th>#5  multi-stem</th>
<th>#7  multi-stem</th>
</tr>
</thead>
</table>

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  
1½" cal., branched  
1¾" cal., branched  
1¾" cal., branched

**Container**  
3RP VigorLiner®  
#7 6 foot  
#10 1" caliper  
#15 1¼" caliper  
#20 1½" caliper  
#25 1¾" caliper

Gymnocladus dioicus ‘Morton’

**Skinny Latte™ Kentucky Coffee Tree**
Royalty: $1.25

**Zone:** 4  
**Height:** 50’  
**Spread:** 35’  
**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

**LIMITED QUANTITIES**

**New** 20

Halesia (Silverbell)

**Halesia carolina ‘Rosy Ridge’**

**Rosy Ridge Silverbell**

**Zone:** 5  
**Height:** 30’  
**Spread:** 20’  
**Shape:** Broadly oval  
**Foliage:** Dark green  
**Fall Color:** Yellow  
**Flower:** Pink, bell shaped

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

**Container**  
3VL VigorLiner®  
3RP VigorLiner®  
#7 multi-stem

Heptacodium (Seven-son Flower)

Heptacodium miconioides

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

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

**Container**  
3VL VigorLiner®  
3RP VigorLiner®  
#7 multi-stem

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

Halesia carolina ‘Rosy Ridge’

**Rosy Ridge Silverbell**

**Zone:** 5  
**Height:** 30’  
**Spread:** 20’  
**Shape:** Broadly oval  
**Foliage:** Dark green  
**Fall Color:** Yellow  
**Flower:** Pink, bell shaped

**Bare Root**  
6 ft., branched

Heptacodium miconioides

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

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

**Container**  
3VL VigorLiner®  
3RP VigorLiner®  
#7 multi-stem

Heptacodium miconioides

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

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

**Container**  
3VL VigorLiner®  
3RP VigorLiner®  
#7 multi-stem

Heptacodium miconioides

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

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

**Container**  
3VL VigorLiner®  
3RP VigorLiner®  
#7 multi-stem

Skinny Latte™ Kentucky Coffee Tree

Gymnocladus dioicus

**Skinny Latte™ Kentucky Coffee Tree**
Royalty: $1.25

**Zone:** 4  
**Height:** 50’  
**Spread:** 35’  
**Shape:** Oval  
**Foliage:** Medium green  
**Fall Color:** Yellow  
**Flower:** White, bell shaped, prolific

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

**LIMITED QUANTITIES**

<table>
<thead>
<tr>
<th>Cultivar</th>
<th>Flower Color</th>
<th>Fall Color</th>
<th>Zone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arnold Promise</td>
<td>Yellow</td>
<td>Bright Yellow</td>
<td>5</td>
</tr>
<tr>
<td>Diane</td>
<td>Crimson-red</td>
<td>Bright orange-red</td>
<td>5</td>
</tr>
<tr>
<td>Jelena (Copper Beauty)</td>
<td>Coppery orange</td>
<td>Bright orange-red</td>
<td>5</td>
</tr>
</tbody>
</table>
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.

**Hydrangea**  
(Tree Form)

<table>
<thead>
<tr>
<th>Cultivar</th>
<th>Available Sizes</th>
<th>Flower Color</th>
<th>Height</th>
<th>Spread</th>
<th>Royalty</th>
<th>Brand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrangea paniculata ‘Limelight’ PP 12874</td>
<td>Bare Root - #1 light and heavy</td>
<td>Soft lime green to white</td>
<td>10’</td>
<td>7’</td>
<td>$1.25</td>
<td>PW</td>
</tr>
<tr>
<td>Hydrangea paniculata ‘DVPPinky’ PP 16166</td>
<td>Bare Root - #1 light and #1 head</td>
<td>Deep pink with white tips</td>
<td>10’</td>
<td>8’</td>
<td>$1.25</td>
<td>PW</td>
</tr>
<tr>
<td>Hydrangea paniculata ‘Bulk’ PP 16812</td>
<td>Bare Root - #1 light and #1 head</td>
<td>Opens white, aging to pink</td>
<td>10’</td>
<td>8’</td>
<td>$1.25</td>
<td>PW</td>
</tr>
<tr>
<td>Hydrangea paniculata ‘Renhy’ PP 20670</td>
<td>Bare Root - #1 light and #1 head</td>
<td>Creamy white, pink, red</td>
<td>10’</td>
<td>8’</td>
<td>$1.25</td>
<td>PW</td>
</tr>
<tr>
<td>Hydrangea paniculata ‘Quick Fire’ PP 20670</td>
<td>Bare Root - #1 light and #1 head</td>
<td>Creamy white, pink, red</td>
<td>10’</td>
<td>8’</td>
<td>$1.25</td>
<td>PW</td>
</tr>
<tr>
<td>Hydrangea paniculata ‘Vanilla’ PP 20670</td>
<td>Bare Root - #1 light and #1 head</td>
<td>Creamy white, pink, red</td>
<td>10’</td>
<td>8’</td>
<td>$1.25</td>
<td>PW</td>
</tr>
<tr>
<td>Hydrangea paniculata ‘Notwoodthree’ PP 20574</td>
<td>Bare Root - #1 light and #1 head</td>
<td>Creamy white, pink, red</td>
<td>10’</td>
<td>8’</td>
<td>$1.25</td>
<td>PW</td>
</tr>
<tr>
<td>Hydrangea paniculata ‘Notwoodone’ PP 12619</td>
<td>Bare Root - #1 light and #1 head</td>
<td>Creamy white, pink, red</td>
<td>10’</td>
<td>8’</td>
<td>$1.25</td>
<td>PW</td>
</tr>
<tr>
<td>Hydrangea paniculata ‘Jwnwood4’ PP 24336</td>
<td>Bare Root - #1 light and #1 head</td>
<td>Creamy white, pink, red</td>
<td>10’</td>
<td>8’</td>
<td>$1.25</td>
<td>PW</td>
</tr>
<tr>
<td>Hydrangea paniculata ‘Notwoodtwo’ PP 12612</td>
<td>Bare Root - #1 light and #1 head</td>
<td>Creamy white, pink, red</td>
<td>10’</td>
<td>8’</td>
<td>$1.25</td>
<td>PW</td>
</tr>
</tbody>
</table>

**Koelreuteria**  
(Goldenrain Tree)

- **Koelreuteria paniculata**  
- **Goldenrain Tree**

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

Cultivar Available Sizes Flower Color Height Spread Royalty Brand
---
Limelight Hydrangea | Bare Root - #1 light, #1 and heavy Container - #3RP, #7, #10, #20 | Soft lime green to white | 10’ | 7’ | $1.25 | PW
Pinky Winky® Hydrangea | Bare Root - #1 light and #1 head | Deep pink with white tips | 10’ | 8’ | $1.25 | PW
Quick Fire® Hydrangea | Bare Root - #1 light and #1 head Container - #7 | Opens white, aging to pink | 10’ | 8’ | $1.25 | PW
Vanilla Strawberry™ Hydrangea | Bare Root - #1 light and #1 head Container - #7 | Creamy white, pink, red | 10’ | 8’ | $1.25 | PW
**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

**Liquidambar (Sweetgum)**

**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

A dominant central leader, strong branch attachment and upright angles add up to a storm-resistant structure. Compared to others of the species growing nearby, the parent tree growing on a residential street in Oregon defoliates early and has suffered no ice or snow damage. Seed production has been extremely light to none.

**B & B**
- 1" caliper
- 1½" caliper
- 1¾" caliper

**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**
- 1¼" caliper
- 1½" caliper

**Container**
- 3VL VigorLiner®
- 3RP VigorLiner®

---

**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

**B & B**
- 1" caliper
- 1½" caliper
- 1¾" caliper

**Container**
- 3RP VigorLiner®
- #7 6 foot
- #15 1½" caliper
- #20 1¾" caliper

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

**Liquidambar styraciflua ‘Slender Silhouette’**  
**Slender Silhouette Sweetgum**
---  
**Zone:** 5  
**Height:** 60'  
**Spread:** 8'  
**Shape:** Tightly columnar  
**Foliage:** Dark green  
**Fall Color:** Orange to burgundy

**B & B**
- 1" caliper
- 1½" caliper
- 1¾" caliper

**Container**
- 3RP VigorLiner®
- #15 1½" caliper
- #20 1¾" caliper

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

**Liquidambar styraciflua ‘Worplesdon’**  
**Worplesdon Sweetgum**
---  
**Zone:** 6  
**Height:** 40'  
**Spread:** 25'  
**Shape:** Broadly pyramidal to oval  
**Foliage:** Green  
**Fall Color:** Orange and purple

**B & B**
- 1" caliper
- 1½" caliper
- 1¾" caliper
- 2" caliper

**Container**
- 3RP VigorLiner®
- #25 1¾" caliper

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

---

**Liriodendron tulipifera ‘Fastigiatum’**  
**Columnar Tulip Tree**
---  
**Zone:** 5  
**Height:** 50'  
**Spread:** 15'  
**Shape:** Tightly fastigiate  
**Foliage:** Medium green  
**Fall Color:** Bright yellow  
**Flower:** Yellow with orange center

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

---

**New 2021**

---
**Liriodendron Tulip Tree**

*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

**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

**Maackia**

*Maackia amurensis* 'JFS-Schichtel1'

**MaacNificent® Maackia**

Royalty: $1.50

- **Zone:** 3
- **Height:** 25'
- **Spread:** 20'
- **Shape:** Upright vase with rounded crown
- **Foliage:** Medium green
- **Flower:** Upright white clusters

**Magnolia**

*Magnolia × loebneri 'Ballerina'*

**Ballerina Magnolia**

- **Zone:** 4
- **Height:** 20'
- **Spread:** 20'
- **Shape:** Rounded, low branched
- **Foliage:** Green with silvery tint
- **Fall Color:** Yellow-green
- **Flower:** Large, white with pink blush

**Bare Root**

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

**Container**

- 3RP VigorLiner®, multi-stem
- #7 multi-stem

**Footnotes**

Glossy, deep green leaves grow on sturdy branches with strong, open angles. Choose superior shade and predictable performance with this refined, relatively compact and uniform selection of a popular native tree.

Leaves are deep green, slightly glossy and more refined than those of the species pictured above.

www.EmeraldCityTulipTree.com
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
3RP VigorLiner®

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®

Magnolia grandiflora ‘Galaxy’

Galaxy Magnolia

Zone: 5
Height: 30'
Spread: 15'
Shape: Pyramidal to oval
Foliage: Green
Flower: Reddish purple

Container
3RP VigorLiner®

#7 6 foot
#15 1¼" caliper

Magnolia × loebneri ‘Leonard Messel’

Leonard Messel Magnolia

Zone: 4
Height: 20'
Spread: 20'
Shape: Rounded, low branched
Foliage: Green
Flower: Deep pink

Container
3RP VigorLiner®, multi-stem

Magnolia × loebneri ‘Merrill’ (‘Dr. Merrill’) Magnolia

Merrill Magnolia

Zone: 4
Height: 25'
Spread: 25'
Shape: Rounded, low branched
Foliage: Green
Fall Color: Yellow-green
Flower: Large, white

Container
3RP VigorLiner®, multi-stem

Magnolia × soulangeana ‘Rustica Rubra’

Rustica Rubra Magnolia

Zone: 5
Height: 20'
Spread: 20'
Shape: Upright spreading, rounded
Foliage: Dark green
Fall Color: Yellow-brown
Flower: Bright lavender pink, fragrant

Container
3RP VigorLiner®, multi-stem

#7 6 foot
#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

Container
3RP VigorLiner®, multi-stem

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
3RP VigorLiner®

#7 multi-stem
3RP VigorLiner®, multi-stem

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

#7 multi-stem

Magnolia x soulangeana × stellata ‘Susan’

Susan Magnolia

Zone: 4
Height: 10'
Spread: 10'
Shape: Upright spreading
Foliage: Medium green
Flower: Reddish-purple

Container
3RP VigorLiner®, multi-stem

#7 multi-stem

Magnolia × stellata ‘NCMX1’ PP 29218

Mercury® Magnolia

Royalty: $1.75

Zone: 5
Height: 25'
Spread: 15'
Shape: Upright
Foliage: Dark green
Fall Color: Yellow
Flower: Bright lavender pink, fragrant

Container
3RP VigorLiner®, multi-stem

#7 6 foot
#15 1¼" caliper

Magnolia × stellata ‘Royal Star’

Royalty: $1.75

Zone: 5
Height: 25'
Spread: 15'
Shape: Upright
Foliage: Dark green
Fall Color: Yellow
Flower: Bright lavender pink, fragrant

Container
3RP VigorLiner®, multi-stem

#7 6 foot
#15 1¼" caliper
**Malus (Apple, semi-dwarf)**

- **Braeburn, Fuji, Gala, Golden Delicious, Granny Smith, Gravenstein, McIntosh, Red Delicious**
  - **Container #7**
  - Honeycrisp, Pink Lady
  - Container #7
  - 4-in-1

For more information on our fruit trees, including rootstocks, see page 79 or visit www.jfschmidt.com/fruit

---

**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, 3⁄4”, persistent

DISEASE RESISTANCE:
Scab: Good
Cedar-Apple Rust: Excel.
Mildew: Good

Bare Root
6 ft., branched
7 ft., branched
1” cal., branched

---

**Malus ‘Adirondack’**

**Adirondack Crabapple**

Zone: 4
Height: 18’
Spread: 10’
Shape: Densely upright, an inverted cone
Foliage: Medium green
Flower: White
Fruit: Bright red, 3⁄4”

DISEASE RESISTANCE:
Scab: Excel.
Fireblight: Poor
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

---

**Malus ‘Cardinal’**

**Cardinal Crabapple**

Zone: 4
Height: 16’
Spread: 22’
Shape: Broadly spreading
Foliage: Dark purple-red, glossy
Flower: Bright pinkish-red
Fruit: Deep red, ¾”

DISEASE RESISTANCE:
Scab: Excel.
Cedar-Apple Rust: Excel.
Fireblight: Good
Mildew: Excel.

Bare Root
6 ft., branched
7 ft., branched
1” cal., branched

---

**Malus ‘Donald Wyman’**

**Donald Wyman Crabapple**

Zone: 4
Height: 20’
Spread: 15’
Shape: Compact, dense, round
Foliage: Dark green
Flower: Coral pink buds, double rose colored flowers
Fruit: Yellow-green, ½”-⅓”

DISEASE RESISTANCE:
Scab: Good
Fireblight: Fair
Cedar-Apple Rust: Excel.
Mildew: Good

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

---

**Malus ‘Dolgo’**

**Dolgo Crabapple**

Zone: 3
Height: 30’
Spread: 25’
Shape: Upright spreading, open
Foliage: Green
Flower: White
Fruit: Red, oval, 1½”, edible

DISEASE RESISTANCE:
Scab: Good
Fireblight: Good
Cedar-Apple Rust: Excel.
Mildew: Excel.

Bare Root
6 ft., branched
7 ft., branched
1” cal., branched

---

**Malus ‘Firebird®’**

**Firebird® Crabapple**

Zone: 4
Height: 8’
Spread: 10’
Shape: Rounded, spreading
Foliage: Dark green
Flower: White, opening from red buds
Fruit: Bright red, ¾”, 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 ‘Golden Raindrops®’**

**Golden Raindrops® Crabapple**

Zone: 3
Height: 20’
Spread: 15’
Shape: Upright vase
Foliage: Green, deeply cut
Flower: White
Fruit: Golden yellow, ⅝”

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
1¼” cal., branched

Container
#15 ⅛” caliper

---

**Malus ‘Schmidtcutleaf’**

**Golden Raindrops® Crabapple**

Zone: 3
Height: 20’
Spread: 15’
Shape: Upright vase
Foliage: Green, deeply cut
Flower: White
Fruit: Golden yellow, ⅝”

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
1¼” cal., branched

Container
#15 ⅛” caliper

---

**Malus ‘Coralcole’**

**Coralburst® Crabapple**

Zone: 4
Height: 15’
Spread: 15’
Shape: Rounded
Foliage: Green
Flower: Coral pink
Fruit: Densely round

DISEASE RESISTANCE:
Scab: Good
Fireblight: Good
Cedar-Apple Rust: Excel.
Mildew: Good

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

---

**Malus sargentii ‘Select A’**

**Firebird® Crabapple**

Zone: 4
Height: 20’
Spread: 15’
Shape: Rounded
Foliage: Green
Flower: Coral pink
Fruit: Densely round

DISEASE RESISTANCE:
Scab: Good
Fireblight: Good
Cedar-Apple Rust: Excel.
Mildew: Good

Bare Root
4” graft, #1 light head
4” graft, #1 head
4” graft, Heavy Select

Container
#15 4” graft, #1 head

---

**Malus ‘Royalty’**

**Golden Raindrops® Crabapple**

Zone: 3
Height: 20’
Spread: 15’
Shape: Upright vase
Foliage: Green, deeply cut
Flower: White
Fruit: Golden yellow, ⅝”

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
1¼” cal., branched

Container
#15 ⅛” caliper
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
- 1⁄4 cal., branched
- 1 cal., branched
- 1 1⁄4 cal., branched

Container
- #15 1 1⁄4" caliper
- #20 1 1⁄4" caliper

Malus 'Indian Magic'

Indian Magic Crabapple

Zone: 4
Height: 10'
Spread: 10'
Shape: Round, compact
Foliage: Green
Flower: White
Fruit: Bright red, ½''

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, Heavy Select

Malus 'Louisa'

Louisa Crabapple

Zone: 4
Height: 10'
Spread: 12'
Shape: Weeping
Foliage: Dark green, glossy
Flower: True pink
Fruit: Yellow, ½''

Disease Resistance:
- Scab: Excel.
- Fireblight: Good
- Cedar-Apple Rust: Good
- Mildew: Good

Bare Root
- #1 light head
- #1 head

Container
- #10 #1 head

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

Disease Resistance:
- Scab: Fair
- Fireblight: Fair
- Cedar-Apple Rust: Good
- Mildew: Excel.

Bare Root
- 5 ft., branched
- 6 ft., branched
- 7 ft., branched
- 1 1⁄4 cal., branched

Container
- #7 6 foot
- #10 1 1⁄4" caliper
- #15 1 1⁄4" caliper
<table>
<thead>
<tr>
<th>NAME</th>
<th>SIZE</th>
<th>SHAPE</th>
<th>FOLIAGE</th>
<th>FLOWER</th>
<th>FRUIT</th>
<th>SCAB</th>
<th>FIRE-BLIGHT</th>
<th>CEDAR-APPLE RUST</th>
<th>MILDEW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adirondack</td>
<td>16' 10'</td>
<td>Densely upright, inverted cone</td>
<td>Medium green</td>
<td>White</td>
<td>Bright red, ½&quot; Excel. Excel. Excel.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Donald Wyman</td>
<td>20' 24'</td>
<td>Rounded</td>
<td>Medium green, glossy and clean</td>
<td>Single, white</td>
<td>Bright red, ½&quot;, abundant, persistent Excel.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Firebird®</td>
<td>8' 10'</td>
<td>Rounded, spreading</td>
<td>Dark green</td>
<td>White, opening from red buds</td>
<td>Bright red, ½&quot; Excel. Excel. Excel.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Golden Raindrops®</td>
<td>20' 15'</td>
<td>Upright, vase shaped</td>
<td>Green, deeply cut</td>
<td>Delicate and starlike, white, profuse</td>
<td>Golden yellow and tiny, ¼&quot; Excel.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Harvest Gold®</td>
<td>20' 18'</td>
<td>Upright oval</td>
<td>Dark green</td>
<td>White</td>
<td>Yellow, ½&quot;, persist. Fair Fair Good Good</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Indian Magic</td>
<td>15' 15'</td>
<td>Upright, spreading</td>
<td>Dark green</td>
<td>Deep pink, 1½&quot;, single</td>
<td>Orange red, ½&quot;, persist. Fair Good Good Excel</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ivory Spear®</td>
<td>18' 7'</td>
<td>Narrow, tightly columnar</td>
<td>Dark green</td>
<td>White</td>
<td>Bright red, ½&quot; Excel. Excel. Excel.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Louisa</td>
<td>10' 12'</td>
<td>Weeping</td>
<td>Dark green, glossy</td>
<td>True pink</td>
<td>Yellow, ½&quot; Excel. Good Excel. Good Excel.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marilee®</td>
<td>24' 10'</td>
<td>Narrow upright, inverted cone</td>
<td>Medium green</td>
<td>Double, large white</td>
<td>Virtually fruitless Good Good Good Excel.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pink Princess™</td>
<td>8' 12'</td>
<td>Low, spreading</td>
<td>Red-maroon, aging reddish green</td>
<td>Crimson buds, bright pinkish red, single flowers</td>
<td>Dark red, ¼&quot;-½&quot;, persist. Excel. Good Excel.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Radiant</td>
<td>25' 20'</td>
<td>Broad, rounded crown</td>
<td>Red-purple when young, maturing to green.</td>
<td>Deep red buds, single deep pink flowers</td>
<td>Bright red, ½&quot; Excel. Excel. Good</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Raspberry Spear®</td>
<td>20' 8'</td>
<td>Narrow upright column</td>
<td>Purple</td>
<td>Magenta pink</td>
<td>Maroon to deep red, ½&quot;, persist. Excel. Excel.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red Jewel™</td>
<td>15' 12'</td>
<td>Upright and pyramidal</td>
<td>Green</td>
<td>Pure white, single</td>
<td>Brilliant red, ½&quot;, persist. Good Fair Excel.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rejoice™</td>
<td>20' 18'</td>
<td>Narrow, upright oval</td>
<td>Bronze green</td>
<td>Pale rose-pink</td>
<td>Deep red, ½&quot; Excel. Good Good Excel.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sargent</td>
<td>8' 12'</td>
<td>Low, horizontally spreading dwarf</td>
<td>Dark green</td>
<td>Profuse, single, white, ½&quot;, fragrant</td>
<td>Small, ¼&quot;-½&quot;, profuse, dark red, persist. Excel.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sargent Tina</td>
<td>5' 6'</td>
<td>Small rounded dwarf tree</td>
<td>Medium green, small leaves</td>
<td>Bright red buds opening to single white flowers</td>
<td>Bright red, ¼&quot; Excel. Good Excel. Excel.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Show Time™</td>
<td>22' 20'</td>
<td>Broadly oval to rounded</td>
<td>Purple bronze to bronze green</td>
<td>Bright pinkish red</td>
<td>Red, ½&quot; Excel. Good Excel. Excel.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Snowdrift</td>
<td>20' 20'</td>
<td>Upright spreading, rounded and dense</td>
<td>Bright green, glossy</td>
<td>Buds pink, flowers single, white.</td>
<td>Orange, small, less than ½&quot;, persist. Good Fair Excel. Excel.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# Crabapple Information Chart

<table>
<thead>
<tr>
<th>Name</th>
<th>Size H</th>
<th>Size W</th>
<th>Shape</th>
<th>Foliage</th>
<th>Flower</th>
<th>Fruit</th>
<th>Scab</th>
<th>Fire-Blight</th>
<th>Cedar-Apple Rust</th>
<th>Mildew</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sparkling Sprite</td>
<td>12'</td>
<td>12'</td>
<td>Compact, dense, round</td>
<td>Bright green</td>
<td>White, opening from pink buds</td>
<td>Yellow to golden orange, 1/4”</td>
<td>Excel.</td>
<td>Excel.</td>
<td>Excel.</td>
<td>Excel.</td>
</tr>
<tr>
<td>Spring Snow</td>
<td>25'</td>
<td>22'</td>
<td>Dense, oval</td>
<td>Medium green</td>
<td>Pure white, fragrant, single</td>
<td>Nearly sterile. Excellent for patios &amp; courtyards.</td>
<td>Poor</td>
<td>Fair</td>
<td>Good</td>
<td>Excel.</td>
</tr>
<tr>
<td>Zumi Calocarpa</td>
<td>20'</td>
<td>24'</td>
<td>Rounded, gracefully spreading</td>
<td>Large green leaves, dense canopy</td>
<td>Buds red, flowers white, single, fragrant, 1/4”</td>
<td>Bright red, glossy, small, 1/4”, persistent</td>
<td>Excel.</td>
<td>Excel.</td>
<td>Excel.</td>
<td>Good</td>
</tr>
</tbody>
</table>

## 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*.

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 ‘Parrsi’
**Pink Princess™ Crabapple**
Zone: 5
Height: 8’
Spread: 12’
Shape: Low, spreading
Foliage: Purple, becoming bronze green
Flower: Rose pink
Fruit: Deep red, ¼”

**DISEASE RESISTANCE:**

**Bare Root**
¾” cal., branched
¾” cal., branched
1” cal., branched

---

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

**Container**
#7 6 foot
#10 1” caliper
#15 1¼” caliper

---

Malus ‘Prairifire’
**Prairifire Crabapple**
Zone: 4
Height: 20’
Spread: 20’
Shape: Upright, spreading
Foliage: Purple, becoming reddish green
Flower: Bright pinkish red
Fruit: Dark red, ¾” - ½”

**DISEASE RESISTANCE:**
Scab: Excel. Fireblight: Good

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

**Container**
#7 6 foot
#10 1” caliper
#15 1¼” caliper

---

Malus ‘Profusion’
**Profusion Crabapple**
Zone: 4
Height: 20’
Spread: 20’
Shape: Upright, spreading
Foliage: Purple, fading to bronze
Flower: Pink
Fruit: Maroon, ¼”, persistent

**DISEASE RESISTANCE:**
Scab: Fair Fireblight: Good
Cedar-Apple Rust: Good Mildew: Fair

**Bare Root**
7 ft., branched
1” cal., branched

**Container**
#7 6 foot
#10 1” caliper
#15 1¼” caliper
#20 1½” caliper

---

Malus ‘Purple Prince’
**Purple Prince Crabapple**
Zone: 4
Height: 20’
Spread: 20’
Shape: Rounded
Foliage: Purple, becoming bronze green
Flower: Rose red
Fruit: Maroon,

**DISEASE RESISTANCE:**
Scab: Excel. Fireblight: Good
Cedar-Apple Rust: Excel. Mildew: Good

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

**Container**
#7 6 foot
#10 1” caliper
#15 1¼” caliper
#20 1½” caliper
**Malus 'JFS KW213MX' PP 31008**

**Malus 'JFS KW213MX' PP 31008**

**Malus 'Red Barron'**

**Red Barron Crabapple**

Disease Resistance:

Bare Root
- 7 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched

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

**Malus 'Jewelcole'**

**Red Jewel™ Crabapple**

Disease Resistance:

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

**Malus 'Rejzam'**

**Rejoice™ Crabapple**

Disease Resistance:

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

Container
- #10 1" caliper

**Malus 'Royal Beauty'**

**Royal Beauty Crabapple**

Disease Resistance:

Bare Root
- #1 head
- #1 light head

Container
- #10 #1 head

**Malus 'JFS-KWS' PP 14375**

**Royal Raindrops® Crabapple**

Disease Resistance:

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

Container
- #5 5 foot
- #7 6 foot
- #10 1" caliper
- #15 1½" caliper
- #20 1¾" caliper
- #7 multi-stem
**Ruby Dayze® Crabapple**

Royalty: $2.00 | Part of the Dayze™ family of trees.

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

Container
#7 6 foot

**Sargent Tina Crabapple**

Zone: 5
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, ¼" x ½"

**DISEASE RESISTANCE:**
Scab: Excel. Fireblight: Good

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

**Snow Crystal™ Crabapple**

Royalty: $2.00

**DISEASE RESISTANCE:**

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

Container
#7 6 foot

**Malus sargentii 'Tina’**

Sargent Tina Crabapple

Zone: 5
Height: 5'
Spread: 6'
Shape: Upright, tightly oval
Foliage: Purple red, becoming bronze
Fall Color: Orange-red
Flower: Bright magenta-pink
Fruit: Deep red, ¼" persistent

**DISEASE RESISTANCE:**
Scab: Excel. Fireblight: Good

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

**Snowdrift’ Crabapple**

Royalty: $2.00 | Part of the Sprite™ family of trees.

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

**Sparking Sprite® Crabapple**

Royalty: $2.00 | Part of the Sprite™ family of trees.

Bare Root
4' graft, #1 light head
4' graft, #1 head
4' graft, Heavy Select

Container
#15 4' graft, #1 head
#15 ................... 4' graft, heavy select
Fragrant clouds of long lasting flowers smother the densely branched, naturally topiary-shaped canopy of this carefree tree. Tiny fruits attract songbirds and last well into winter.

**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  
- 1⅛ cal., branched  
- 1¾ cal., branched

**Container**

- 3RP VigorLiner®  
- 3VL VigorLiner®  
- 3RP 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®  
- 3RP 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

**Container**

- 3VL VigorLiner®  
- 3RP VigorLiner®

**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  
- 1⅛ cal., branched  
- 1¾ cal., branched

**Container**

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

**Malus ‘Sutyzam’**

**Sugar Tyme® Crabapple**

Royalty $.80  
Zone: 4  
Height: 18'  
Spread: 15'  
Shape: Upright, spreading, oval  
Foliage: Green  
Flower: White  
Fruit: Red, 1⅛", persistent

**DISEASE RESISTANCE:**  
- Scab: Good  
- Fireblight: Good  
- Cedar-Apple Rust: Excel.  
- Mildew: Excel.

**Bare Root**

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

**Container**

- 3RP VigorLiner®  
- 3VL VigorLiner®  
- 3RP VigorLiner®

**Malus × zumi ‘Calocarpa’**

**Zumi Calocarpa Crabapple**

Zone: 5  
Height: 20'  
Spread: 24'  
Shape: Rounded, gracefully spreading  
Foliage: Green  
Flower: Red buds, white flowers  
Fruit: Red, ¾", persistent

**DISEASE RESISTANCE:**  
- Scab: Excel.  
- Fireblight: Excel.  
- Cedar-Apple Rust: Excel.  
- Mildew: Good

**Bare Root**

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

**Container**

- 3VL VigorLiner®  
- 3RP VigorLiner®

**Discount Opportunities**

Please note that container and VigorLiner® orders qualify for different discounts than bare root, B & B, and root bag orders. See page 87 for details.
**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
- 1½" caliper
- 1¾" caliper

**Container**

- 3RP VigorLiner®

---

**Nyssa sylvatica 'JFS-red' PP 26975**

**Firestarter® Tupelo**

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

**B & B**

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

**Container**

- 3RP VigorLiner®
- 3VL VigorLiner®
- #7 6 foot
- #20 1" caliper
- #25 1½" caliper

---

**Nyssa sylvatica 'Haymanred'**

**Red Rage® Tupelo**

- **Zone:** 5
- **Height:** 35’
- **Spread:** 20’
- **Shape:** Broadly pyramidal
- **Foliage:** Dark green, glossy
- **Fall Color:** Bright red
- **Fruit:** Seedless

**DISEASE RESISTANCE:** Leaf spot

**B & B**

- 1" caliper
- 1¾" caliper

**Container**

- 3VL VigorLiner®
- 3RP VigorLiner®
- #15 1" caliper
- #15 1½" caliper

---

**Nyssa sylvatica 'NSUHN' PP 22951**

**Green Gable™ Tupelo**

- **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**

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

**Container**

- 3RP VigorLiner®
- 3VL VigorLiner®
- #7 6 foot
- #20 1½" caliper

---

**Nyssa sylvatica 'JFS-PN Legacy1'**

**Gum Drop® Tupelo**

- **Zone:** 5
- **Height:** 30’
- **Spread:** 20’
- **Shape:** Upright oval
- **Foliage:** Dark green, glossy
- **Fall Color:** Bright red
- **Fruit:** Seedless

**B & B**

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

**Container**

- 3VL VigorLiner®
- 3RP VigorLiner®
- #7 6 foot
- #20 1¾" caliper

---

**Nyssa sylvatica 'David Odom'**

**Afterburner® Tupelo**

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

**B & B**

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

**Container**

- 3VL VigorLiner®
- 3RP VigorLiner®
- #20 1" caliper
- #25 1½" caliper

---

**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
- 1½" caliper
- 1¾" caliper

**Container**

- 3VL VigorLiner®
- 3RP VigorLiner®
- #7 6 foot
- #20 1½" caliper
**Ostrya (Hophornbeam)**

_Ostrya virginiana ‘JFS-KW5’_

**Autumn Treasure® Hophornbeam**

Royalty: $1.75

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

- **Container**
  - #10 6 foot

---

**Oxydendrum (Sourwood)**

_Oxydendrum arboreum_

**Sourwood**

- **Zone:** 5
- **Height:** 20'
- **Spread:** 15'
- **Shape:** Columnar to upright oval
- **Foliage:** Dark green, finely textured
- **Fall Color:** Orange, red, yellow, and burgundy
- **Flower:** Showy red stamens

- **B & B**
  - 1" caliper
  - 1½" caliper

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

---

**Parrotia**

_Parrotia persica ‘JLColumnar’ PP 24951_

**Persian Spire™ Parrotia**

Royalty: $0.85

- **Bare Root**
  - 5 ft., branched
  - 6 ft., branched
  - 1½" caliper

- **Container**
  - 3VL VigorLiner®
    - #7 6 foot
    - #10 1½" caliper

---

**Phellodendron (Cork Tree)**

_Phellodendron amurense ‘Longenecker’_

**Eye Stopper™ Cork Tree**

Royalty: $1.00

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

---

**Phellodendron**

_Phellodendron amurense ‘Eye Stopper’_

**Eye Stopper™ Cork Tree**

Royalty: $1.00

- **Bare Root**
  - 3 ft., whip
  - 4 ft., whip
  - 5 ft., whip
  - 6 ft., whip
**Pinus (Pine)**

*Pinus nigra*  
**Austrian Pine**

- **Zone:** 4
- **Height:** 55’
- **Spread:** 30’
- **Shape:** Broadly pyramidal to rounded
- **Foliage:** Dark green needles, in pairs

---

*Pinus strobus*  
**Weeping White Pine**

- **Zone:** 4
- **Height:** 10’
- **Spread:** 10’
- **Shape:** Weeping
- **Foliage:** Soft blue-green needles

**B & B**
- 6 foot
- 7 foot

---

*Pistache***

*Pistacia chinensis*  
**Chinese Pistache**

- **Zone:** 6
- **Height:** 30’
- **Spread:** 30’
- **Shape:** Rounded
- **Foliage:** Dark green, pinnately compound
- **Fall Color:** Orange-red

---

*Platanus (Planetree)**

*Platanus × 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

**Bare Root**
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 5 ft., branched
- 6 ft., branched
- 1” cal., branched
- 1½” cal., branched
- 1¾” cal., branched
- 1½” cal., branched
- 2” cal., branched
- 2½” cal., branched

**Container**
- #7 6 foot
- #15 1¼” caliper
- #20 1¼” caliper
- #25 1½” caliper

---

**Prairie Gold® Aspen**

*Platanus × acerifolia* ‘Morton Circle’  
**Exclamation!® Planetree**

- **Zone:** 5
- **Height:** 55’
- **Spread:** 35’
- **Shape:** Upright pyramidal
- **Foliage:** Medium 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
- 1½” cal., branched
- 1¾” cal., branched
- 2” cal., branched
- 2½” cal., branched

**Container**
- #7 6 foot
- #15 1¼” caliper
- #20 1¼” caliper
- #25 1½” caliper

---

*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

---

**Container**
- #7 6 foot
- #15 1¼” caliper
- #20 1¼” caliper
- #25 1½” caliper

---

*Platanus × acerifolia* ‘Bloodgood’  
**Exclamation!® Planetree**

- **Zone:** 4
- **Height:** 55’
- **Spread:** 30’
- **Shape:** Round
- **Foliage:** Dark green, in pairs

**B & B**
- 6 foot
- 7 foot

---

**Container**
- #15 30 inch
- #20 3 foot
- #15 4 foot
- #25 4 foot
- #20 5 foot

---

**Pinus strobos ‘Pendula’**  
**Weeping White Pine**

- **Zone:** 4
- **Height:** 30’
- **Spread:** 10’
- **Shape:** Columnar, fastigiate
- **Foliage:** Bluish green needles

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

---

**Pistachoe**

*Pistacia chinensis*  
**Chinese Pistache**

- **Zone:** 6
- **Height:** 30’
- **Spread:** 30’
- **Shape:** Rounded
- **Foliage:** Dark green, pinnately compound
- **Fall Color:** Orange-red

**B & B**
- 3RP VigorLiner®

---

**Bare Root**
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 6 ft., branched
- 1” cal., branched
- 1½” cal., branched
- 1¾” cal., branched
- 2” cal., branched
- 2½” cal., branched

**Container**
- #7 6 foot
- #15 1¼” caliper
- #20 1¼” caliper
- #25 1½” caliper
**Populus** (Aspen)

**Populus tremuloides**

**Quaking Aspen**

Zone: 3  
Height: 30'  
Spread: 15'  
Shape: Narrow oval to pyramidal  
Foliage: Green, trembles in breeze  
Fall Color: Golden yellow

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

**Container**
#5 5 foot  
#7 6 foot  
#10 1" caliper  
#15 1 1/2" caliper  
#20 1 1/4" caliper  
#25 1 1/2" caliper  
#5 clump  
#7 clump  
#10 clump  
#15 8 foot, clump  
#20 9 foot, clump  
#25 10 foot, clump

---

**Populus tremuloides 'NE-Arb'**

**Prairie Gold® Aspen**  
Royalty $1.50

Zone: 4  
Height: 40'  
Spread: 15'  
Shape: Narrow oval to pyramidal  
Foliage: Green, trembles in breeze  
Fall Color: Golden yellow

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

**Container**
#5 6 foot  
#10 1" caliper  
#15 1 1/4" caliper  
3RP VigorLiner®, clump  
#5 clump  
#7 clump  
#10 clump

---

**Populus tremula 'Erecta'**

**Swedish Columnar Aspen**

Zone: 2  
Height: 40'  
Spread: Very narrow, fastigiate  
Foliage: Green, trembles in breeze

**Bare Root**
3 ft., whip  
4 ft., whip  
5 ft., whip  
3 ft., branched  
4 ft., branched  
5 ft., branched  
6 ft., branched  
1" cal., branched  
1 1/4" cal., branched  
1 1/2" cal., branched  
1 1/4" cal., branched  
1 1/2" cal., branched

**Container**
#5 5 foot  
#7 6 foot  
#10 1" caliper  
#15 1 1/4" caliper  
#20 1 1/2" caliper  
#25 1 1/4" caliper

---

**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, fastigiate  
Foliage: Green, trembles in breeze  
Fall Color: Yellow

**Bare Root**
6 ft., whip  
7 ft., whip  
8 ft., whip  
6 ft., branched  
1" cal., branched  
1 1/4" cal., branched  
1 1/2" cal., branched

**Container**
#10 1" caliper  
#15 1 1/2" caliper

---

**Populus sargentii 'Jeronimus'**

**Jeronimus Cottonwood**

Zone: 3  
Height: 60'  
Spread: 40'  
Shape: Upright oval, rounded with age  
Foliage: Light green  
Fall Color: Yellow  
Seed: None (cottonless)

**Bare Root**
7 ft., whip

**Container**
#7 6 foot  
#10 1" caliper  
#15 1 1/4" caliper  
#20 1 1/2" caliper
### Populus (Poplar)

**Populus deltoides ‘Siouxland’**

**Siouxland Poplar**

- Zone: 2
- Height: 75’
- Spread: 35’
- Shape: Oval
- Foliage: Medium green
- Fall Color: Yellow
- Fruit: None (cottonless)

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

**Container**
- #5  5 foot
- #7  6 foot
- #10  1" caliper
- #15  1 1/4" caliper

### Prunus (Less Common Species)

**Prunus padus ‘Drietree’**

**Merlot® Bird Cherry**

- Zone: 3
- Height: 30’
- Spread: 18’
- Shape: Upright oval
- Foliage: Leaves emerge green, turn purple in summer
- Fall Color: Red to reddish purple
- Flower: White, in 4” long drooping clusters

**Bare Root**
- 7 ft., branched
- 1’ cal., branched
- 1 1/4’ cal., branched

### Prunus (Apricot)

**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**
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 7 ft., branched
- 1’ cal., branched
- 1 1/4’ cal., branched
- 1 1/2’ cal., branched

**Container**
- #10  1” caliper
- #15  1 1/2” caliper

### Prunus (Cherry)

**Prunus virginiana ‘Canada Red’**

**Canada Red Improved Chokecherry**

- Zone: 2
- Height: 25’
- Spread: 22’
- Shape: Upright spreading with slender branches
- Foliage: Medium green
- Fall Color: Red to reddish purple
- Flower: Small white, in long clusters

**Bare Root**
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 7 ft., branched
- 1’ cal., branched
- 1 1/4’ cal., branched
- 1 1/2’ cal., branched

**Container**
- #5  5 foot
- #7  6 foot
- #10  1” caliper
- #15  1 1/4” caliper
- #20  1 1/2” 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**
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 7 ft., 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

### For more information on our fruit trees, including rootstocks, see page 79 or visit www.jfschmidt.com/fruit
**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**  
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 head  
5' graft, #1 light head  
**Container**  
#15 5' graft, #1 head  
#15 6' 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: Yellow-orange to orange-red  
Flower: Small, clear pink, profuse

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

**Container**  
#5 5 foot  
#7 6 foot  
#20 1½" caliper  
#25 1¾" caliper  
#25 2" 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**  
5 ft., whip  
6 ft., whip  
7 ft., whip  
6 ft., branched  
7 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
5' graft, #1 head  
5' graft, #1 light head

**Container**  
#5 5 foot  
#15 1½" caliper  
#20 1¾" caliper  
#25 2" caliper

---

**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: Double, pink

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

**Container**  
#5 5 foot  
#7 6 foot  
#20 1½" caliper  
#25 1¾" caliper  
#25 2" caliper

---

**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" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched

**Container**  
#5 5 foot  
#15 5' graft, #1 head  
#20 5' graft, #1 head  
#25 5' graft, #1 head
Prunus serrulata ‘Royal Burgundy’
Royal Burgundy Cherry

Zone: 5
Height: 20’
Spread: 15’
Shape: Upright
Foliage: Deep purple
Fall Color: Bronze-purple
Flower: Double, magenta-pink
Fruit: Seedless

Bare Root
5 ft., branched
6 ft., branched
7 ft., branched
1” cal., branched
1 ¼” cal., branched
1 ½” cal., branched

Container
#15 1¼” caliper
#20 1½” caliper

Prunus × ‘Snofozam’
Snow Fountains® Cherry

Zone: 5
Height: 12’
Spread: 12’
Shape: Weeping
Foliage: Small, dark green leaves
Fall Color: Golden to orange
Flower: White

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

Container
#5 5 foot
#7 6 foot
#15 5’ graft, #1 head

Prunus sargentii
Sargent Cherry

Zone: 4
Height: 30’
Spread: 30’
Shape: Upright, spreading branches, rounded crown
Foliage: Dark green
Fall Color: Orange to orange-red
Flower: Single pink, in clusters

Bare Root
7 ft., branched
1” cal., branched

Container
#15 1¼” caliper
#20 1½” caliper

Prunus sargentii ‘JFS-KW58’
Pink Flair® Cherry

Royalty $1.50

Zones: 3b
Height: 25’
Spread: 15’
Shape: Upright narrow vase
Foliage: Dark green
Fall Color: Orange-red
Flower: Single pink, in clusters

Bare Root
6 ft., branched
7 ft., branched
1” cal., branched
1 ¼” cal., branched
1 ½” cal., branched
1 ¾” cal., branched

Container
3RP VigorLiner®
#10 1” caliper
#15 1 ¼” caliper
#20 1 ½” caliper
#25 1 ¾” caliper

Prunus sargentii ‘JFS KW21PS’ PP 32619
Pink Myst® Cherry

Royalty: $1.75

Zones: 4
Height: 30’
Spread: 30’
Shape: Upright oval
Foliage: Upright, spreading branches
Foliage: Dark green
Fall Color: Orange to orange-red
Flower: Single pink, in clusters

Bare Root
7 ft., branched
1” cal., branched

Container
#15 1 ¼” caliper
#20 1 ½” caliper

Prunus ×sargentii
‘Royal Burgundy’

Bare Root
5 ft., branched
6 ft., branched
7 ft., branched
1” cal., branched
1 ¼” cal., branched
1 ½” cal., branched

Container
#15 1 ¼” caliper
#20 1 ½” caliper

Bright pink flowers, darker in color than other Sargent Cherry blooms, smother the branches of this unique cultivar. Rich, dark green summer foliage turns to lovely shades of orange and red in autumn. It is also narrower and more upright in form than is typical of the species.

Bare Root
1” cal., branched
1 ¼” cal., branched
1 ½” cal., branched
1 ¾” cal., branched

Container
#15 1 ¼” caliper
#20 1 ½” caliper

Prunus (Nectarine)

Fantasia, Flavortop
Container
#7

Heavenly White
Container
#7

Arctic Babe
Container
#7

Prunus (NectaPlum®)

Spice Zee
Container
#7

Elberta, Frost™, Redhaven, Reliance
Container
#7

Bonanza Miniature, Bonfire Miniature, Contender, Veteran
Container
#7

Pix Zee Miniature, Snow Beauty
Container
#7

Prunus (Peach)

Elberta, Frost™, Redhaven, Reliance
Container
#7

Bonanza Miniature, Bonfire Miniature, Contender, Veteran
Container
#7

Pix Zee Miniature, Snow Beauty
Container
#7
Prunus x 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
5 ft., whip
6 ft., whip
7 ft., whip
1" cal., branched
1⅛" cal., branched
1⅛" cal., branched

Container
#7 6 foot
#20 1½" caliper
#25 1¾" caliper

Prunus (Purple Leaf Plum)

Prunus × cistena ‘Schmidtcis’
Big Cis® Plum
Royalty $1.25

Zone: 4
Height: 14'
Spread: 12'
Shape: Rounded, dense
Foliage: Purple
Flower: Light pink, very fragrant

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

Container
#5 5 foot
#7 6 foot
#10 1" caliper
#15 1¼" caliper
#20 1½" caliper

Prunus (Pluerry®)

Prunus ‘Frankthrees’
Mt. St. Helens® Plum
Royalty $1.25

Zone: 4
Height: 20'
Spread: 20'
Shape: Upright spreading, rounded
Foliage: Dark purple
Flower: Light pink

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

Container
#7 6 foot
#15 1¼" caliper
#20 1½" caliper
#25 1¾" caliper

Prunus (Pluot®)

Flavor King

Container
#7

Dapple Dandy

Container
#7

Prunus (Plum)

Superior

Container
#7

Santa Rosa, Satsuma

Container
#7

Elephant Heart

Container
#7

Prunus (Prune)

Stanley

Container
#7

Italian

Container
#7

For more information on our fruit trees, including rootstocks, see page 79 or visit www.jfschmidt.com/fruit
**Prunus**

Purple Leaf 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**
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 8 ft., whip
- 7 ft., branched
- 1” cal., branched
- 1¼” cal., branched
- 1½” cal., branched
- 1¾” cal., branched

**Container**
- #5 5 foot
- #7 6 foot
- #10 1” caliper
- #20 1¼” caliper
- #25 1½” caliper
- #25 2” caliper

**Pyrus (Flowering Pear)**

**Pyrus calleryana ‘Aristocrat’**

**Aristocrat® Pear**

- **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**
- 4 ft., whip
- 5 ft., whip
- 6 ft., whip
- 6 ft., branched
- 1” cal., branched

**Container**
- #5 5 foot
- #7 6 foot
- #10 1” caliper
- #15 1¼” caliper
- #20 1½” caliper
- #25 1¾” 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**
- 5 ft., branched
- 6 ft., branched
- 1” cal., branched

**Container**
- #15 1¼” caliper

**Pyrus × triploida ‘NCPX2’ P.A.F.**

**Chastity® Pear**

- **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**
- 5 ft., branched
- 6 ft., branched
- 1” cal., branched

**Container**
- #10 1” caliper
- #15 1¼” caliper

**Discount Opportunities**

Please note that container and VigorLiner® orders qualify for different discounts than bare root, B&B, and root bag orders. See page 87 for details.

For more information on our fruit trees, including rootstocks, see page 79 or visit www.jfschmidt.com/fruit
**Quercus (Oak)**

**Pyrus calleryana ‘Jaczam’ Jack® Pear**
Royalty $0.95

- **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**
- #10 6 foot
- #10 1” caliper
- #15 1¼” caliper
- #20 1½” caliper

**Pyrus ‘NCPX1’ PP 26539 Javelin® Pear**
Royalty: $1.50

- **Zone:** 5
- **Height:** 35’
- ** Spread:** 10’
- **Shape:** Fastigiate, 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**
- 5 ft., whip
- 6 ft., whip
- 6 ft., branched
- 1” cal., branched
- 1¼” cal., branched
- 1½” cal., branched

**Container**
- #10 1” caliper
- #15 1¼” caliper
- #20 1½” caliper
- #25 1¼” caliper, low branch

**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**
- 5 ft., whip
- 6 ft., whip
- 7 ft., whip
- 6 ft., branched
- 1” cal., branched
- 1¼” cal., branched
- 1½” cal., branched

**Root Bag**
- 6 ft., whip
- 7 ft., whip
- 5 ft., branched
- 6 ft., branched
- 1” cal., branched

**Container**
- 3RP VigorLiner®
- 5RP VigorLiner®
- 5 foot
- 6 foot
- #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**
- 3 ft., whip
- 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**
- 5 ft., branched
- 6 ft., branched

**Container**
- 3RP VigorLiner®
- 10 1” caliper
- 15 1¼” caliper
**Quercus bicolor** 'Bonnie and Mike'

**Beacon Oak**

*Royalty: $2.00*

- **Zone:** 4
- **Height:** 40’
- **Spread:** 15’
- **Shape:** Narrowly columnar
- **Foliage:** Green
- **Fall Color:** Yellow

**Swamp White Oak**

**Zone:** 4

- **Height:** 45’
- **Spread:** 45’
- **Shape:** Rounded, open
- **Fall Color:** Yellow brown to reddish

**Quercus bicolor**

**Zone:** 4

- **Height:** 45’
- **Spread:** 45’
- **Shape:** Rounded, open
- **Foliage:** Green with wavy margins
- **Fall Color:** Yellow brown to reddish

**Quercus × bimundorum** 'Midwest'

**Prairie Stature Oak**

*Royalty: $.95*

- **Zone:** 3
- **Height:** 50’
- **Shape:** Upright spreading, open, broadly oval
- **Foliage:** Dark green, glossy
- **Fall Color:** Yellow-orange to red

**Quercus gambelii**

**Gambel Oak**

*Royalty $1.75*

- **Zone:** 5
- **Height:** 25’
- **Spread:** 25’
- **Shape:** Rounded
- **Foliage:** Dark green
- **Fall Color:** Yellow orange to orange red

**Quercus imbricaria**

**Shingle Oak**

*Royalty: $.95*

- **Zone:** 5
- **Height:** 50’
- **Spread:** 40’
- **Shape:** Broadly oval
- **Foliage:** Dark green, glossy
- **Fall Color:** Yellow to rusty red

**Quercus ellipsoidalis**

**Northern Pin Oak**

*Royalty: $.95*

- **Zone:** 4
- **Height:** 55’
- **Spread:** 40’
- **Shape:** Broadly pyramidal
- **Foliage:** Dark green
- **Fall Color:** Red

**Quercus frainetto**

**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
Quercus × macdanielii ‘Clemens’
**Heritage® Oak**

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

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

**Container**
- 3RP VigorLiner®
- 5RP VigorLiner®
- 7RP VigorLiner®
- #7 6 foot
- #10 1" caliper
- #15 1¼" 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
- 1½" cal., branched
- 1¾" cal., branched

**Root Bag**
- 3 ft., branched
- 4 ft., branched
- 5 ft., branched
- 6 ft., branched

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

---

**Quercus macrocarpa ‘JFS-KW14’**

**Cobblestone® Oak**

- **Zone:** 3
- **Height:** 55'
- **Spread:** 25'
- **Shape:** Narrow, pyramidal to oval
- **Foliage:** Dark green, glossy
- **Fall Color:** Yellow
- **Fruit:** Small acorn

**Bare Root**
- 9 ft., whip
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched
- 1¾" cal., branched

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

**Container**
- 3RP VigorLiner®
- 5RP VigorLiner®
- #7 6 foot
- #10 1" caliper

---

**Quercus macrocarpa ‘JFS-KW3’ PP 22815**

**Urban Pinnacle® Oak**

- **Zone:** 3
- **Height:** 55'
- **Spread:** 25'
- **Shape:** Narrow, pyramidal to oval
- **Foliage:** Dark green, glossy
- **Fall Color:** Yellow

**Bare Root**
- 9 ft., whip
- 6 ft., branched
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched
- 1¾" cal., branched

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

**Container**
- 3RP VigorLiner®
- 5RP VigorLiner®
- #7 6 foot
- #10 1" caliper

---

**Quercus montana (formerly Q. prinus)**

**Chestnut Oak**

- **Zone:** 4
- **Height:** 50'
- **Spread:** 40'
- **Shape:** Broadly oval
- **Foliage:** Green with wavy margins
- **Fall Color:** Orange yellow to reddish brown

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

**Root Bag**
- 1" cal., branched
- 1¼" cal., branched
- 1½" cal., branched

**Container**
- #7 6 foot
**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  
1¾" cal., branched

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

**Container**  
3RP VigorLiner®  
#7 6 foot  
#10 1" caliper  
#15 1¼" caliper  
#25 1¾" 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  
6 ft., branched  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched  
1¾" cal., branched

**Container**  
#5 5 foot  
#15 1¼" caliper

---

**Quercus phellos**

**Willow Oak**

Zone: 6  
Height: 50'  
Spread: 35'  
Shape: Pyramidal when young, becoming rounded  
Foliage: Medium green, narrow  
Fall Color: Yellow-orange to rusty red

**Container**  
3RP VigorLiner®

---

**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**  
3RP VigorLiner®

---

**Quercus robur × alba ‘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., branched  
5 ft., branched  
6 ft., branched  
7 ft., branched  
5 ft., branched  
6 ft., branched  
1" cal., branched  
1¼" cal., branched

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

**Container**  
3VL VigorLiner®  
3RP VigorLiner®  
5RP VigorLiner®  
#5 5 foot  
#7 6 foot  
#10 6 foot  
#10 1" caliper  
#15 1¼" caliper  
#20 1½" caliper  
#25 1¾" caliper
**Quercus robur x alba ‘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**  
3 ft., whip  
4 ft., whip  
5 ft., whip  
6 ft., whip  
7 ft., whip  
5 ft., branched  
6 ft., branched  
1" cal., branched

**Root Bag**  
1" cal., branched  
1¼" cal., branched  
1½" cal., branched

**Container**  
3VL VigorLiner®  
3RP VigorLiner®  
5RP VigorLiner®  
#7 6 foot  
#15 1½" caliper  
#20 1¾" caliper  
#25 1½" caliper

---

**Quercus robur x bicolor ‘Nadler’ PP 17604**

**Kindred Spirit® Oak**

**Royalty:** $1.50

**Zone:** 4  
**Height:** 30'  
**Spread:** 6'  
**Shape:** Tightly columnar  
**Foliage:** Medium green  
**Fall Color:** Yellow to yellow-brown

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

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

---

**Quercus robur x alba ‘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**  
3 ft., whip  
4 ft., whip  
5 ft., whip  
5 ft., branched  
6 ft., branched  
1¼" cal., branched

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

**Container**  
3RP VigorLiner®  
#7 6 foot  
#15 1½" caliper  
#20 1¾" caliper  
#25 1½" caliper

---

**Quercus robur x 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**  
6 ft., branched  
1" cal., branched  
1½" cal., branched  
1¾" cal., branched  
2" cal., branched

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

**Container**  
3RP VigorLiner®  
#10 1" caliper  
#20 1½" caliper  
#25 1¾" caliper

---

**Quercus rubra**

**Red Oak**

**Royalty:**

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

**Container**  
3VL VigorLiner®  
3RP VigorLiner®  
5RP VigorLiner®  
7RP VigorLiner®  
#7 6 foot  
#10 6 foot  
#10 1" caliper  
#15 1¼" caliper  
#25 1½" 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

Quercus velutina
Northern Black Oak

Zone: 4
Height: 50'
Spread: 45'
Shape: Oval to rounded
Foliage: Dark green
Fall Color: Rusty red

Bare Root
5 ft., whip
6 ft., whip
7 ft., whip
Container
#5 5 foot
#7 6 foot
#15 1¾" caliper

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 5 foot

Salix (Willow)

Salix alba ‘Trostis’
Golden Weeping Willow

Zone: 3
Height: 40'
Spread: 60'
Shape: Broadly weeping
Foliage: Light green
Fall Color: Yellow

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

Salix ‘Prairie Cascade’
Prairie Cascade Weeping Willow

Zone: 3
Height: 30'
Spread: 40'
Shape: Weeping
Foliage: Dark green, very glossy

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

Sophora japonica ‘Halka’
Millstone™ Japanese Pagodatree
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
3RP VigorLiner®

Sassafras albidum
Sassafras

Zone: 4
Height: 40'
Spread: 30'
Shape: Irregular pyramid
Foliage: Green, lobed
Fall Color: Bright red

Container
3RP VigorLiner®

Sophora (syn. Styphnolobium)
(Pagodatree)

Sassafras

Sassafras albidum

Zone: 4
Height: 40'
Spread: 30'
Shape: Irregular pyramid
Foliage: Green, lobed
Fall Color: Bright red

Container
3RP VigorLiner®

Sorbus (Mountain Ash)

Sorbus aucuparia

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 5 foot

Discount Opportunities
Please note that container and VigorLiner® orders qualify for different
discounts than bare root, B & B, and root bag orders. See page 87 for details.
**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

**B & B**

5 foot  
6 foot  
1" caliper  
1¼" caliper

**Container**

3RP VigorLiner®

---

*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 6 foot  
#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., branched  
1" cal., branched  
1¼" cal., branched

**Container**

#15 1¼" caliper

---

**Styrax (Snowbell)**

*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**

5 foot  
6 foot  
1" caliper  
1¼" caliper

**Container**

3RP VigorLiner®

---

*Styrax japonicus 'JLWeeping' PP 23755*

**Marley’s Pink™ Snowbell**

Royalty: $1.00

Zone: 5  
Height: 8'  
Spread: 8'  
Shape: Weeping  
Foliage: Dark green  
Fall Color: Yellow  
Flower: Pink, bell shaped

**Bare Root**

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

**Container**

3RP VigorLiner®  
#7 6 foot  
#10 6 foot  
#15 1¼" caliper  
#20 1½" caliper

---

*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

**B & B**

6 foot  
1" caliper  
1¼" caliper

**Container**

3RP VigorLiner®  
#7 6 foot  
#10 6 foot  
#15 1¼" caliper  
#20 1½" caliper

---

*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**

5 foot  
6 foot  
1" caliper  
1¼" caliper

**Container**

3RP VigorLiner®

---

*Styrax japonicus ‘JLWeeping’ PP 23755*

**Marley’s Pink™ Snowbell**

Royalty: $1.00

Zone: 5  
Height: 8'  
Spread: 8'  
Shape: Weeping  
Foliage: Dark green  
Fall Color: Yellow  
Flower: Pink, bell shaped

**Bare Root**

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

**Container**

3RP VigorLiner®  
#7 6 foot  
#10 6 foot  
#15 1¼" caliper  
#20 1½" caliper

---

*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

**B & B**

6 foot  
1" caliper  
1¼" caliper

**Container**

3RP VigorLiner®  
#7 6 foot  
#10 6 foot  
#15 1¼" caliper  
#20 1½" 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
- 5 ft., branched
- 6 ft., branched
- 7 ft., branched
- 1” cal., branched
- 5 ft., branched, high head
- 6 ft., branched, high head
- 7 ft., branched, high head

### B & B
- 6 foot
  - 1” caliper
  - 11/4” caliper
  - 11/2” caliper

### Container
- 3RP VigorLiner®
- #10 6 foot
- #15 11/4” caliper
- #25 11/2” caliper

---

**Styrax japonicus ‘JFS 6SJ’**

Nightfall™ Snowbell

Royalty: $2.50

Zone: 5
Height: 8’
Spread: 6’
Shape: Weeping
Foliage: Dark purple
Flower: White

A cascade of dark purple leaves tumble from the branches of this elegant weeping tree. The dense, dark, refined foliage sets a lush, high-contrast backdrop for white buds of late spring that open to creamy white, bell-shaped flowers. Bare branches etch a graceful waterfall in the winter landscape.

### Bare Root
- 3 ft., whip
- 4 ft., whip
- 5 ft., whip
- #1 head
- #1 light head

**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

### Bare Root
- 7 ft., branched
- 1” cal., branched

### Container
- 3VL VigorLiner®

---

**Syringa (Lilac - Tree Form)**

**Syringa ‘SMSJBP7’ PP 26549**

Bloomerang® Dark Purple Lilac

Royalty: $1.50

Zone: 3a
Height: 8’
Spread: 5’
Shape: Rounded
Foliage: Green
Fall Color: Yellow
Flower: Dark purple, fragrant

### Bare Root
- 4’ graft, #1 light head
- 4’ graft, #1 head

### Container
- #7 multi-stem
- #7 4’ 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
- 5 ft., branched
- 6 ft., branched
- 7 ft., branched

### Container
- #10 6 foot
**Syringa reticulata 'Ivory Silk'**  
**Ivory Silk® Japanese Tree Lilac**  
Royalty: $3.50

- **Zone:** 4  
- **Height:** 20'  
- **Spread:** 15'  
- **Shape:** Upright spreading becoming rounded  
- **Foliage:** Dark green  
- **Fall Color:** Golden yellow  
- **Flower:** Creamy white panicles

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

**Container**  
- #7 6 foot  
- #10 1½" caliper  
- #15 1¾" caliper  
- #20 2 foot, multi-stem  
- #25 2 foot, multi-stem

---

**Syringa pekinensis 'Morton'**  
**China Snow® Tree Lilac**  
Royalty: $0.60

- **Zone:** 5  
- **Height:** 20'  
- **Spread:** 15'  
- **Shape:** Upright spreading  
- **Foliage:** Dark green  
- **Fall Color:** Yellow  
- **Flower:** Creamy white clusters

**Bare Root**  
- 6 ft., branched  
- 7 ft., branched  
- 1½" cal. branched  
- 1¾" cal. branched  
- 2 foot, multi-stem  
- 3 foot, multi-stem  
- 4 foot, multi-stem  
- 5 foot, multi-stem

**Container**  
- #7 6 foot  
- #10 1½" caliper  
- #15 1¾" caliper  
- #20 1½" caliper  
- #25 1¾" caliper  
- #10 multi-stem

---

**Syringa pekinensis 'WFH2' P.A.F.**  
**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**  
- 6 ft., branched  
- 7 ft., branched  
- 1½" cal. branched  
- 1¾" cal. branched  
- 2 foot, multi-stem  
- 3 foot, multi-stem  
- 4 foot, multi-stem  
- 5 foot, multi-stem

**Container**  
- #7 6 foot  
- #10 1½" caliper  
- #15 1¾" caliper  
- #20 1¾" caliper  
- #25 2 foot, multi-stem  
- #10 multi-stem

---

**Taxodium distichum**  
**Bald Cypress**  
Royalty: $0.00

- **Zone:** 5  
- **Height:** 55'  
- **Spread:** 30'  
- **Shape:** Pyramidal  
- **Foliage:** Medium green, deciduous conifer  
- **Fall Color:** Rusty orange

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

**Container**  
- 3VL VigorLiner®  
- 3RP VigorLiner®

---

**Taxodium distichum 'JFS-SGPN'**  
**Green Whisper® Bald Cypress**  
Royalty: $1.50

- **Zone:** 5  
- **Height:** 55'  
- **Spread:** 30'  
- **Shape:** Pyramidal  
- **Foliage:** Dark green, deciduous conifer  
- **Fall Color:** Golden yellow  
- **Flower:** Creamy white panicles

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

**Container**  
- 3RP VigorLiner®
**Shawnee Brave™ Bald Cypress**

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

**Tilia americana**

*American Linden — Less Common Cultivars*

**Shawnee Brave™ Bald Cypress**

*Taxodium distichum* ‘Mickelson’
Royalty $.85

Zone: 5
Height: 55’
Spread: 20’
Shape: Narrowly pyramidal
Foliage: Green, deciduous needles
Fall Color: Rusty orange

Bare Root
6 ft., branched
1” cal., branched

**Tilia × euchlora**

Crimean Linden

Zone: 5
Height: 40’
Spread: 35’
Shape: Broadly pyramidal to oval
Foliage: Glossy medium green
Fall Color: Yellow

Bare Root
6 ft., branched
1” cal., branched

**Tilia × flavescens ‘Glenleven’**

Glenleven Linden

Zone: 3
Height: 50’
Spread: 30’
Shape: Pyramidal
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
1½” cal., branched
1½” cal., branched

**Tilia tomentosa**

Green Mountain® Linden
Royalty $.50

Zone: 5
Height: 45’
Spread: 35’
Shape: Broadly pyramidal
Foliage: Dark green with silvery-white undersurface
Fall Color: Yellow

Bare Root
5 ft., whip
6 ft., whip
7 ft., whip
6 ft., branched
1” cal., branched
1¼” cal., branched
1½” 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

Bare Root
5 ft., whip
6 ft., whip
7 ft., whip
6 ft., branched
1” cal., branched
1½” cal., branched
1½” cal., branched
1½” cal., branched

**Tilia americana**

*American Linden*

**Tilia americana** ‘McKSentry’
American Sentry® Linden
Royalty $.75

Zone: 3
Height: 45’
Spread: 30’
Shape: Pyramidal, symmetrical
Foliage: Medium green
Fall Color: Yellow

Bare Root
6 ft., branched
1” cal., branched
1¼” cal., branched

**Tilia americana** ‘Boulevard’
Boulevard Linden
Royalty: $1.50

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
1” cal., branched
1¼” cal., branched

**Tilia montana**

‘PNI 6051’
Greenfeather® Pond Cypress
Royalty: $1.50

Zone: 5
Height: 50’
Spread: 30’
Shape: Narrow, pyramidal
Foliage: Light green
Fall Color: Rusty orange

Bare Root
5 ft., whip
6 ft., whip
7 ft., whip
6 ft., branched
1” cal., branched
1¼” cal., branched
1½” cal., branched

**Tilia × euchlora**

Crimean Linden

Zone: 5
Height: 40’
Spread: 35’
Shape: Broadly pyramidal to oval
Foliage: Glossy medium green
Fall Color: Yellow

Bare Root
6 ft., branched
1” cal., branched

**Tilia × flavescens**

Glenleven Linden

Zone: 3
Height: 50’
Spread: 30’
Shape: Pyramidal
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
1½” cal., branched
1½” cal., branched

**Tilia tomentosa**

Green Mountain® Linden
Royalty $.50

Zone: 5
Height: 45’
Spread: 35’
Shape: Broadly pyramidal
Foliage: Dark green with silvery-white undersurface
Fall Color: Yellow

Bare Root
5 ft., whip
6 ft., whip
7 ft., whip
6 ft., branched
1” cal., branched
1¼” cal., branched
1½” cal., branched

**Tilia americana**

*American Linden*

**Tilia americana** ‘McKSentry’
American Sentry® Linden
Royalty $.75

Zone: 3
Height: 45’
Spread: 30’
Shape: Pyramidal, symmetrical
Foliage: Medium green
Fall Color: Yellow

Bare Root
6 ft., branched
1” cal., branched
1¼” cal., branched

**Tilia americana** ‘Boulevard’
Boulevard Linden
Royalty: $1.50

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
1” cal., branched
1¼” cal., branched
**Tilia americana × euchlora ‘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  
- 1½" cal., branched  
- 1¾" cal., branched  
- 2" cal., branched  
- 21/2" cal., branched

**Container**

- #7 6 foot  
- #10 1" caliper  
- #15 1½" caliper  
- #20 1¾" caliper  
- #25 2½" caliper

---

**Tilia cordata ‘Greenspire’**

**Greenspire® Linden**

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  
- 6 ft., branched  
- 1" cal., branched  
- 1½" cal., branched  
- 1¾" cal., branched  
- 2" cal., branched  
- 2½" cal., branched

**Container**

- 3RP VigorLiner®  
- #7 6 foot  
- #10 1" caliper  
- #15 1½" caliper  
- #20 1¾" caliper  
- #25 2½" caliper

---

**Tilia cordata x mongolica ‘Harvest Gold’**

**Harvest Gold Linden**

Zone: 3  
Height: 40'  
Spread: 30'  
Shape: Pyramidal  
Foliage: Deep green  
Fall Color: Bright golden yellow

**Bare Root**

- 1" cal., branched  
- 1½" cal., branched  
- 1¾" cal., branched  
- 2" cal., branched

**Container**

- #7 6 foot  
- #10 1" caliper  
- #15 1½" caliper  
- #20 1¾" caliper  
- #25 2½" caliper

---

**Tilia cordata ‘Baileyi’**

**Shamrock® Linden**

Zone: 4  
Height: 40'  
Spread: 30'  
Shape: Pyramidal, symmetrical  
Foliage: Dark green  
Fall Color: Yellow

**Bare Root**

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

**Container**

- #10 1" caliper  
- #15 1¼" caliper

---

**Ulmus americana (American Elm)**

**Ulmus americana ‘JFS-Prince II’**

**Colonial Spirit® Elm**

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

**Container**

- #7 6 foot  
- #15 1¼" caliper  
- #20 1½" caliper  
- #25 1¾" caliper
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.
**Ulmus parvifolia ‘JFS-Barrett’**  
**Emerald Flair® Elm**  
Royalty: $1.75

- **Zone:** 5
- **Height:** 40’
- **Spread:** 35’
- **Shape:** Upright spreading vase
- **Foliage:** Deep green
- **Fall Color:** Red to orange-red

**INSECT RESISTANCE:**  
elm leaf beetle

**DISEASE TOLERANCE:**  
Dutch elm disease and phloem necrosis

- **Container**  
3RP VigorLiner®

---

**Ulmus japonica × wilsoniana ‘Morton’**  
**Accolade™ Elm**  
Royalty: $.60

- **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  
5 ft., branched  
6 ft., branched  
1” cal., branched  
1¾” cal., branched

- **Container**  
3RP VigorLiner®  
#7 6 foot  
#10 1” caliper  
#15 1¾” 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

- **Container**  
3RP VigorLiner®  
#7 6 foot  
#15 1¾” caliper  
#20 1½” caliper

---

**Ulmus chenmoui ‘JAB Morton’**  
**Summer Elixir™ Elm**  
Royalty: $2.00

- **Zone:** 5
- **Height:** 35’
- **Spread:** 30’
- **Shape:** Rounded
- **Foliage:** Dark green
- **Fall Color:** Yellow, tinge red and purple

**INSECT RESISTANCE:**  
elm leaf beetle

**DISEASE TOLERANCE:**  
Dutch elm disease

Vase-shaped in youth, this relatively small and compact elm develops a rounded shape with age. New growth may be flushed with pink or red before maturing to green. Selected by nurseryman/arborist Jim Barborinas as the best of Ulmus chenmoui seedlings shared by Dr. George Ware of Morton Arboretum.

- **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

---

**Ulmus ‘Morton Stalwart’**  
**Commendation™ Elm**  
Royalty: $.60

- **Zone:** 4
- **Height:** 60’
- **Spread:** 50’
- **Shape:** Upright oval
- **Foliage:** Dark green
- **Fall Color:** Yellow

**DISEASE TOLERANCE:**  
Dutch elm disease and phloem necrosis

- **Bare Root**  
6 ft., branched  
1” cal., branched
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**  
5 ft., whip  
6 ft., whip  
7 ft., whip  
8 ft., whip  
5 ft., branched  
6 ft., branched  
1½ cal., branched  
1¾ cal., branched

**Container**  
3VL VigorLiner®  
#7 6 foot  
#15 1¼ caliper  
#20 1½ caliper  
#25 1¾ caliper

---

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

**Container**  
3RP VigorLiner®  
#5 5 foot  
#7 6 foot  
#10 6 foot  
#15 1¼ caliper  
#20 1½ caliper  
#25 1¾ caliper

---

Ulmus 'Homestead'
Homestead Elm

**Zone:** 4  
**Height:** 55'  
**Spread:** 35'  
**Shape:** Upright arching, narrow oval  
**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

**Container**  
#10 1 caliper

---

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  
1 cal., branched

---

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 'Frontier'
Frontier Elm

**Zone:** 5  
**Height:** 40'  
**Spread:** 30'  
**Shape:** Vase  
**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  
6 ft., branched  
1 cal., branched  
1½ cal., branched  
1¾ cal., branched

**Container**  
3RP VigorLiner®  
#7 6 foot  
#10 6 foot  
#15 1¼ caliper  
#20 1½ caliper  
#25 1¾ caliper

---

Deep green, strongly textured leaves of this heat and drought tolerant tree cast cool shade all summer.  
An easy care tree with superior disease and insect resistance.

[www.EmeraldSunshineElm.com](http://www.EmeraldSunshineElm.com)
**Zelkova serrata ‘Green Vase’**

**Green Vase® Zelkova**

- **Zone:** 5
- **Height:** 45’
- **Spread:** 30’
- **Shape:** Vase with upright arching branches
- **Foliage:** Glossy dark green
- **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
- 1¾” cal., branched

**Container**

- 3RP VigorLiner®
- #10 1” caliper
- #15 1¼” caliper
- #20 1½” caliper
- #25 1¾” 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
- 7 ft., whip
- 5 ft., branched
- 6 ft., branched
- 1” cal., branched
- 1¼” cal., branched

**Container**

- #5 5 foot
- #7 6 foot
- #15 1¼” caliper

---

**Zelkova serrata ‘Village Green’**

**Village Green™ Zelkova**

- **Zone:** 5
- **Height:** 40’
- **Spread:** 40’
- **Shape:** Rounded vase
- **Foliage:** Deep green
- **Fall Color:** Rusty 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**

- #7 6 foot
- #15 1¼” caliper
- #25 1¾” caliper

---

**Zelkova serrata ‘City Sprite’ PP 20996**

**City Sprite® Zelkova**

- **Zone:** 5
- **Height:** 24’
- **Spread:** 18’
- **Shape:** Compact oval to vase
- **Foliage:** Bright green, fine textured
- **Fall Color:** Yellow

**Bare Root**

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

---

**Zelkova serrata ‘Patriot Elm’**

**Triumph™ Elm**

- **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
- 5 ft., branched
- 6 ft., branched
- 1” cal., branched
- 1¼” cal., branched
- 1½” cal., branched

**Container**

- 3RP VigorLiner®
- #10 1” caliper
- #15 1¼” caliper
- #20 1½” caliper
- #25 1¾” caliper

---

**Zelkova serrata ‘Green Vase’**

**Green Vase® Zelkova**

- **Zone:** 5
- **Height:** 45’
- **Spread:** 30’
- **Shape:** Vase with upright arching branches
- **Foliage:** Glossy dark green
- **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
- 1¾” cal., branched

**Container**

- 3RP VigorLiner®
- #10 1” caliper
- #15 1¼” caliper
- #20 1½” caliper
- #25 1¾” 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
- 7 ft., whip
- 5 ft., branched
- 6 ft., branched
- 1” cal., branched
- 1¼” cal., branched

**Container**

- #5 5 foot
- #7 6 foot
- #15 1¼” caliper

---

**Zelkova serrata ‘Village Green’**

**Village Green™ Zelkova**

- **Zone:** 5
- **Height:** 40’
- **Spread:** 40’
- **Shape:** Rounded vase
- **Foliage:** Deep green
- **Fall Color:** Rusty 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**

- #7 6 foot
- #15 1¼” caliper
- #25 1¾” caliper

---

**Zelkova serrata ‘City Sprite’ PP 20996**

**City Sprite® Zelkova**

- **Zone:** 5
- **Height:** 24’
- **Spread:** 18’
- **Shape:** Compact oval to vase
- **Foliage:** Bright green, fine textured
- **Fall Color:** Yellow

**Bare Root**

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

---

**Zelkova serrata ‘Green Vase’**

**Green Vase® Zelkova**

- **Zone:** 5
- **Height:** 45’
- **Spread:** 30’
- **Shape:** Vase with upright arching branches
- **Foliage:** Glossy dark green
- **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
- 1¾” cal., branched

**Container**

- 3RP VigorLiner®
- #10 1” caliper
- #15 1¼” caliper
- #20 1½” caliper
- #25 1¾” 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
- 7 ft., whip
- 5 ft., branched
- 6 ft., branched
- 1” cal., branched
- 1¼” cal., branched

**Container**

- #5 5 foot
- #7 6 foot
- #15 1¼” caliper

---

**Zelkova serrata ‘Village Green’**

**Village Green™ Zelkova**

- **Zone:** 5
- **Height:** 40’
- **Spread:** 40’
- **Shape:** Rounded vase
- **Foliage:** Deep green
- **Fall Color:** Rusty 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**

- #7 6 foot
- #15 1¼” caliper
- #25 1¾” caliper
Wireless® Zelkova

Z céliba serrata ‘Schmidtlow’

**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
- 1 1/4” cal., branched

**Container**
- #20 1 1/2” caliper
- #25 1 3/4” caliper

Zelkova serrata ‘JFS KW4ZS’

**Zone:** 5  
**Height:** 30’  
**Spread:** 25’  
**Shape:** Compact vase  
**Foliage:** Dark green, fine textured  
**Fall Color:** Rusty orange

**Bare Root**
- 6 ft., branched
- 1” cal., branched
- 1 1/4” cal., branched

**Trees worthy of our UtiliTrees™ 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 TreeLocatorSM service to find these trees in their region, grown to landscape size by our customers.

Visit www.utilitrees.com to download a PDF that contains all of our UtiliTrees™ selections.

Our UtiliTrees™ selections are identified throughout the catalog with this icon.
# Fruit Trees

Backyard orchard culture is a hot trend that gains new converts every year. Health conscious gardeners want to eat fresh and eat local, and nothing is fresher, or more local, than juicy nutritious fruits plucked from one’s own trees.

You can capitalize on this gardening trend by offering a collection of ready-to-plant fruit trees. These sturdy, well-branched bare root trees established in #7 containers are an ideal size for home gardeners, who find delight in harvesting fruit in the first season after planting. Four-in-one combinations fit perfectly in small gardens.

We offer the most popular and best-selling varieties as well as unusual cultivars and rare interspecific hybrids. Use this table to choose the best combination to suit your local growing conditions and customer preferences.

Photos and detailed descriptions of our fruit trees, their approximate ripening times, recommended pollinizers, rootstocks and other details are found at www.jfschmidt.com/fruit.

Dave Wilson Nursery is among the specialty growers from whom we purchase our bare root fruit trees. Established in 1938 and recognized today as a top supplier of specialty fruit and nut trees, they offer extensive online resources for gardeners. Invite your customers to learn more about Backyard Orchard Culture at http://jfss.co/jfsdwfruit

---

## Fruit Tree Rootstocks

<table>
<thead>
<tr>
<th>Variety</th>
<th>Rootstock</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Diospyros</strong> - Persimmon</td>
<td></td>
</tr>
<tr>
<td>Fuyu (‘Jiro’)</td>
<td>D. Lotus</td>
</tr>
<tr>
<td><strong>Malus</strong> - Apple</td>
<td></td>
</tr>
<tr>
<td>4-in-1 Combo, Braeburn, Fuji, Gala, Golden Delicious, Granny Smith, Gravenstein, Honeycrisp, Pink Lady, McIntosh, Red Delicious</td>
<td>M106</td>
</tr>
<tr>
<td><strong>Prunus</strong> - Apricot</td>
<td></td>
</tr>
<tr>
<td>Harcot, Montrose, Perfection, Tilton, Wenatchee Moorpark</td>
<td>Citation or St. Julian</td>
</tr>
<tr>
<td><strong>Prunus</strong> - Cherry</td>
<td></td>
</tr>
<tr>
<td>4-in-1 Combo, Bali, Bing, Montmorency, Rainier, Royal Crimson, Stella, Utah Giant, Van</td>
<td>Mahaleb or Mazzard</td>
</tr>
<tr>
<td><strong>Prunus</strong> - Nectarine</td>
<td></td>
</tr>
<tr>
<td>Arctic Babe, Fantasia, Flavortop, Harko, Heavenly White</td>
<td>Lovell or St. Julian</td>
</tr>
<tr>
<td><strong>Prunus</strong> - NectaPlum®</td>
<td></td>
</tr>
<tr>
<td>Spice Zee</td>
<td>Lovell or St. Julian</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Variety</th>
<th>Rootstock</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prunus</strong> - Peach</td>
<td></td>
</tr>
<tr>
<td>Bonanza, Bonfire, Contender, Elberta, Frost™, Pix Zee, Redhaven, Reliance, Snow Beauty, Veteran</td>
<td>Citation, Lovell or St. Julian “A”</td>
</tr>
<tr>
<td><strong>Prunus</strong> - Pluerry®</td>
<td></td>
</tr>
<tr>
<td>Sweet Treat</td>
<td>Myro 29C</td>
</tr>
<tr>
<td><strong>Prunus</strong> - Pluot®</td>
<td></td>
</tr>
<tr>
<td>Dapple Dandy, Flavor King</td>
<td>Citation</td>
</tr>
<tr>
<td><strong>Prunus</strong> - Plum/Prune</td>
<td></td>
</tr>
<tr>
<td>Elephant Heart, Santa Rosa, Satsuma, Superior, Stanley Prune, Italian Prune</td>
<td>Citation or Marianna</td>
</tr>
<tr>
<td><strong>Pyrus</strong> - Asian Pear</td>
<td></td>
</tr>
<tr>
<td>20th Century</td>
<td>OHxF 333</td>
</tr>
<tr>
<td><strong>Pyrus</strong> - Pear</td>
<td></td>
</tr>
<tr>
<td>4-in-1 Combo, Bartlett, Comice, D’Anjou, Red D’Anjou, Sensation Red Bartlett</td>
<td>Quince</td>
</tr>
</tbody>
</table>

---

For photos and detailed information about our fruit trees, please visit www.jfschmidt.com/fruit
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.

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. 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”-1¼” 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.

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.

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.

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.
**Bailed & Burred 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.

**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. Root bags prevent root circling while encouraging root growth. 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.

**Containerized Trees**

Four types of containers in a variety of sizes are used in our container production process. Their volumes, measured in cubic inches, are indicated in the table. Root Pouch® (3RP, 5RP and 7RP) and air-pruning containers (3VL) are used for VigorLiner® production; described in detail on Page 82.

Most garden center and landscape trees are offered in solid-sided plastic pots. They range in size from #5 to #25 and are listed in the catalog with a hatch mark (#) indicating their size. Our largest container trees grow in 28” and 32” plastic-lined wire baskets, measured by the diameter across the top.

**Container Volumes**

<table>
<thead>
<tr>
<th>Size</th>
<th>Volume (cubic inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>#5</td>
<td>830-935</td>
</tr>
<tr>
<td>#7</td>
<td>1,500</td>
</tr>
<tr>
<td>#10</td>
<td>2,225</td>
</tr>
<tr>
<td>#15</td>
<td>2,925</td>
</tr>
<tr>
<td>#20</td>
<td>4,550</td>
</tr>
<tr>
<td>#25</td>
<td>6,375</td>
</tr>
<tr>
<td>28”</td>
<td>8,550</td>
</tr>
<tr>
<td>32”</td>
<td>10,464</td>
</tr>
<tr>
<td>#45</td>
<td>9,850</td>
</tr>
<tr>
<td>3VL</td>
<td>515</td>
</tr>
<tr>
<td>3RP</td>
<td>667</td>
</tr>
<tr>
<td>5RP</td>
<td>974</td>
</tr>
<tr>
<td>7RP</td>
<td>1809</td>
</tr>
</tbody>
</table>

Our containerized shade and flowering trees are a much different product than traditional “container-grown” trees. By “containerized,” we mean that most of our trees are field grown to nearly finished size, then established in containers for finishing and year-round sale. Containerized 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.
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.

For a list of currently produced VigorLiner® trees, please visit: www.jfschmidt.com/vl
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

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.
**Color Your Walls!**

Our colorful, informative wall posters are back! Each of the five posters features 22 of our finest trees. They are perfect for framing and fit into standard 24" x 36" poster frames. They are great sales tools and are ideally suited for hanging in your nursery office, garden center, design studio, classroom or botanical garden.

Poster sets are hand-delivered to our customers by our sales representatives, and distributed free of charge at the many green industry trade shows we attend each year.

Please contact our office to receive a set by mail. We will be pleased to send you a set for $10 to help offset the cost of postage.

**Variety Specific Marketing**

Extraordinary trees from our breeding and selection programs are introduced through various channels including our variety-specific marketing campaigns. We’ve developed colorful brochures with coordinated envelopes; eye-catching postcards, downloadable fact sheets and traffic-stopping banners. Unique websites and Facebook pages are utilized to alert growers, nursery buyers, tree specifiers and consumers about the outstanding features of our new introductions. Each website includes wholesale and retail sources lists (by state) to help connect growers and garden centers with buyers.
PDF Downloads

We invite you to access hundreds of colorful tree data sheets and retail signs stored on our website in PDF format. Each PDF includes multiple photos and all the information you need to showcase the trees you buy from us. Visit www.jfschmidt.com/pdfs to download from a list of more than 400 varieties.

A conventional color laser printer can be used to print them on paper or plastic. Their many uses include flyers for in-store promotions or mailings, customized presentation books for clients, study guides for garden center and sales staff, and bright point-of-purchase signs. The possibilities are endless!

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 $.25 each to accompany your bare root, B & B, root bag, Root Pouch® or VigorLiner® order.

Pre-pricing service for container trees

Simplify and save time and labor by using our product pre-pricing service for container trees. For $.45 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 15th.

Trunk Wraps

Eight 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 $1.00 each, we currently offer trunk wraps for these cultivars: Redpointe® and Armstrong Gold® Maples, Crimson Sunset® and Urban Sunset® Maples, June Snow™ Dogwood, Espresso™ Kentucky Coffee Tree, Emerald City® Tulip Tree and Royal Raindrops® Crabapple.

Find more information about this program at www.jfschmidt.com/trunkwraps
ORDERS:
A minimum order of $2,500 is required. All orders are subject to acceptance of our credit department.
Orders are booked subject to crop growing conditions and availability. Any item may be cancelled at the option of J. Frank Schmidt & Son Co.; should any stock be damaged or destroyed through drought, flood, fire, hail, or other disaster (man-made or Act of God), adjustment in inventory, or as a result of any cause beyond the control of J. Frank Schmidt & Son Co.

PRICES:
Prices are quoted in US Dollars and are listed for trade and shipment within the United States and Canada only, and replace all previous prices offered by J. Frank Schmidt & Son Co. Prices do not include freight costs or royalties -. J. Frank Schmidt & Son Co. offers a discount when ordering Bare Root or Root Bag quantities of 50 or more per variety. 50-Up pricing is per order only.

CANCELLATIONS:
All Cancellations must be submitted in writing and received prior to the deadlines below:

December 1st
Bare Root, B & B and Root Bag Material Cancellations after December 1st are subject to a 10% restocking fee ($100.00 minimum)

April 1st
Container and VigorLiner®

Open orders with no communication will be released to open availability April 15th.

*Late cancellations may jeopardize future allocation percentages and/or fill rates.

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.

We do not accept COD orders for any shipments.

J. Frank Schmidt & Son Co. strongly recommends refrigerated transportation for all plant material. In the event that the purchaser chooses to use unrefrigerated transportation, the purchaser agrees to indemnify and hold harmless J. Frank Schmidt & Son Co. and the carrier(s) for all losses or liabilities due to damages caused by temperature.

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:

Normal shipping season* - January 1-April 30

Late shipping season** - May 1-May 31

Close of bare root shipping season - June 1

B & B Late Shipment Fee:
B & B material must be shipped prior to May 15th or is subject to a 10% maintenance fee.

Container and VigorLiner® shipping season:
Orders for current catalog year crop must ship by June 30.

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 customer 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 our Credit Application from our website by clicking on the Downloads button on the home page: www.jsfschmidt.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.

*FULL 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. J. Frank Schmidt & Son Co. also 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.

Claims for any cause will receive consideration only when made within 10 days after delivery of stock or acceptance thereof. 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. J. Frank Schmidt & Son Co. will assist you in filing a claim.

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.

**PARTIAL PLANT GUARANTEE:
J. Frank Schmidt & Son Co. expressly warrants that all trees purchased will be true to name.

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.

Claims for any cause will receive consideration only when made within 10 days after delivery of stock or acceptance thereof. 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. J. Frank Schmidt & Son Co. can assist you in filing a claim.

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.

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 may 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.

Please see Page 4 for ordering guidelines.
The five product types offered in our catalog are sold under these two discount schedules. Bare root, B&B and Root Bag purchases share a discount schedule designed to maximize volume discount opportunities for our grower-oriented products.

A separate discount schedule is provided for our container and VigorLiner® product lines. While calculated separately, purchases within each discount schedule accumulate throughout the sales year (July 1–June 30) to extend discounts on your combined orders to the highest possible levels.

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 and Root Bag Discount Schedule

<table>
<thead>
<tr>
<th>Dollar Volume</th>
<th>Discount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$5,000 - $9,999</td>
<td>4%</td>
</tr>
<tr>
<td>$10,000 - $14,999</td>
<td>6%</td>
</tr>
<tr>
<td>$15,000 - $19,999</td>
<td>8%</td>
</tr>
<tr>
<td>$20,000 - $24,999</td>
<td>9%</td>
</tr>
<tr>
<td>$25,000 - $34,999</td>
<td>10%</td>
</tr>
<tr>
<td>$35,000 - $49,999</td>
<td>12%</td>
</tr>
<tr>
<td>$50,000 - $74,999</td>
<td>15%</td>
</tr>
<tr>
<td>$75,000 - $99,999</td>
<td>17%</td>
</tr>
<tr>
<td>$100,000 - $174,999</td>
<td>20%</td>
</tr>
<tr>
<td>$175,000 - $249,999</td>
<td>22%</td>
</tr>
<tr>
<td>$250,000 - and up</td>
<td>25%</td>
</tr>
</tbody>
</table>

### Container and VigorLiner® Discount Schedule

<table>
<thead>
<tr>
<th>Dollar Volume</th>
<th>Discount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$3,000 - $4,999</td>
<td>2%</td>
</tr>
<tr>
<td>$5,000 - $9,999</td>
<td>3%</td>
</tr>
<tr>
<td>$10,000 - $14,999</td>
<td>4%</td>
</tr>
<tr>
<td>$15,000 - $19,999</td>
<td>5%</td>
</tr>
<tr>
<td>$20,000 - $24,999</td>
<td>6%</td>
</tr>
<tr>
<td>$25,000 - $29,999</td>
<td>7%</td>
</tr>
<tr>
<td>$30,000 - $34,999</td>
<td>8%</td>
</tr>
<tr>
<td>$35,000 - $39,999</td>
<td>9%</td>
</tr>
<tr>
<td>$40,000 - $49,999</td>
<td>10%</td>
</tr>
<tr>
<td>$50,000 - $59,999</td>
<td>11%</td>
</tr>
<tr>
<td>$60,000 - $69,999</td>
<td>12%</td>
</tr>
<tr>
<td>$70,000 - $84,999</td>
<td>13%</td>
</tr>
<tr>
<td>$85,000 - $99,999</td>
<td>14%</td>
</tr>
<tr>
<td>$100,000 and up</td>
<td>15%</td>
</tr>
</tbody>
</table>

### 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.
<table>
<thead>
<tr>
<th>Tree Name</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acer (Maple)</td>
<td>5</td>
</tr>
<tr>
<td>buegerianum (Trident)</td>
<td>5</td>
</tr>
<tr>
<td>campestrae (Hedge)</td>
<td>5</td>
</tr>
<tr>
<td>cinnatum (Vine)</td>
<td>6</td>
</tr>
<tr>
<td>freemanii</td>
<td>6</td>
</tr>
<tr>
<td>ginnala (Amur)</td>
<td>7</td>
</tr>
<tr>
<td>glabrum (Rocky Mountain)</td>
<td>8</td>
</tr>
<tr>
<td>grandidentatum (Big Tooth)</td>
<td>8</td>
</tr>
<tr>
<td>griseum (Paperbark)</td>
<td>9</td>
</tr>
<tr>
<td>japonicum (Fullmoon)</td>
<td>9</td>
</tr>
<tr>
<td>macrophyllum (Bigleaf)</td>
<td>9</td>
</tr>
<tr>
<td>miyabei (Miyabe)</td>
<td>10</td>
</tr>
<tr>
<td>nigrum (Black)</td>
<td>10</td>
</tr>
<tr>
<td>palmatum (Japanese)</td>
<td>12</td>
</tr>
<tr>
<td>platanoideae (Norway)</td>
<td>13</td>
</tr>
<tr>
<td>pseudosieboldianum (Korean)</td>
<td>13</td>
</tr>
<tr>
<td>rubrum (Red)</td>
<td>13</td>
</tr>
<tr>
<td>saccharinum (Silent)</td>
<td>16</td>
</tr>
<tr>
<td>saggaccharum (Sugar)</td>
<td>17</td>
</tr>
<tr>
<td>tataricum (Tatarian)</td>
<td>19</td>
</tr>
<tr>
<td>truncatum (Shantung)</td>
<td>20</td>
</tr>
<tr>
<td>Aesculus (Buckeye, Horsecb)</td>
<td>21</td>
</tr>
<tr>
<td>Amelanchier (Serviceberry)</td>
<td>21</td>
</tr>
<tr>
<td>Asimina (Pawpaw)</td>
<td>22</td>
</tr>
<tr>
<td>Ash – Fraxinus</td>
<td>38</td>
</tr>
<tr>
<td>Aspen – Populus</td>
<td>57</td>
</tr>
<tr>
<td>Bald Cypress – Taxodium</td>
<td>71</td>
</tr>
<tr>
<td>Beech – Fagus</td>
<td>36</td>
</tr>
<tr>
<td>Birch – Betula</td>
<td>23</td>
</tr>
<tr>
<td>Bird Cherry – Prunus</td>
<td>58</td>
</tr>
<tr>
<td>Blue Atlas Cedar – Cedrus</td>
<td>27</td>
</tr>
<tr>
<td>Buckeye – Aesculus</td>
<td>21</td>
</tr>
<tr>
<td>Carpinus (Hornbeam)</td>
<td>25</td>
</tr>
<tr>
<td>Catalpa</td>
<td>26</td>
</tr>
<tr>
<td>Cedrus (Blue Atlas Cedar)</td>
<td>27</td>
</tr>
<tr>
<td>Celtis (Hackberry)</td>
<td>27</td>
</tr>
<tr>
<td>Cercidiphyllum (Katsura Tree)</td>
<td>27</td>
</tr>
<tr>
<td>Cercis (Redbud)</td>
<td>28</td>
</tr>
<tr>
<td>Chaenomeles (Falsecypress)</td>
<td>30</td>
</tr>
<tr>
<td>Cherry, Japanese – Prunus</td>
<td>58</td>
</tr>
<tr>
<td>Chionanthus (Fring Tree)</td>
<td>31</td>
</tr>
<tr>
<td>Chokecherry – Prunus</td>
<td>58</td>
</tr>
<tr>
<td>Cladaritis (Yellowwood)</td>
<td>31</td>
</tr>
<tr>
<td>Cork Tree – Phellodendron</td>
<td>55</td>
</tr>
<tr>
<td>Cornus (Cornelian Cherry)</td>
<td>34</td>
</tr>
<tr>
<td>Cornus (Dogwood)</td>
<td>32</td>
</tr>
<tr>
<td>Corylus (Turkish Hazel, Filbert)</td>
<td>34</td>
</tr>
<tr>
<td>Cottonwood – Populus</td>
<td>57</td>
</tr>
<tr>
<td>Crabapple – Malus</td>
<td>46</td>
</tr>
<tr>
<td>Crapeagus (Hawthorn)</td>
<td>35</td>
</tr>
<tr>
<td>Dawn Redwood – Metasequoia</td>
<td>53</td>
</tr>
<tr>
<td>Dogwood – Cornus</td>
<td>32</td>
</tr>
<tr>
<td>Elm – Ulmus</td>
<td>73</td>
</tr>
<tr>
<td>Eucomnia (Hardy Rubber Tree)</td>
<td>36</td>
</tr>
<tr>
<td>Falsecypress – Chaenomeles</td>
<td>30</td>
</tr>
<tr>
<td>Fagus (Beech)</td>
<td>36</td>
</tr>
<tr>
<td>Filbert – Corylus</td>
<td>34</td>
</tr>
<tr>
<td>Franklinia (Franklin Tree)</td>
<td>37</td>
</tr>
<tr>
<td>Fraxinus (Ash)</td>
<td>38</td>
</tr>
<tr>
<td>Fringe Tree – Chionanthus</td>
<td>30</td>
</tr>
<tr>
<td>Ginkgo (Maidenhair Tree)</td>
<td>38</td>
</tr>
<tr>
<td>Gleditsia (Honeylocust)</td>
<td>39</td>
</tr>
<tr>
<td>Goldentree Tree – Koelreuteria</td>
<td>42</td>
</tr>
<tr>
<td>Gymnocladus (Kentucky Coffee Tree)</td>
<td>40</td>
</tr>
<tr>
<td>Halesia (Silverbell)</td>
<td>41</td>
</tr>
<tr>
<td>Hackberry – Celtis</td>
<td>27</td>
</tr>
<tr>
<td>Hamamelis (Witch Hazel)</td>
<td>41</td>
</tr>
<tr>
<td>Hardy Rubber Tree – Eucomnia</td>
<td>36</td>
</tr>
<tr>
<td>Hawthorn – Crapeagus</td>
<td>35</td>
</tr>
<tr>
<td>Heptacodium (Seven-sun Flower)</td>
<td>41</td>
</tr>
<tr>
<td>Hibiscus (Rose of Sharon)</td>
<td>41</td>
</tr>
<tr>
<td>Honeylocust – Gleditsia</td>
<td>39</td>
</tr>
<tr>
<td>Hornbeam – Carpinus</td>
<td>25</td>
</tr>
<tr>
<td>Horsechestnut – Aesculus</td>
<td>21</td>
</tr>
<tr>
<td>Hydrangea</td>
<td>42</td>
</tr>
<tr>
<td>Katsura Tree – Cercidiphyllum</td>
<td>27</td>
</tr>
<tr>
<td>Kentucky Coffee Tree – Gymnocladus</td>
<td>40</td>
</tr>
<tr>
<td>Koelreuteria (Goldenrain Tree)</td>
<td>42</td>
</tr>
<tr>
<td>Lilac – Syringa</td>
<td>70</td>
</tr>
<tr>
<td>Linden – Tilia</td>
<td>72</td>
</tr>
<tr>
<td>Liquidambar (Sweetgum)</td>
<td>43</td>
</tr>
<tr>
<td>Liriodendron (Tulip Tree)</td>
<td>43</td>
</tr>
<tr>
<td>Locust – Robinia</td>
<td>68</td>
</tr>
<tr>
<td>Magnolia</td>
<td>73</td>
</tr>
<tr>
<td>Maackia</td>
<td>44</td>
</tr>
<tr>
<td>Maclura (Osage Orange)</td>
<td>44</td>
</tr>
<tr>
<td>Magnolia</td>
<td>73</td>
</tr>
<tr>
<td>Maidenhair Tree – Ginkgo</td>
<td>46</td>
</tr>
<tr>
<td>Malus (Crabapple)</td>
<td>46</td>
</tr>
<tr>
<td>Maple – Acer</td>
<td>5</td>
</tr>
<tr>
<td>Metasequoia (Dawn Redwood)</td>
<td>53</td>
</tr>
<tr>
<td>Mountain Ash – Sorbus</td>
<td>68</td>
</tr>
<tr>
<td>Nyssa (Tupelo)</td>
<td>54</td>
</tr>
<tr>
<td>Oak – Quercus</td>
<td>63</td>
</tr>
<tr>
<td>Osage Orange – Maclura</td>
<td>44</td>
</tr>
<tr>
<td>Ostrya (Hornbeam)</td>
<td>55</td>
</tr>
<tr>
<td>Oxydendron (Sorbus)</td>
<td>55</td>
</tr>
<tr>
<td>Parrotia</td>
<td>55</td>
</tr>
<tr>
<td>Pagodatre – Sophora (Styphnolobium)</td>
<td>68</td>
</tr>
<tr>
<td>Pawpaw – Asimina</td>
<td>22</td>
</tr>
<tr>
<td>Pear, Flowering – Pyrus</td>
<td>62</td>
</tr>
<tr>
<td>Phellodendron (Cork Tree)</td>
<td>55</td>
</tr>
<tr>
<td>Pine – Pinus</td>
<td>56</td>
</tr>
<tr>
<td>Pistache</td>
<td>56</td>
</tr>
<tr>
<td>Planetree – Platanus</td>
<td>56</td>
</tr>
</tbody>
</table>

**Find individual fruit tree listings in the orange boxes, listed by genus on these pages.**

- Persimmon Page 36
- Apple Page 46
- Apricot and Cherry Page 58
- Nectarine, NectaPlum, a, and Peach Page 60
- Pluerry, Pluot, Plum, and Prune Page 61
- Pear Page 62

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.
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 bumper stickers have declared it for years, now find out why...

www.TreesAreTheAnswer.info is your go-to resource designed to help you and your customers choose, grow and care for trees.

As growers, it’s important that we promote the trees we grow as solutions to a broad range of environmental, economic, human health and social problems. Dozens of links will reveal tools you can use to leverage the value of trees. Bookmark it today!