



# HERITAGE

seedlings & liners, inc. \_\_\_\_\_ Unusual Deciduous Species

## WHOLESALE CATALOG '22-'23



***Magnolia cylindrica*** 'MJK-MC1' US PPAF  
**Marilyn's Choice™**





***Magnolia cylindrica*** 'MJK-MC1' US PPAF  
**Marilyn's Choice™**

**Consider it's merits:**

- **Precocious flowering** – it has bloomed in its first spring after bud propagation in a #1 pot, most often in the second year.
- **Attractive summer foliage** in the growing season, unblemished by mildew, aphids, mites, or other pests during evaluations over the past 20 years from Oregon to South Carolina, where varieties like 'Galaxy' have P&D issues.
- **Tight branch angles** and modest stem growth rate keep the flowers compactly set on the tree frame. The tree experienced **zero ice damage** in the devastating Willamette Valley ice storm of 2021. **Blooms emerge weeks before the foliage** (late March in Oregon), but late enough to avoid major frost events with dependable annual flowering.
- **No messy seed pods** on the 20-year-old original tree.
- **Ready for retail sale 1 year after transplanting into #3-5 from #1 pots.**

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**OREGON**<sup>SM</sup>  
 ASSOCIATION OF  
 NURSERIES

# HERITAGE

seedlings & liners, inc

Unusual Deciduous Species



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When I went to school, they asked me  
what I wanted to be when I grew up.  
I wrote down 'happy'.

They told me I didn't understand the  
assignment, and I told them they didn't  
understand life.

*source uncertain*



"Life is what happen to you when  
you're busy making other plans."

**John Lennon**



# HERITAGE

seedlings & liners, inc.

Unusual Deciduous Species

Summer 2022

Dear Friends,

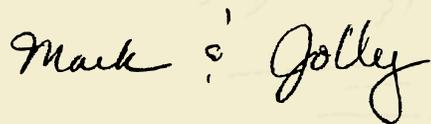
Our nursery craft is not just a career. This is LIFE. This is happiness. How fortunate are we to love what we do, to make our LIFE of it, and to mentor others? Have you noticed how it changes not just what we and others DO, but whom we ARE?

We accomplish what we choose to if we're blessed with health, ambition, wits and persistence. Each of these is a gift, as is the gift to even know we possess them. We can't wait to act, nor confuse ourselves with endless possibilities. But personal growth is somehow easier if we grow plants. It's at the root of why trees have universal appeal and give comfort to just about everybody, no matter what age, what language we speak, or what country we live in.

Our energetic Heritage staff have the audacity to dream, to propagate and nurture tree and shrub liners and then stuff them into a dark truck or UPS box bound for you. We know they thrive in the light of your nursery care: hundreds of thousands of well-grown woodies in wide assortment, year after year for **41 seasons**. Thank you for being our partner

Jolly and I so appreciate that we can pass along our knowledge, contacts, workplace skills, and perhaps a bit of wisdom to others. The world reckons now with war, displaced populations, economic disruption and climate disasters all about. But we can take comfort knowing that our craft - our skills and hard work - make a difference. They literally make the world a greener place because we lived in it.

Does it get better than this?



Mark, Jolly, and Staff

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# Maple



**Acer campestre**

## ACER

### *Acer buergerianum*

#### Trident Maple



Small shade tree with a flaky bark. Colorful autumn leaves. Excellent patio specimen or bonsai subject. It is especially well adapted in the South, growing well even in full sun. A University of Georgia and Pennsylvania Horticultural Society Gold Medal Winner.

MP	Re-pot into #1	Zones 5-9 \$1.80 (50)+
----	-------------------	---------------------------

### *Acer campestre*

#### Hedge Maple

One of relatively few native European maple species. It has been used in hedges for centuries, but surprisingly few cultivars exist. It tolerates higher pH than many maples and is a tree with few insect pests or disease threats, adapted across a wide range of US climates.

MP	Re-pot into #1	Zones 4-8 \$2.30 (50)+
1/8"	#1	\$1.95 (50)+
3/16"	#1	\$2.20 (50)+
1/4"	#2	\$2.85 (50)+

### *Acer campestre* 'Carnival'

#### Carnival Hedge Maple

A tadaptive species, so its brilliantly white variegated foliage lends flexibility in planting choices. Occasional green side branches are easily removed, but we leave a few to give the plant more photosynthetic ability and increase its vigor. Hard to find in the trade, so book yours early.

2-3'	Re-pot into #2-3	Zones 4-8 \$27.45 (10)+
3-4'	#3	\$30.95 (10)+

### *Acer circinatum*

#### Vine Maple



Pacific Northwest native. Vine Maple heralds the arrival of autumn as its colors light up the landscape. Best grown in clump form, it lends a pleasing accent to larger trees in a border planting and requires almost no care.

MP	Re-pot into #1	Zones 5-9 \$1.90 (50)+
LP21ci	#2-3	\$2.60 (25)+
1-2'	#1-2	\$2.20 (50)+

### *Acer circinatum* 'Pacific Fire'

#### Pacific Fire Vine Maple

Durability, and small stature coupled with intensely colored twigs and stems make this a desirable shrub. Young stems are brilliant red and pink, brighter than those of 'Sango Kaku' Japanese maple in our garden. Best cut back every 2-3 years to encourage bright red stem color on new growth.

#1 2-3'	Re-pot into #5	Zones 5-9 \$16.15 (5)+
#1 3-4'	#5	\$18.85 (5)+
#2 3-4' LT BRCH	#7	\$22.80 (5)+
#2 4-5' LT BRCH	#10	\$25.65 (5)+

### *Acer griseum*

#### Paperbark Maple



Among the rich variety of cultivated maples, this one is highly esteemed for its peeling tissue-thin coppery bark. Leaves turn scarlet and orange in fall. Easily grown on to larger size despite its propagation difficulty, and VERY resilient in the landscape.

LP21ci	Re-pot into #3	Zones 5-8 \$4.90 (25)+
XP	#3	\$8.90 (5)+
1-2'	#3	\$3.75 (50)+
2-3'	#5	\$4.35 (50)+
#2	#5	\$18.35 (5)+

### *Acer miyabei*

#### Miyabe Maple

Hardier than *Acer campestre*, to which it is most often compared, but of more appealing form and therefore requiring far less pruning in cultivation. Lacks the invasive character and obtrusive size of *Acer platanoides*. Very hard to find, it is an excellent urban tree. The best example in America is at the Morton Arboretum in Chicago, a broadly upright tree at 30 ft. tall, dubbed State Street™. A handsome plant by any measure.

LP21ci	Re-pot into #2	Zones 4-8 \$7.05 (25)+
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### *Acer palmatum*

#### Green Japanese Maple

With its delicate foliage, small crown, and naturally artistic form, it creates an Asian effect in any garden. Fall colors are inspiring in their brilliance. Healthy specimen trees seem to always be in short supply. Our pot-grown seedlings have been kept protected from frost to ensure that your rootstocks are free of *Pseudomonas* (black stem) blight.

SP 1/8" caliper	Re-pot into #1	Zones 5-9 \$0.90 (50)+
MP 1/8" caliper	#1	\$1.20 (50)+
MP 3/16" caliper	#1	\$1.30 (50)+
MP 1/4" caliper	#1	\$1.50 (50)+
3-4' TR	#7	\$10.50 (10)+
4-5' TR	#10	\$13.60 (5)+

## ***Acer palmatum* dwarf, pre-bonsai** **Pre-bonsai form Green Japanese Maple**

Select seedling strain with extremely short internodes, mostly 8-10 inches tall. No graft scar, vigorous, easy to re-establish with moss in bonsai trays as a mini "forest" for quick resale at high profit,

<b>MP</b>	Re-pot into <b>#1</b>	<b>Zones 5-9</b> <b>\$6.70 (50)+</b>
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## ***Acer palmatum* 'Bihou'** **Bihou Japanese Maple**

A relatively new introduction from Japan, it has bright yellow stems and shares with other bright yellow or red-stem selections susceptibility to *Pseudomonas* stem blight if it is fertilized too late in the growing season. Go easy on the nitrogen and protect young grafts indoors for the first few winters until the recent season's growth hardens off.

	Re-pot into	<b>Zones 5-9</b>
<b>#1 2-3' WHIP</b>	<b>#5</b>	<b>\$16.15 (5)+</b>
<b>#1 3-4' WHIP</b>	<b>#5-7</b>	<b>\$18.85 (5)+</b>
<b>#2 3-4' LT BRCH</b>	<b>#7</b>	<b>\$22.80 (5)+</b>
<b>#2 4-5' LT BRCH</b>	<b>#10</b>	<b>\$25.65 (5)+</b>

## ***Acer palmatum* 'Bloodgood'** **Bloodgood Japanese Maple**

This is one of the hardiest and most popular of all the upright cultivars of Red Japanese Maple. Field grown plants have heavier caliper; container-grown plants have less transplant stress. Both gives rapid spring regrowth.

	Re-pot into	<b>Zones 5-9</b>
<b>#1 2-3' WHIP</b>	<b>#5</b>	<b>\$16.15 (5)+</b>
<b>#1 3-4' WHIP</b>	<b>#5</b>	<b>\$18.85 (5)+</b>
<b>#2 3-4' LT BRCH</b>	<b>#7</b>	<b>\$22.80 (5)+</b>
<b>#2 4-5' LT BRCH</b>	<b>#10</b>	<b>\$25.65 (5)+</b>
<b>2-3' TR WHIP</b>	<b>#5</b>	<b>\$16.15 (10)+</b>
<b>3-4' TR WHIP</b>	<b>#5-7</b>	<b>\$18.85 (10)+</b>



***Acer palmatum***  
**'Bloodgood'**

## ***Acer palmatum* 'Emperor I'** **Emperor I Japanese Maple**

A fine cultivar distinguished by its bright red foliage. Whereas the more widely available cultivar, 'Bloodgood' has a maroon color, this one is redder, especially when the sun shines through the leaves. Leaves emerge two weeks later than 'Bloodgood'. Milwaukee, WI city arborists consider 'Emperor I' hardy within their urban area.

	Re-pot into	<b>Zones 5-9</b>
<b>#1 2-3' WHIP</b>	<b>#5</b>	<b>\$16.15 (5)+</b>
<b>#1 3-4' WHIP</b>	<b>#5</b>	<b>\$18.85 (5)+</b>
<b>#2 3-4' LT BRCH</b>	<b>#7</b>	<b>\$22.80 (5)+</b>
<b>#2 4-5' LT BRCH</b>	<b>#10</b>	<b>\$25.65 (5)+</b>
<b>2-3' TR WHIP</b>	<b>#5</b>	<b>\$16.15 (10)+</b>
<b>3-4' TR WHIP</b>	<b>#5-7</b>	<b>\$18.85 (10)+</b>

## ***Acer palmatum* 'Fireglow'** **Fireglow Japanese Maple**

One of the less familiar cultivars, 'Fireglow' has red leaves and looks somewhat like 'Bloodgood' but grows slower and denser. It is redder during the summer, becoming purple/red with green before it takes on autumn redder color again.

	Re-pot into	<b>Zones 5-9</b>
<b>#1 2-3' WHIP</b>	<b>#5</b>	<b>\$16.15 (5)+</b>
<b>#1 3-4' WHIP</b>	<b>#5</b>	<b>\$18.85 (5)+</b>
<b>#2 3-4' LT BRCH</b>	<b>#7</b>	<b>\$22.80 (5)+</b>
<b>#2 4-5' LT BRCH</b>	<b>#10</b>	<b>\$25.65 (5)+</b>

## ***Acer palmatum* 'Mikawa yatsubusa'** **Mikawa yatsubusa Japanese Maple**

Thick stems, closely spaced buds, a naturally layered habit, and tolerance for pruning make this our top Japanese maple bonsai pick. Our plants are budded very low on the root stock to give an unobtrusive graft union. In the garden, it is a true dwarf, so it can be safely planted very close to a walkway or kept for years in a large container until just the perfect spot for it becomes obvious. Exceptional; it belongs in even a modest collection of Japanese maple varieties for its distinctive dwarf and trouble-free character.

	Re-pot into	<b>Zones 5-9</b>
<b>#1 1-2' WHIP</b>	<b>#3</b>	<b>\$19.85 (5)+</b>
<b>#2 2-3' LT BRCH</b>	<b>#7</b>	<b>\$22.65 (5)+</b>



***Acer palmatum***  
**'Mikawa yatsubusa'**

## ***Acer palmatum* 'Purple Ghost'** **Purple Ghost Laceleaf Japanese Maple**

Attractive red purple leaves with black veins in spring. The colors are intense and the new leaves almost glow before they age to red in summer, and then intense red and orange in autumn.

	Re-pot into	Zones 5-9
#1 2-3' WHIP	#5	\$16.15 (5)+
#1 3-4' WHIP	#10	\$18.85 (5)+

## ***Acer palmatum* 'Sango kaku'** **Coral Bark Japanese Maple**

This small vase shaped tree offers wintertime pink and red bark on young branches. In cool moist climates it can suffer from blight if it is fertilized too heavily. See photo.

	Re-pot into	Zones 5-9
#1 2-3' WHIP	#5	\$16.15 (5)+
#1 3-4' WHIP	#7	\$18.85 (5)+
#2 3-4' LT BRCH	#7	\$22.80 (5)+
#2 4-5' LT BRCH	#10	\$25.65 (5)+

## ***Acer palmatum* 'Tsukasa Silhouette'** **Tsukasa Silhouette Japanese Maple**

A more recent introduction from Japan, it should become popular for it's narrow upright form. Green foliage is smaller as compared to seedlings.

	Re-pot into	Zones 5-9
#1 2-3' WHIP	#5	\$16.15 (5)+
#1 3-4' WHIP	#7	\$18.85 (5)+

## ***Acer palm.* 'Twombly's Red Sentinel'** **Twombly's Red Sentinel Maple**

Unique upright shape, attractive in many situations where space is limited, particularly close to a building or walkway. Plants in our landscape are more appealing with each passing season. It remains a strong maroon color all summer here in NW Oregon.

	Re-pot into	Zones 5-9
#1 2-3' WHIP	#5	\$16.15 (5)+
#1 3-4' WHIP	#7	\$18.85 (5)+
#2 3-4' LT BRCH	#7	\$22.80 (5)+
#2 4-5' LT BRCH	#7	\$25.65 (5)+
2-3' TR WHIP	#5-7	\$16.15 (10)+
3-4' TR WHIP	#5-7	\$18.85 (10)+

## ***Acer palmatum* 'Ukigumo'** **Floating Clouds Japanese Maple**



In our judgement, the best and most striking of white variegated upright Japanese Maples. A big plus, almost no reversion to green. From a distance the small green, white and pink leaves have an ethereal effect. This conversation item is just perfect to showcase in a shady spot in the garden. This Great Plant Picks selection will eventually reach 16 ft. tall, no surprise there.

	Re-pot into	Zones 5-9
#1 2-3' WHIP	#5	\$16.15 (5)+
#1 3-4' WHIP	#5	\$18.85 (5)+
#2 3-4' LT BRCH	#7	\$22.80 (5)+
#2 4-5' LT BRCH	#10	\$25.65 (5)+

## ***Acer palmatum* var. *dissectum*** **'Crimson Queen'**

### **Crimson Queen Japanese Maple**

Among the oldest and most widely recognized of weeping red Japanese maples: has stood the test of time for generations and earned the Royal Horticultural Society's Award of Garden Merit. If you want a red weeper that will always please and many gardeners recognize, this is your variety. Holds its color well into summer and is a consistent profit maker.

	Re-pot into	Zones 5-9
#1 2-3' WHIP	#5	\$16.15 (5)+
#1 3-4' WHIP	#5	\$18.85 (5)+
#2 3-4' LT BRCH	#7	\$22.80 (5)+
#2 4-5' LT BRCH	#10	\$25.65 (5)+

## **Cash flow tip**

**Can you bring your maples in early-Feb. or early March? Shelter them under poly, double-stacked so they root out fast in your new mix. Extend your season, selling many of the larger sizes by Mother's Day.**



***Acer palmatum* 'Orangeola'**



***Acer palmatum* 'Sango kaku'**

***Acer palmatum* var. *dissectum*  
'Inaba shidare'**

**Inaba shidare Japanese Maple**

Among the best of the weeping red laceleaf maples, known for its leaf color retention in summer, its scorch resistance, vigor, and hardiness. Always popular and attractive.

	Re-pot into	Zones 5-9
#1 2-3' WHIP	#5	\$16.15 (5)+
#1 3-4' WHIP	#5	\$18.85 (5)+
#2 3-4' LT BRCH	#7	\$22.80 (5)+
#2 4-5' LT BRCH	#10	\$25.65 (5)+

***Acer palmatum* var. *dissectum*  
'Orangeola'**

**Orangeola Laceleaf Japanese Maple**

This beautiful gem is more strongly weeping than most other selections of its kind. It goes through a kaleidoscope of reds, greens, and orange all season long.

	Re-pot into	Zones 5-9
#1 2-3' WHIP	#5	\$16.15 (5)+
#1 3-4' WHIP	#5	\$18.85 (5)+
#2 3-4' LT BRCH	#7	\$22.80 (5)+
#2 4-5' LT BRCH	#10	\$25.65 (5)+

**"Re-pot into"**

**What does it mean?**

To help you consider your liner investment and profit opportunity, we recommend container options for you to pot up each size.

***Acer palmatum* var. *dissectum*  
'Red Dragon'**

**Red Dragon Laceleaf Japanese Maple**

Unlike most "red" selections this is a more true red. Its color remains vibrant throughout the summer. Smaller than most lace leaf maples, with black bark and a slower growth habit, this maple is a good choice for bonsai or a container.

	Re-pot into	Zones 5-9
#1 2-3' WHIP	#5	\$16.15 (5)+
#1 3-4' WHIP	#7	\$18.85 (5)+
#2 3-4' LT BRCH	#7	\$22.80 (5)+
#2 4-5' LT BRCH	#10	\$25.65 (5)+

***Acer palmatum* var. *dissectum*  
'Seiryu'**

**Seiryu Japanese Maple**

The only upright laceleaf Japanese Maple, this one is small in stature and has delicate foliage. Light green summertime foliage; in the fall it becomes a beautiful mix of yellow, orange, and red.

	Re-pot into	Zones 5-9
#1 2-3' WHIP	#5	\$16.15 (5)+
#1 3-4' WHIP	#7	\$18.85 (5)+

***Acer palmatum* var. *dissectum*  
'Viridis'**

**Green Laceleaf Maple**

This most popular weeping green laceleaf flourishes even in fairly deep shade. Yellow, gold, orange-even some red fall color.

	Re-pot into	Zones 5-9
#1 2-3' WHIP	#5	\$16.15 (5)+
#1 3-4' WHIP	#5	\$18.85 (5)+
#2 3-4' LT BRCH	#7	\$22.80 (5)+
#2 4-5' LT BRCH	#7	\$25.65 (5)+
2-3' TR WHIP	#5	\$16.15 (10)+
3-4' TR WHIP	#5	\$18.85 (10)+

***Acer palmatum* var. *dissectum*  
'Tamukeyama'**

**Tamuke yama Japanese Maple**

This lace leaf holds its beautiful purple-red foliage throughout the summer and turns scarlet in the fall. It is especially vigorous in hot climates.

	Re-pot into	Zones 5-9
#1 2-3' WHIP	#5	\$16.15 (5)+
#1 3-4' WHIP	#5	\$18.85 (5)+
#2 3-4' LT BRCH	#7	\$22.80 (5)+
#2 4-5' LT BRCH	#7	\$25.65 (5)+
2-3' TR WHIP	#3	\$16.15 (10)+
3-4' TR WHIP	#7	\$18.85 (10)+

**43 kinds of elegant maples  
in a wide variety of sizes to fit your needs**

## *Acer palmatum* var. *atropurpureum*

### Red Japanese Maple

One-year plants are perfect for re-potting to grow on for a season; transplants are best for prompt resale. For best branching, lightly pinch the stem tips when they're in tender new growth. An inexpensive alternative to grafted varieties, they are often sold in garden centers in a #1 or #2 pot.

	Re-pot into	Zones 5-8
MP 1-2'	#1	\$2.85 (50)+
2-3' TR	#1	\$8.85 (10)+
3-4' TR	#7	\$11.35 (10)+

## *Acer pseudoplatanus*

### Sycamore Maple

Vigorous and easy to grow in the nursery, this gives the plant an aggressive tendency, especially in rocky, dry conditions where other trees fail. Accordingly, these are offered strictly for rootstock use. This maple has the remarkable trait of a "universal donor" as a rootstock for many, but not all maples. We've successfully grafted everything from *Acer pentaphyllum* to *Acer griseum* onto it with no sign of long term incompatibility.

	Re-pot into	Zones 5-8
3/16"	#1	\$1.85 (50)+
1/4"	#1	\$2.00 (50)+

## *Acer pseudoplatanus* 'Esk Sunset'

### Esk Sunset Sycamore Maple

"Variegated" doesn't begin to describe this extraordinary cultivar of a species that generally lacks ornamental merit. In addition to the leaves being purple beneath, they are a kaleidoscope of astonishing variegation throughout. It doesn't burn in full sun, and is exceptionally drought resistant and cold hardy. Whether placed as an accent against larger, darker trees, or as a specimen up front, it will elicit comments from all who enjoy seeing it for the first time. This goes on your 'buy list'. Make sure of it, OK? You'll be back for more.

	Re-pot into	Zones 4-8
LP21ci	#3	\$13.15 (25)+

## *Acer pseudosieboldianum*

### Korean Maple

The outstanding features of this small Asiatic maple are its extreme cold-hardiness and brilliant yellow, red and orange fall color. Not injured by wintertime lows down to -40°F. This is a full 20°F colder than the low temperature limit of other Japanese maples! Here's a fine plant to add some spice to gardens in the upper Midwest. Seed source is northeast China.

	Re-pot into	Zones 3-8
MP	#1	\$2.70 (50)+

## *Acer pseudosieboldianum*

### ssp. *takesimensis*

### Ullong Korean Maple

From an island in the Sea of Japan, this tree is strongly upright with a central leader. It is not as hardy as seedlings grown from Northern China seed, but is so easy to grow as a nursery plant. This Korean Maple will grow fairly narrowly to 25-40 ft. tall. Good fall color.

	Re-pot into	Zones 6-9
#1 2-3' WHIP	#5	\$16.15 (5)+
#1 3-4' WHIP	#5	\$18.85 (5)+

## *Acer rubrum*

### Red Maple

Among the best known of eastern North American trees because it is well adapted. We offer these seedlings as an alternative to more expensive named selections.

	Re-pot into	Zones 3-9
1-2' WHIP	#3	\$1.45 (50)+
2-3' WHIP	#3	\$2.35 (50)+
3-4' TR	#7	\$10.50 (10)+
4-5' TR	#7-10	\$13.85 (5)+

## *Acer rubrum* 'Bowhall'

### Bowhall Red Maple

Selected more than 75 years ago, but still among the best of street trees for areas with summer moisture and acidic soil. Its modest growth rate helps to form a tighter-branched, more tidy tree than ubiquitous 'Armstrong'. Not as columnar as the variety, 'Columnare'.

	Re-pot into	Zones 4-8
XP WHIP	#5	\$13.50 (5)+

## *Acer rubrum* 'Brandywine'

### Brandywine Red Maple

Introduced by the National Arboretum and widely adapted, especially to the South, it is of broad pyramidal form and late season, deep red fall color.

	Re-pot into	Zones 4-9
XP WHIP	#5	\$13.50 (5)+

## *Acer rubrum* 'Red Rocket'

### Red Rocket Red Maple

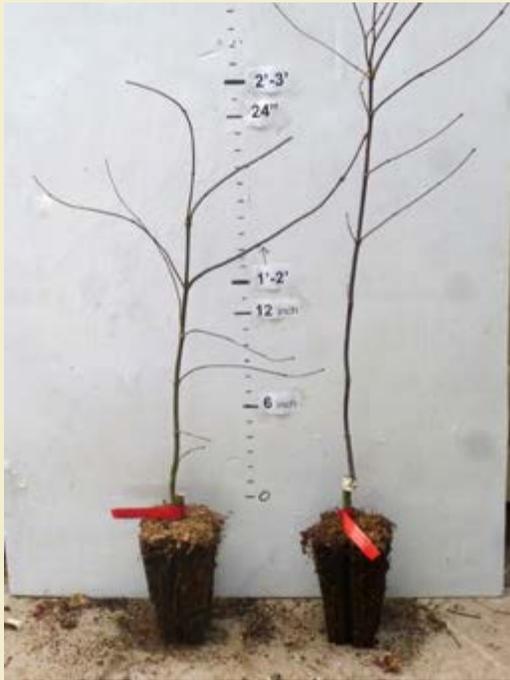
Columnar form like 'Bowhall', a better choice for the North due to exceptional cold hardiness. Deep red autumn color.

	Re-pot into	Zones 3-7
XP WHIP	#5	\$13.50 (5)+



# Maple Size Examples

See also pages 50-51.



**XP 1-2' & 2-3'**



**#1 pot 2-3' & 3-4' whips\***

**\*Plants are removed from pots for shipping.**



**#2 pot LT BRCH**



**Field-grown, bareroot**

## ***Acer rubrum* 'Sun Valley'**

### **Sun Valley Red Maple**

Grow this selection for its smaller mature stature and more refined appeal... a tamer version of red maple for cramped sites: 30-40% smaller canopy size than most cultivars.

<b>XP WHIP</b>	Re-pot into <b>#5</b>	<b>Zones 3-8</b> <b>\$13.50 (5)+</b>
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## ***Acer saccharum***

### **Sugar Maple**

Used as a specimen native tree, this is an American classic. Potentially imposing in mature size - to 75 ft. tall. Many cultivars have been selected and these are always popular, handsome trees.

<b>LP21ci 3/16"</b>	Re-pot into <b>#1</b>	<b>Zones 3-8</b> <b>\$2.60 (25)+</b>
<b>LP21ci 1/4"</b>	<b>#1</b>	<b>\$2.95 (25)+</b>

## ***Acer saccharum* 'Green Mountain'**

### **Green Mountain® Sugar Maple**

Well known cultivar having better heat and drought tolerance than most other varieties. Fall color is a good orange/red in the far North, but it tends to be yellow elsewhere. Forms an upright oval to 50 ft.

<b>3-4' WHIP</b>	Re-pot into <b>#5</b>	<b>Zones 3-9</b> <b>\$19.35 (10)+</b>
<b>4-5' WHIP</b>	<b>#7</b>	<b>\$21.15 (10)+</b>

Prices include a \$0.50 royalty

## ***Acer saccharum* 'Baillista' FALL FIESTA®**

### **FALL FIESTA® Sugar Maple**

Reliable fall color, moderate growth, full size sugar maple with broadly ovate form and a central leader

<b>3-4' WHIP</b>	Re-pot into <b>#5</b>	<b>Zones 3-8</b> <b>\$19.85 (10)+</b>
<b>4-5' WHIP</b>	<b>#7</b>	<b>\$21.65 (10)+</b>

Prices include a \$1.00 royalty

## ***Acer saccharum* Legacy®**

### **Legacy® Sugar Maple**

Grows well in both the North and the South. It has thick, tatter-free, waxy leaves and fine fall color ranging from red through orange, yellow, and some pink. This heat and drought-resistant tree makes a dense, tight oval in its youth and a rounded crown as it ages.

<b>3-4' WHIP</b>	Re-pot into <b>#5</b>	<b>Zones 3-9</b> <b>\$19.75 (10)+</b>
<b>4-5' WHIP</b>	<b>#7</b>	<b>\$21.55 (10)+</b>

Prices include a \$0.90 royalty

## ***Acer shirasawanum* Moonrise™ 'Munn 001'**

### **Moonrise™ Shirasawa Maple**

Knockout pink-orange new growth on lime-yellow older growth makes Carl Munn's selection an enduring contribution to horticulture in a field already crowded with too many marginally different Japanese maple varieties. Moonrise is very hardy and a much tougher plant than 'Aureum', withstanding -26°F in Chicago and also adapted if in the shade in Dallas/Fort Worth. The amazing orange spring and summer foliage sets this selection apart as absolutely different. Order early to assure an annual supply.

<b>#1 2-3' WHIP</b>	Re-pot into <b>#5</b>	<b>Zones 5-7</b> <b>\$17.15 (5)+</b>
<b>#1 3-4' WHIP</b>	<b>#5</b>	<b>\$19.85 (5)+</b>
<b>#2 3-4' LT BRCH</b>	<b>#7</b>	<b>\$23.80 (5)+</b>
<b>#2 4-5' LT BRCH</b>	<b>#7</b>	<b>\$26.65 (5)+</b>

Prices include a \$1.00 royalty

## ***Acer triflorum***

### **Three-flower Maple**



Bark peels in tight vertical curls. September brings a muted blend of yellow and claret-red foliage, capturing the essence of autumn. During winter, tufts of snow lodge on the peels of grey and honey-colored bark, lending contrast. Often listed as hardy to Zone 5, some growers report it hardy to -40°F - a full zone hardier than *Acer griseum*.

<b>XP (2YR 3-4ft.)</b>	Re-pot into <b>#5</b>	<b>Zones 4-8</b> <b>\$17.00 (5)+</b>
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## ***Acer* × Morning Starburst™ 'Morton UW'**

### **Morning Starburst™ Maple**

Vine Maple x Korean Maple hybrid, with the Korean pollen parent giving this elegant maple its exceptional hardiness. Unblemished by the polar vortex event of late January '19 at the Morton Arboretum near Chicago - minus 20° F low temp. and wind chill to minus 40°F. Attractive bronze foliage and hybrid vigor in the nursery and landscape, combined with its modest size and market-extending hardiness qualify this as a "keeper" maple with predictable performance. Be among the first to make it available to your clients.

<b>#1 2-3' WHIP</b>	Re-pot into <b>#5</b>	<b>Zones 5-8</b> <b>\$17.40 (5)+</b>
<b>#1 3-4' WHIP</b>	<b>#5</b>	<b>\$20.10 (5)+</b>
<b>#2 3-4' LT BRCH</b>	<b>#7</b>	<b>\$24.05 (5)+</b>
<b>#2 4-5' LT BRCH</b>	<b>#7</b>	<b>\$26.90 (5)+</b>
<b>2-3' WHIP</b>	<b>#5</b>	<b>\$17.40 (10)+</b>
<b>3-4' WHIP</b>	<b>#5</b>	<b>\$20.10 (10)+</b>

Prices include a \$1.25 royalty

## **AESCULUS**

### ***Aesculus* × neglecta 'Erythroblastos'**

#### **Sunshine Horsechestnut**

This plant just screams "spring time is here" with pink new growth. The leaves transition from pink to yellowish and then give way to green and yellow flowers. It's a small tree or even a large shrub so it's a good candidate for smaller gardens.

<b>XP</b>	Re-pot into <b>#3</b>	<b>Zones 3-8</b> <b>\$14.85 (5)+</b>
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## **Great Plant Picks...**

a selection of outstanding plants for the maritime Pacific Northwest.

[greatplantpicks.org](http://greatplantpicks.org)





# Hornbeam

## ASIMINA *Asimina triloba* Pawpaw



Widely adapted and tolerant of wet soils, our US native Pawpaw has been under-used as a landscape tree but is attracting substantial attention. This genus is the exclusive forage plant for native Zebra Swallowtail butterfly larvae in the East. Nodding purple flowers are unlike those of any other American tree - curious with their three-lobes, pollinated by flies. The perishable fruits have a memorably delicious taste, are nutritious, and resemble the tropical mango. Bold leaves turn a pleasing yellow in autumn. Our seedlings are greenhouse-grown in root-pruning containers for excellent transplant success.

	Re-pot into	<b>Zones 5-8</b>
<b>3/16" caliper</b>	<b>#2</b>	<b>\$3.85 (50)+</b>

## BETULA *Betula nigra Dura-Heat*<sup>®</sup> 'BNMTF' Dura-Heat<sup>®</sup> River Birch

Holds its yellow autumn leaves a full month longer than Heritage<sup>®</sup>. Has glossier leaves, a tighter habit, and better heat tolerance than Heritage<sup>®</sup> in Zone 9. You already know Heritage<sup>®</sup> is a money-making super tree. Try this one for comparison, especially if you're in the Gulf States.

	Re-pot into	<b>Zones 5-9</b>
<b>MP</b>	<b>#3</b>	<b>\$3.90 (50)+</b>
<b>LP21ci</b>	<b>#3</b>	<b>\$5.75 (25)+</b>

Prices include a \$0.30 royalty

## *Betula nigra Heritage*<sup>®</sup> 'Cully' Heritage<sup>®</sup> River Birch



Selected by Earl Cully many years ago for its outstanding peeling bark, extreme hardiness, resistance to borers, and ability to grow in waterlogged or dry conditions. Whether you clump them in a container or grow them as singles, this is among the easiest of plants to finish: even our smallest liners can grow to 5-6 ft. in a single season. Named Urban Tree of The Year by the Society of Municipal Arborists.

	Re-pot into	<b>Zones 4-8</b>
<b>MP</b>	<b>#3</b>	<b>\$3.85 (50)+</b>
<b>LP21ci</b>	<b>#3</b>	<b>\$5.70 (25)+</b>

Prices include a \$0.25 royalty

## *Betula nigra* Northern Tribute<sup>®</sup> 'Dickinson' Northern Tribute<sup>®</sup> River Birch

The most adaptable River Birch to dry and alkaline soil conditions, in addition to be completely hardy in Zone 3. No dieback from winter injury and no iron chlorosis or the maintenance issues that can cause. The parent tree is the largest of this species observed in the upper Northern Plains. Ivory-colored with striking coppery-bronze exfoliations, the bark is appealing year round. Resistant to birch borers.

	Re-pot into	<b>Zones 3-7</b>
<b>LP21ci</b>	<b>#3</b>	<b>\$5.95 (25)+</b>

Price includes a \$1.00 royalty

## CARPINUS *Carpinus betulus* European Hornbeam



Most often used as a rootstock for popular cultivars. Seedlings can be effectively used to create a hedge or screen and are favored in Europe for this purpose. Hardy to -38°F in Ohio during the extreme winter of '93-'94.

	Re-pot into	<b>Zones 5-7</b>
<b>LP21ci 3/16" caliper</b>	<b>#2</b>	<b>\$2.60 (25)+</b>
<b>LP21ci 1/4" caliper</b>	<b>#2</b>	<b>\$2.85 (25)+</b>
<b>3/16" caliper</b>	<b>#1</b>	<b>\$1.95 (50)+</b>
<b>1/4" caliper</b>	<b>#1</b>	<b>\$2.30 (50)+</b>
<b>3-4' TR HEDGE*</b>	<b>#10</b>	<b>\$12.65 (10)+</b>
<b>4-5' TR HEDGE*</b>	<b>#10</b>	<b>\$16.35 (5)+</b>

\*low-branched for hedges

Plant directly into landscape for max profit.

See *Fagus sylvatica* also.

**Our availability lists are emailed and posted on our website beginning mid August. Look for them monthly after mid-November.**



*Carpinus betulus*  
'Columnaris Nana'

## *Carpinus betulus* 'Columnaris Nana' Dwarf Columnar European Hornbeam

Given no pruning, forms a dense, dwarf, upright tree. It is useful as a walkway or border focal point or as an edging feature. A diminutive hedge could be another landscape option, with the larger-than-usual buds adding to its winter interest. Rarely available in the trade still, but very easy to grow and zero maintenance required other than irrigation. See photo opposite page.

	Re-pot into	Zones 5-7
XP 1-2'	#3	\$17.50 (5)+
1-2' TR	#3	\$20.15 (10)+
2-3' TR	#5	\$23.10 (10)+

## *Carpinus betulus* 'Fastigiata' Pyramidal European Hornbeam

An excellent ornamental because of its clean foliage, generally, upright growth habit, and adaptability. Branches ascend, but its form is not columnar. It has a wide, round base and typically lacks a central leader.

	Re-pot into	Zones 5-7
XP 2-3'	#5	\$15.95 (5)+
XP 3-4'	#7	\$17.50 (5)+
#2 3-4'	#7	\$19.95 (5)+
#2 4-5'	#10	\$22.30 (5)+
4-5' TR	#7	\$25.80 (10)+
5-6' TR	#10	\$28.20 (10)+

## *Carpinus betulus* 'Frans Fontaine' Frans Fontaine European Hornbeam

Similar to 'Fastigiata', but with slower growth habit and a more dense foliage. Columnar form grows to 40 ft. at maturity. The attractive leaves turn to gold in the fall, a contrast to the smooth, gray bark.

	Re-pot into	Zones 5-7
XP 4-5'	#7	\$18.80 (5)+
XP 5-6'	#7	\$20.05 (5)+
4-5' TR	#7	\$25.80 (10)+
5-6' TR	#10	\$28.20 (10)+

**11 Hornbeams - unusual grafts, native and exotic, including our own columnar Korean selection, Model Rocket™.**

## *Carpinus betulus* 'Pinoccheo' Pinoccheo European Hornbeam

Much less congested branch structure than seedlings or the varieties 'Fastigiata' & 'Frans Fontaine'. Observant nurseryman Lanny Rawdon of Arborvillage in Holt, MO reports that it's a robust grower in the Midwest, with a strongly upright form as a young tree. It's distinctly pyramidal in winter branch structure, and clonal propagation assures its predictable landscape uniformity, Lanny tells us it survived -35°F in the harsh winter of 1983. This is a really tough, handsome tree for just about any landscape in Zones 3-8.

	Re-pot into	Zones 3-8
XP 3-4'	#5	\$17.50 (5)+
XP 4-5'	#7	\$18.80 (5)+
#2 4-5'	#7	\$22.30 (5)+
#2 5-6'	#10	\$24.65 (5)+
4-5' TR	#7	\$25.80 (10)+
5-6' TR	#10	\$28.20 (10)+

## *Carpinus caroliniana* American Hornbeam, Muscledwood



Pest-free and widely adapted to conditions from the stream-side to the neighborhood mall. It's surprising the trade has not more widely embraced this American native. Fall color is an appealing mix of soft red, yellow and orange. Squirrels risk falling from the slenderest of branches to eat every possible fat, fertile seed in October.

	Re-pot into	Zones 4-9
MP	#1	\$1.90 (50)+
LP21ci	#3	\$2.45 (25)+
1-2'	#1-2	\$1.55 (50)+

## *Carpinus car.* Fire Belle™ 'JN Select AA' Fire Belle™ Muscledwood

Selected by Michael Yanny at Johnson's Nursery in about 2011 for its brilliant-red consistent fall color, moderate growth rate, dense branching and rounded form. The tree was first picked out of a crop of about 1000 seedlings in 2007 as having superior vigor and then later (2011-2014) showing the spectacular, red fall color. It may have the brightest fall color of any *Carpinus caroliniana*. This is useful as a specimen plant either in full sun or the shade and tolerates heavy soils well. It should not be used in droughty soils and develops its best fall colors in full sun. The original plant was measured in October of 2016 at 13' tall by 13' wide, age 15. See photo

	Re-pot into	Zones 3-7
XP 3-4'	#5	\$21.90 (5)+
XP 4-5'	#5	\$23.90 (5)+

Prices include a \$1.50 royalty

*Carpinus caroliniana*  
Fire Belle™ 'JN Select AA'

## **Carpinus caroliniana Wisconsin Red™** **Wisconsin Red™ Muscledwood Seedlings**

Amazing fall color, so much so in fact, if you didn't know better you would suspect it was a different species. Raging reds, oranges and yellow autumn tones set this strain apart from ordinary seedlings.

	Re-pot into	Zones 3-7
MP	#1	\$3.15 (50)+
LP21ci 1-2'	#3	\$3.50 (25)+
3-4' TR	#7	\$10.65 (10)+
4-5' TR	#10	\$14.05 (5)+

Prices include a \$0.20 royalty

## **Carpinus coreana** **Korean Hornbeam**

Rare in the wholesale nursery trade, this species also merits wider use as a small specimen tree. It develops a strong drought-resistant root system, remains small, and has excellent ornamental character. The best bonsai choice among hornbeams because of its tiny leaves and shrubby, short irregular stems.

	Re-pot into	Zones 5-8
MP	#1	\$2.80 (50)+
LP21ci	#2	\$3.85 (25)+

## **Carpinus coreana Model Rocket™** **Model Rocket™ Korean Hornbeam**

We've always had a fascination with the distinctive strong variation in seedlings of this species, and this is the best of many columnar forms we've observed over the past 20 years. Perfect as a street tree because of its narrow growth habit (5' x 20' after a dozen years), its strongly mycorrhizal roots give it exceptional drought tolerance and its tiny leaves mean it never makes a cleanup mess after leaf drop. Branches are tough, they don't break under an ice load like faster-growing, weaker red maples or birches. Fall color favors yellow sprinkled with a bit of orange, and gives way to a pleasing outline of narrow-angle ascending branches. Included bark in the branch crotches seems to never be a problem. A Heritage original, new to the trade this season.

	Re-pot into	Zones 5-8
XP 2-3'	#5-7	\$16.90 (5)+
XP 3-4'	#7	\$18.90 (5)+
#2 3-4'	#7	\$19.95 (5)+
#2 4-5'	#7	\$22.30 (5)+

## **Carpinus xSkylark™** **Skylark™ Hornbeam**

Combines the hardiness of *Carpinus caroliniana* with the upright habit of *Carpinus betulus* 'Fastigiata'. Pest free, its remarkable adaptive character is enhanced by hybrid vigor and strong mycorrhizal roots that allow it to thrive even in droughty conditions. Treat them with routine nursery care and watch them make you money.

	Re-pot into	Zones 5-8
XP 3-4'	#5	\$18.70 (5)+
XP 4-5'	#7	\$20.00 (5)+
#2 4-5'	#10	\$23.50 (5)+
#2 5-6'	#10	\$25.85 (5)+
4-5' TR	#10	\$27.00 (5)+
5-6' TR	#10	\$28.40 (5)+

Prices include a \$1.20 royalty

## **CARYA** **Carya ovata** **Shagbark Hickory**

Magnificent, iconic American tree notably missing from the landscape tree for its pesky habit of resisting traditional nursery culture in the fashion of oaks or baldcypress. Tap-rooted character in the extreme. **However**, we're growing these in large root pruning plugs, air slots on all 5 sides, so their innate taproot character is changed from the get-go at seed germination. The fact is, the reputation for its inability to transplant is a relic of the past, given modern air-pruning pot technology. With liquid feed, greenhouse doors closed, and plenty of water in grow bags or air-pruning pots offered now by many suppliers, it's a tree of considerable potential. Instant recognition by all who see one, be a nursery pioneer again and give these a try if you're set up for it. A few growers are beginning wholesale culture, so look for more of these being available at profitable price points.

	Re-pot into	Zones 4-8
LP21ci	#2	\$7.80 (25)+



**Celtis occidentalis**

# CELTIS

## *Celtis occidentalis*

### Common Hackberry

Hackberry has an extensive natural range in the Eastern US indicating it's tough, drought and cold-tolerant nature. Leaves are coarse and grey/green in the summer, and become yellowish in the fall. The small yellow to purple fruit is edible but usually eaten by wildlife. Grows from 40-60+ ft. tall, almost as wide. See photo

	Re-pot into	<b>Zones 3-9</b>
1-2'	#1-2	\$2.05 (50)+
2-3'	#1-2	\$2.55 (50)+

# CERCIDIPHYLLUM

## *Cercidiphyllum japonicum*

### Katsuratree

This hardy, medium-sized tree is truly distinctive. Heart-shaped leaves attract interest, changing from translucent bronze in spring, to summer green, to yellow and apricot-orange in autumn. Multi-trunked specimen trees with shaggy bark have eye-catching appeal. Throughout the seasons, it is among the most appealing of any hardy landscape tree. Dr. Mike Dirr names it his personal favorite. These liners are exceptional, with a strong central leader.

	Re-pot into	<b>Zones 5-8</b>
MP	#2	\$2.20 (50)+

## *Cercidiphyllum jap. Claim Jumper*™<sup>HS11</sup>

### Claim Jumper™ Golden Katsuratree

A Distinctive Heritage Seedlings introduction, this katsura has golden summer foliage. The leaves emerge with a pink blush and unfurl to soft yellow. Throughout summer the more shaded leaves turn green, while those in sun remain yellow or turn almost white. autumn yields the characteristic sweet fragrance and buttery golden color of the species. Best for a site with some late afternoon sun protection, but it has proved remarkably resistant to sunburn in Tennessee.

	Re-pot into	<b>Zones 5-8</b>
#1 3-4'	#5	\$19.95 (5)+
#2 4-5'	#10	\$22.30 (5)+
#2 5-6'	#10	\$24.65 (5)+

## *Cercidiphyllum japonicum 'Pendula'*

### Weeping Katsuratree

Bluish-green leaves flutter in the breeze giving it the impression of a shimmering waterfall. Native to China and Japan, the leaves turn earthy shades of orange and yellow in autumn and have a caramel-like fragrance before they fall. Mature height is 30+ ft.

	Re-pot into	<b>Zones 5-8</b>
#1 3-4'	#5	\$19.95 (5)+

## *Cercidiphyllum japonicum 'Rotfuchs'*

### Red Fox Katsuratree

Often times listed as 'Red Fox', this reddish-leaved form is more slow growing than most - dense and upright. See photo

	Re-pot into	<b>Zones 5-8</b>
#1 3-4'	#5	\$19.95 (5)+



*Cercidiphyllum japonicum 'Rotfuchs'*

# CERCIS

## *Cercis canadensis*

### Eastern Redbud

Widely adapted and often associated with Cornus florida in its native range. Bright pink flowers appear in the first warm days of spring; a delight after a long winter. Grow them on for a fast finish in fall, or graft/bud any of the fine cultivars. See photo

	Re-pot into	<b>Zones 5-9</b>
MP 3/16" caliper	#1	\$2.10 (50)+
3/16" caliper	#1	\$1.80 (50)+
1/4" caliper	#1	\$2.10 (50)+
3-4' TR	#3	\$10.20 (10)+

## *Cercis canadensis Black Pearl*™ 'JN16'

### Black Pearl™ Redbud

This is another Ray Jackson section for very dark purple foliage which, in the right light, appears black even in our cool Oregon climate. It is going to bring a lot of excitement to this market and will create great value for the garden center trade. Lavender flowers. Supply is very limited.

	Re-pot into	<b>Zones 5-9</b>
#1 3-4'	#5	\$21.30 (5)+
#1 4-5'	#10	\$22.00 (5)+

Prices include a \$1.50 royalty

Size Guide pages 50-51

## **Cercis can. Flame Thrower®** PP31260

### **Flame Thrower® Redbud**

Red pink orange new growth ages to yellow and then green. Very dramatic.

	Re-pot into	Zones 5-9
#1 2-3'	#5	\$20.65 (5)+
#1 3-4'	#7	\$24.30 (5)+

Prices include a \$2.50 royalty

## **Cercis canadensis 'Forest Pansy'**

### **Forest Pansy Redbud**

Popular variety with maroon-colored leaves. Flower color same as the species. Leaf color is darkest when planted in full sun.

	Re-pot into	Zones 5-9
#1 3-4'	#5	\$16.15 (5)+
#1 4-5'	#7	\$18.35 (5)+
3-4' TR	#5	\$20.65 (10)+
4-5' TR	#7	\$23.40 (10)+

## **Cercis can. Lavender Twist® 'Covey'**

### **Lavender Twist® Weeping Redbud**

Selected by Ohio tree connoisseur Tim Brotzman. Strongly weeping tree with masses of lavender-pink, pea-shaped flowers in late spring. Dark green, glossy summer foliage.

	Re-pot into	Zones 5-9
#1 3-4'	#5	\$17.15 (5)+
#1 4-5'	#7	\$19.35 (5)+

Prices include a \$1.00 royalty

## **Cercis canadensis 'Ruby Falls'**

### **Ruby Falls Redbud**

Result of a 'Forest Pansy' x 'Covey' cross, this is a hardy, compact genetic "combo" of purple foliage in a redbud weeper. If you don't mind staking it until it gets to 8 ft. or more, it will reward your efforts with small stature and clearly unique character to make your clients proud.

	Re-pot into	Zones 5-9
#1 3-4'	#5	\$18.90 (5)+
#1 4-5'	#7	\$21.10 (5)+
3-4' TR	#5	\$21.10 (10)+
4-5' TR	#7	\$23.40 (10)+

Prices include a \$2.75 royalty

## **Cercis canadensis The Rising Sun™ 'JN2'**

### **The Rising Sun™ Golden Redbud**

Introduced by Ray and Cindy Jackson. New growth has a light, Pumpkin-orange tint that distinguishes it from the uniformly green-ish-yellow color of 'Hearts of Gold'. In the heat of the Midwest and SE, it doesn't burn; that just makes it grow faster. We think you'll be amazed at its incandescent attractiveness, whether in a wholesale nursery or potted up for direct sale in a GC.

	Re-pot into	Zones 5-9
#1 3-4'	#5	\$18.15 (5)+
#1 4-5'	#7	\$21.35 (5)+

Prices include a \$2.00 royalty

## **Cercis ×'Merlot'**

### **Merlot Redbud**

A relatively new dark purple-leaf cultivar, its Texas redbud parentage lends it more drought and heat tolerance, so it doesn't show leaf stress in the heat of summer. It has glossy, small rounded leaves, smaller than 'Forest Pansy', and it has an upright vase-shaped growth habit. Tighter, more dense habit than 'Forest Pansy'. Mature plants flower heavily with strong bright pink flowers that produce few pods; This maintains a clean look to the tree later in the season.

	Re-pot into	Zones 5-9
#1 3-4'	#5	\$18.60 (5)+
#1 4-5'	#7	\$19.85 (5)+
3-4' TR	#5	\$20.60 (10)+

Prices include a \$2.25 royalty

## **CHIONANTHUS**

### **Chionanthus virginicus**



### **White Fringetree**

Shiny dark green leaves and abundant white, pleasantly fragrant flowers showcase this classy American native. Much hardier than Chionanthus retusus, it performs best in full sun and is remarkably versatile - from moist lowlands to dry hillsides. Among the finest of ALL landscape plants, not just natives.

	Re-pot into	Zones 4-9
1-2'	#1	\$3.95 (50)+
2-3' TR	#3	\$6.70 (10)+
3-4' TR	#3	\$9.65 (10)+



**Cercis canadensis**  
**Flame Thrower®** PP31260

# Dogwood

## CLADRASTIS

*Cladrastis kentukea*    
**American Yellowwood**

Still uncommon in cultivation, this is an exceptional ornamental tree. Like wisterias, it is most noted for its large showy drooping clusters of fragrant white flowers, touched with yellow in the center. Introduced into cultivation by André Michaux in 1796. Its roots were chipped and boiled to yield a yellow dye for homespun fabrics before synthetic dyes became available. Adapted across a wide range of soil pH, it prefers a reasonably moist, yet well-drained soil with full sun and space to grow.

Re-pot into **Zones 4-8**  
**LP21ci #2 \$3.30 (25)+**

## COMPTONIA

*Comptonia peregrina*  
**Sweet Fern**

With attractive lacey foliage that is very sweetly scented this makes an attractive, colonizing, small shrub that should be planted where it can be seen closely and easily touched to release its fragrance into the air. It has a long history of medicinal uses but is seen less frequently than deserved outside the North East. Hardy almost beyond belief!

Re-pot into **Zones 2-8**  
**LP21ci #2 \$5.60 (25)+**

**We remove pot and plug material from their containers to save you freight and avoid plant damage.  
 See photos p. 20.**

## CORNUS

*Cornus alternifolia*   
**Pagoda Dogwood**

Shrubby tree with a prominently horizontal, tiered branch pattern, suggesting its common name. Flat clusters of fragrant May flowers add to its layered ornamental appearance. Blue-black fruits ripen in late summer, followed by bronze autumn foliage.

Re-pot into **Zones 3-7**  
**MP #1 \$2.25 (50)+**

*Cornus 'Eddie's White Wonder'*   
**Eddie's White Wonder Dogwood**

Large flowers, exceptionally fast hybrid growth, and tree-like form make this cultivar an attractive, under-used plant for the Pacific Northwest.

Re-pot into **Zones 7-9**  
**#1 3-4' #7 \$22.15 (5)+**  
**#1 4-5' #10 \$24.90 (5)+**  
**3-4' TR #7 \$22.15 (10)+**  
**4-5' TR #10 \$24.90 (10)+**

*Cornus Rosy Teacups*® 'F70:R11,P13' PP 26,211  
**Rosy Teacups® Dogwood**

Very fine hybrid from Rutgers, this *Cornus kousa* × *nuttallii* hybrid has stunning pink-red blossoms. One of the top red dogwood on the market. A well branched and freely-flowering tree, it is disease resistant, hardy, and has great red fall color.

Re-pot into **Zones 5-8**  
**3-4' TR #5 \$23.90 (10)+**  
**4-5' TR #7 \$26.65 (10)+**  
**4-5' LT BRCH #7 \$30.30 (5)+**  
**5-6' LT BRCH #10 \$33.50 (5)+**

Prices include a \$1.75 royalty



**Cornus 'Eddie's White Wonder'**



**Cornus florida Ragin' Red™ 'JN13'**

**Cornus Stellar Pink® 'Rutgan'**  
**Stellar Pink® Dogwood**

Muted shades of pink make this a highly attractive plant, even if it's not the deepest pink flower color on the market. Hybrid vigor.

	Re-pot into	<b>Zones 5-8</b>
<b>3-4' LT BRCH</b>	<b>#7</b>	<b>\$23.60 (5)+</b>
<b>4-5' LT BRCH</b>	<b>#10</b>	<b>\$26.45 (5)+</b>

Prices include a \$0.50 royalty

**Cornus ×Venus® 'KN 30-8' PP 16,309'**  
**Venus® Dogwood**



Huge white flowers, foliage resistant to the leaf diseases that plague seedling flowering dogwoods. Here in Oregon, our stock plants flower for a month starting in early to mid-May. Its exceptional vigor can result in too-leggy growth, even with routine fertilizer use, so manage nitrogen application conservatively.

	Re-pot into	<b>Zones 6-8</b>
<b>#1 3-4'</b>	<b>#7</b>	<b>\$23.65 (5)+</b>
<b>#1 4-5'</b>	<b>#10</b>	<b>\$26.40 (5)+</b>
<b>3-4' LT BRCH</b>	<b>#7</b>	<b>\$24.60 (10)+</b>
<b>4-5' LT BRCH</b>	<b>#10</b>	<b>\$27.45 (5)+</b>

Prices include a \$1.50 royalty.

**Cornus elliptica**  
**Empress of China® 'ELSBRY'**

**Empress of China® Evergreen Dogwood**

An evergreen Chinese Dogwood with a graceful, yet vigorous habit and loads of flowers. Each branch holds dozens of white blooms that eventually transform into translucent strawberry-like fruit. Empress of China will light up your partly-shaded garden year-round color and excitement. It relishes heat.

	Re-pot into	<b>Zones 6-9</b>
<b>LP40ci</b>	<b>#3</b>	<b>\$15.55 (10)+</b>

Price includes a \$1.50 royalty

**What an amazing collection of fine dogwoods: 18 to choose from!**

**Cornus florida**  
**Flowering Dogwood**

Beautiful small American native with tiered branching. Wonderful floral display of white flowers and great fall color. Despite the enormous number of named selections out there, when one sees seedling specimens in the East in cemeteries or parks, there are always plenty of these that elicit, "Someone ought to name that one."

	Re-pot into	<b>Zones 5-9</b>
<b>MP 3/16" caliper</b>	<b>#1</b>	<b>\$1.85 (50)+</b>
<b>LP21ci 3/16" caliper</b>	<b>#2</b>	<b>\$2.15 (25)+</b>
<b>LP21ci 1/4" caliper</b>	<b>#2</b>	<b>\$2.60 (25)+</b>

**Cornus florida 'Cherokee Brave'**  
**Cherokee Brave Dogwood**

Late-flowering form, essentially disease free. Deep pink to red flowers on this dogwood that makes most growers' top ten list.

	Re-pot into	<b>Zones 5-9</b>
<b>2-3' TR</b>	<b>#5</b>	<b>\$18.70 (10)+</b>
<b>3-4' LT BRCH</b>	<b>#7</b>	<b>\$23.10 (10)+</b>
<b>4-5' LT BRCH</b>	<b>#10</b>	<b>\$25.95 (5)+</b>

**Cornus florida Ragin' Red™ 'JN13'**  
**Ragin' Red™ Flowering Dogwood**

Darkest red floral bracts of any *C. florida*. Here in Oregon it also has very dark red leaves, nearly all summer long.

	Re-pot into	<b>Zones 5-8</b>
<b>2-3' TR</b>	<b>#5</b>	<b>\$20.20 (10)+</b>
<b>3-4' TR</b>	<b>#7</b>	<b>\$24.00 (10)+</b>

Prices include a \$1.50 royalty



**The Gold Medal Plant Award of the Pennsylvania Horticultural Society**

recognizes trees, shrubs and woody vines of outstanding merit for their superb eye-appeal, performance, and hardiness in Zones 5-7.

## Cornus kousa 'Greensleeves' Greensleeves Dogwood



Cappiello and Shadow, in their book, Dogwoods, call it one of the very best *Cornus kousa* varieties. Our own experience and that of growers across a broad range confirms their evaluation. Strong growth makes it a great nursery plant, and its handsome foliage and abundant flowers give it universal appeal. Flowers suffused with a hint of green on cream. Heavy fruit set against deep green waxy foliage that turns to autumn shades of red and purple.

	Re-pot into	Zones 5-8
2-3' TR	#5	\$18.70 (10)+
3-4' TR	#7	\$22.15 (10)+
3-4' LT BRCH	#7	\$23.10 (10)+
4-5' LT BRCH	#10	\$25.95 (5)+

## Cornus kousa 'Satomi' Satomi Dogwood



Best known of the pink *Cornus kousa* selections. Flowers are a rich variety of muted pinks over a period of almost a month! Leaves also tinted with a bit of maroon, adding summer-long interest. Income potential matches its ornamental promise, as its growth is upright and strong. It is not patented, and almost never develops the disease problems associated with *Cornus florida*. Flowers brightest pink in full sun.

	Re-pot into	Zones 5-8
#1 3-4'	#5	\$20.10 (5)+
#1 4-5'	#7	\$22.60 (5)+
2-3' TR	#5	\$18.70 (10)+
3-4' TR	#7	\$22.15 (10)+
3-4' LT BRCH	#7	\$23.10 (10)+
4-5' LT BRCH	#10	\$25.95 (5)+

## Cornus kousa Scarlet Fire™ 'Rutpink' PP28,311 Scarlet Fire™ Dogwood



This is the first *kousa* dogwood released from the fabled Rutgers breeding program. It was selected for its deep pink to fuchsia colored bracts. They almost glow from a distance. The bracts are pointed and do not overlap, developing an attractive starry shape.

	Re-pot into	Zones 5-8
3-4' LT BRCH	#5	\$25.45 (10)+
4-5' LT BRCH	#5	\$28.30 (5)+

Prices include a \$2.35 royalty



**Cornus kousa**  
**'Summer Gold'** PP 22,765



**Cornus kousa Scarlet Fire™ 'Rutpink' PP28,311**

## Cornus kousa Snow Tower® Snow Tower® Dogwood

It has all the features you've come to expect from Chinese dogwood: excellent white flowers followed by showy fruit, great fall color of orange red. This variety has a much narrower habit - to only 8 ft. wide in twenty five years. Snow Tower® could easily be utilized as a street tree.

	Re-pot into	Zones 5-8
2-3' TR	#5	\$18.55 (10)+
3-4' TR	#7	\$23.00 (10)+
3-4' LT BRCH	#7	\$26.30 (10)+
4-5' LT BRCH	#10	\$29.40 (5)+

Prices include a \$0.85 royalty.

## Cornus kousa 'Summer Fun' Summer Fun Dogwood

Introduced by Talon Buchholz, this brilliant, white-margin variegated clone seems perfectly sun tolerant and puts on a show to rival any of the daunting number of other white-variegated *kousas*. It is the most vigorous variegated clone we have grown.

	Re-pot into	Zones 5-8
2-3' TR	#5	\$18.70 (10)+
3-4' TR	#7	\$22.15 (10)+
3-4' LT BRCH	#7	\$23.10 (10)+
4-5' LT BRCH	#10	\$25.95 (5)+

## Cornus kousa 'Summer Gold' PP 22,765 Summer Gold Dogwood

Crispin Silva of Crispin's Creations, Molalla, OR has a sharp eye for plants of superior ornamental merit. We recognized his selection had an auspicious future so we were the first to offer it in the wholesale trade. Distinctly upright in form, as opposed to the other gold-variegated dogwood, 'Gold Star'. Its uniform yellow variegation, uncrinkled leaves and strong growing habit qualify it a money-maker.

	Re-pot into	Zones 5-8
2-3' TR	#5	\$20.35 (10)+
3-4' TR	#5	\$22.80 (10)+
3-4' LT BRCH	#7	\$27.10 (10)+
4-5' LT BRCH	#10	\$30.20 (5)+

Prices include a \$1.65 royalty

## Examples of what you'll get when your plants arrive.



Our harvest and grading starts just ahead of shipping. That way we are able to quickly get you fresh liners delivered quickly.



Rootstock plants like these *Magnolia kobus* plugs are graded by caliper. We top most rootstocks before harvest to reduce shipping costs.

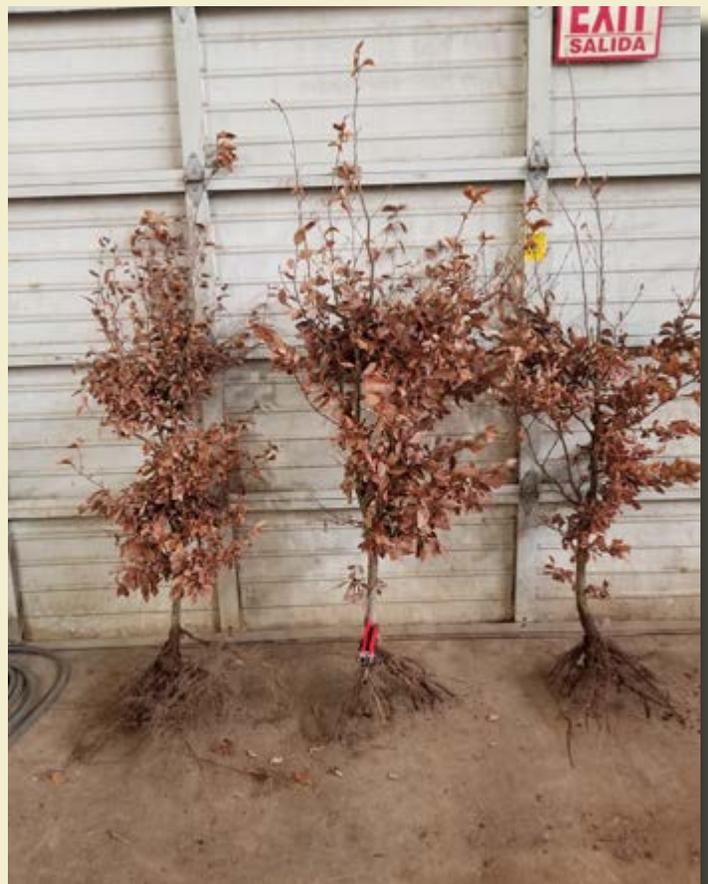


Grafted trees like these 'Inaba shidare' maples are graded by height with the rootballs netted for fast, easy handling & to minimize soil mix loss during handling and transit.

We prune plants throughout the growing season to promote their best growth and form. Contact us about a growing agreement if you have special needs.



Naturally shrubby items, like hydrangea, may be pruned back to promote bushier growth. They'll cover your container faster.



Heavy grade *Fagus* or *Carpinus betulus* are topped in the field to promote lower branching. These will form hedges quickly, allowing faster turns in your care.

## Cornus kousa var. chinensis

### Chinese Dogwood

Mostly free of anthracnose leaf disease, and always popular in the nursery trade because seedlings are inexpensive and easy to grow in a pot. Spectacular when laden with masses of large-bracted flowers. Vase-shaped at maturity, it differs significantly from *Cornus florida* by blooming a full month later and has more attractive, strawberry-like fruits. autumn color is a showy burgundy, and fruits ripen at different stages in colors of green, yellow, orange, and red. Differs from *Cornus kousa*, Japanese Dogwood, in its more upright growth, longer internodes, and larger leaves and flowers. These characteristics make it profitable as an ornamental garden center promo item, and as a dependable rootstock.

	Re-pot into	<b>Zones 5-8</b>
<b>MP 1/8" caliper</b>	<b>#1</b>	<b>\$1.40 (50)+</b>
<b>MP 3/16" caliper</b>	<b>#1-2</b>	<b>\$1.60 (50)+</b>

## Cornus mas

### Corneliancherry Dogwood

Very hardy. Prized for its ornamental bark and fruit, small stature, and disease-free character. March flowers provide a splash of yellow to herald the first days of spring. Variability in form and flower; however, this motivates a trend toward using seedlings as rootstock for named varieties that are selected for abundant flowers and large fruit.

	Re-pot into	<b>Zones 4-8</b>
<b>MP</b>	<b>#1</b>	<b>\$2.10 (50)+</b>
<b>LP21ci</b>	<b>#2</b>	<b>\$2.65 (25)+</b>
<b>3/16" caliper</b>	<b>#2</b>	<b>\$2.10 (50)+</b>
<b>1/4" caliper</b>	<b>#2</b>	<b>\$2.30 (50)+</b>

## Cornus sericea

### Redtwig Dogwood

Tolerates wet or dry conditions. Occasional pruning promotes best winter stem color. Exceptionally tough shrubs grown for their bright winter stems.

	Re-pot into	<b>Zones 3-7</b>
<b>1-2'</b>	<b>#1</b>	<b>\$1.20 (50)+</b>

## CORYLUS

### Corylus avellana 'Contorta'

#### Harry Lauder's Walking Stick

Well-known "heirloom" variety cultivated for its odd twisted branches. The effect is most obvious in the winter. After a generation, it becomes a 12 ft. globose shrub. Puts on an interesting late winter flower display of long yellow catkins.

	Re-pot into	<b>Zones 4-8</b>
<b>LP40ci</b>	<b>#2</b>	<b>\$13.65 (10)+</b>

## COTINUS

### Cotinus coggygia Golden Spirit®

'Ancot' PP 13,082

#### Golden Spirit® Smoketree

Unusual for its yellow to lime-green summer foliage, and tufts of soft, smoky gray flowers. A small but vigorous tree, it grows best in full sun and closes out the summer with fall colors of pink, red, and orange.

	Re-pot into	<b>Zones 5-8</b>
<b>#2</b>	<b>#5</b>	<b>\$18.50 (5)+</b>
<b>2 YR TR</b>	<b>#7</b>	<b>\$12.30 (10)+</b>

Price includes a \$0.65 royalty



*Cotinus coggygia* var. *purpurea*

# Beech

## *Cotinus coggygia* var. *purpurea* 'Royal Purple'

### Royal Purple Smoketree



Best known of several varieties, always popular and perfectly uniform genetics as compared to less expensive seed-propagated liners. Buy these for more discriminating clients; buy seedlings for a promo, for a price-conscious customer.

	Re-pot into	Zones 5-8
LP40ci	#3	\$6.85 (10)+
XP	#3	\$10.20 (5)+
2 YR TR	#3	\$13.90 (10)+

## *Cotinus coggygia* var. *purpurea* Purple Smoketree (select seedlings)

Deep purple leaves which hold color throughout the summer. Economic alternative to more expensive cultivars, these can be potted up for a popular, easy to grow promo item in the garden center. The few greenish plants which emerge in our seedlings are pulled out early, so you're assured of receiving plants with uniform, dark purple leaves.

	Re-pot into	Zones 5-8
MP	#1	\$1.85 (50)+
6-12"	#1	\$1.30 (50)+
1-2'	#1	\$1.50 (50)+

## *Cotinus obovatus* American Smoketree



Stunning autumn color. Its flaming fall foliage rivals that of Sugar Maple. Thrives in rocky, dry areas where other trees languish. Larger leaves than *Cotinus coggygia* and much taller in stature at maturity.

	Re-pot into	Zones 4-8
MP	#1	\$2.65 (50)+
1-2'	#1-2	\$2.50 (50)+
3-4' TR	#5	\$12.45 (10)+

## *Cotinus* × 'Grace' Grace Smoketree



Hybrid of the purple-leaved 'Velvet Cloak' and American Smoketree. Vigorous in the nursery, it flashes exceptional fall color.

	Re-pot into	Zones 5-8
XP	#3	\$10.20 (5)+

## DAVIDIA

### *Davidia involucrata* Dove Tree



The intriguing flowers of this Chinese native tree invite closer inspection. Similar to Flowering Dogwood and Chinese Dogwood, the "petals" are actually large white bracts that overshadow the inconspicuous actual flowers. Difficult to propagate and locate in the wholesale trade, Dove Tree is widely adapted and fast-growing to 40 ft. tall. Once established, it makes an strong specimen tree, seldom damaged by ice storms.

	Re-pot into	Zones 6-8
LP40ci	#5	\$10.55 (10)+
XP	#5	\$14.50 (5)+

## DIOSPYROS *Diospyros virginiana* American Persimmon

Native widely distributed in the East. Heat tolerant, tough and having more ornamental character to recommend it than is widely acknowledged. The astringent fruits are most attractive, accented on top with large, persistent calyces. Fruit can be abundant, but isn't usually messy because it persists late into winter, providing a tasty treat for wildlife after the first hard frosts. The deeply furrowed, blocky bark on mature trees is especially handsome when accented by winter snow. Its unobtrusive size and ease of care make this a tree that deserves more attention by designers and landscape firms, and our propagation numbers reflect big recent up-tick in demand.

	Re-pot into	Zones 4-9
3/16" caliper	#1	\$1.35 (50)+
1/4" caliper	#1	\$1.95 (50)+

## ENKIANTHUS *Enkianthus campanulatus* 'Showy Lantern'



### Showy Lantern Redvein Enkianthus

Deciduous shrub growing over ten years to 8 feet tall and almost as wide. Most recommend a woodland or border planting, but in our experience, it appreciates full sun and shows no stress at all if it's given a modest amount of water in the dry season. Don't plant in a wet spot; handle it like any of its rhody relatives. Brilliant orange-red autumn color and lusty pink spring flower clusters that never overpower, but confidently appear and charm all who see them. Give it a prominent spot and just let it be the delicate beauty it naturally is.

	Re-pot into	Zones 7-8
LP40ci	#1	\$8.70 (10)+

## FAGUS *Fagus grandifolia* American Beech

Heat tolerance helps this native tree outperform *F. sylvatica* in the Southeast, and yet it is also cold hardy. Best for large, open area where it is free to grow, reaching heights of 70-90 ft.

	Re-pot into	Zones 3-9
2-3' TR	#5	\$9.45 (10)+

### *Fagus sylvatica* European Beech

The grand patriarch of specimen trees. Generations of horticulturists have selected a rich assortment of beautiful cultivars that are grafted onto rootstocks such as these.

	Re-pot into	Zones 5-8
LP21ci 3/16" caliper	#1	\$2.90 (25)+
LP21ci 1/4" caliper	#1-2	\$3.20 (25)+
3-4' TR HEDGE*	#10	\$10.55 (10)+
4-5' TR HEDGE*	#10	\$14.85 (5)+

\*low branched for hedges

Plant directly into landscape for max profit.

See *Carpinus betulus* also.

***Fagus sylvatica* 'Asplenifolia'**  
**Cutleaf European Beech**

Deeply cut leaves are golden brown in autumn, a lovely contrast to the smooth light gray bark. Container culture makes this delightful shade tree easy to transplant.

	Re-pot into	<b>Zones 5-8</b>
<b>#1 2-3'</b>	<b>#5-7</b>	<b>\$17.55 (5)+</b>
<b>#1 3-4'</b>	<b>#5-7</b>	<b>\$19.70 (5)+</b>

***Fagus sylvatica* 'Dawyck Gold'**  
**Dawyck Golden European Beech**

Tightly upright without pruning. Its moderate growth rate makes it a useful landscape plant. Bright golden spring foliage fades to green, followed by pleasing bronze fall color. Selected in Scotland as a seedling cross of the green 'Dawyck' Columnar Beech and the golden variegated selection 'Zlatia'.

	Re-pot into	<b>Zones 5-8</b>
<b>XP 2-3'</b>	<b>#3-5</b>	<b>\$15.95 (5)+</b>
<b>XP 3-4'</b>	<b>#3-5</b>	<b>\$17.90 (5)+</b>
<b>#1 2-3'</b>	<b>#5</b>	<b>\$17.55 (5)+</b>
<b>#1 3-4'</b>	<b>#7</b>	<b>\$19.70 (5)+</b>

***Fagus sylvatica* 'Dawyck Green'**  
**Dawyck Green European Beech**

Narrowly columnar form, its tight habit in notable contrast to green seedlings that grow to round form as wide or wider than tall. Not a dwarf, it can reach 50+ feet tall.

	Re-pot into	<b>Zones 5-8</b>
<b>XP 2-3'</b>	<b>#3-5</b>	<b>\$15.95 (5)+</b>
<b>XP 3-4'</b>	<b>#3-5</b>	<b>\$17.90 (5)+</b>

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

A favorite purple beech that holds a beautiful narrow, upright form. Selected in Scotland as a chance seedling cross of the green 'Dawyck' Columnar Beech and a purple-leaf form, it has become a mainstay in the landscape trade for its consistent dark purple foliage and appealing upright habit.

	Re-pot into	<b>Zones 5-8</b>
<b>XP 2-3'</b>	<b>#3-5</b>	<b>\$15.95 (5)+</b>
<b>XP 3-4'</b>	<b>#3-5</b>	<b>\$17.90 (5)+</b>
<b>#1 2-3'</b>	<b>#5</b>	<b>\$17.55 (5)+</b>
<b>#1 3-4'</b>	<b>#7</b>	<b>\$19.70 (5)+</b>
<b>3-4' TR</b>	<b>#7</b>	<b>\$25.00 (10)+</b>
<b>4-5' TR</b>	<b>#10</b>	<b>\$28.25 (10)+</b>

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

Differs from 'Purpurea Pendula' by being a "nursery plant" it develops a loose, upright leader instead of trying to be an ugly purple mushroom that requires constant staking. The landscape effect is charming.

	Re-pot into	<b>Zones 5-8</b>
<b>#1 2-3</b>	<b>#5</b>	<b>\$17.55 (5)+</b>
<b>#1 3-4</b>	<b>#7</b>	<b>\$19.70 (5)+</b>

**A dozen beeches...  
 reliably grown and available in quantity**



***Fagus sylvatica* 'Asplenifolia'**

Size Guide pages 50-51



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



## *Fothergilla xintermedia* 'Mt. Airy'

### *Fagus sylvatica* 'Red Obelisk'

#### Red Obelisk European Beech

Combines the merits of dark purple foliage in 'Dawyck Purple' and 'Rohan Obelisk', with its crinkled edge foliage.

	Re-pot into	Zones 5-8
XP 2-3	#3-5	\$15.95 (5)+
XP 3-4	#3-5	\$17.90 (5)+
#1 2-3'	#5	\$17.55 (5)+
#1 3-4'	#7	\$19.70 (5)+

### *Fagus sylvatica* 'Riversii'

#### Riversii Purple European Beech

Deep purple, shiny leaves, upright when young, spreading to form a 60 ft. globe at maturity. Long in cultivation: cemeteries in many Eastern US cities were often planted with this variety, or other purple beeches that have grown into enormous specimens. Fast-growing in the nursery, they also make great field plants to bump later into a #15-20 container.

	Re-pot into	Zones 5-8
XP 2-3'	#3-5	\$15.95 (5)+
XP 3-4'	#3-5	\$17.90 (5)+
#1 2-3'	#5	\$17.55 (5)+
#1 3-4'	#7	\$19.70 (5)+

### *Fagus sylvatica* 'Rohan Obelisk'

#### Rohan Obelisk European Beech

Columnar form with coppery purple leaves that take on green tones after mid-summer. The leaves are lobed and crinkled on this selection.

	Re-pot into	Zones 5-8
#1 2-3'	#3-5	\$17.55 (5)+
#1 3-4'	#5-7	\$19.70 (5)+

### *Fagus sylvatica* 'Rohanii'

#### Purple Sawtooth European Beech

Relatively tight upright form, but not as columnar as the Dawyck selections. Its incised purple leaves with their wavy edges give this popular selection its wide appeal.

	Re-pot into	Zones 5-8
#1 2-3'	#3-5	\$17.55 (5)+
#1 3-4'	#5-7	\$19.70 (5)+

### *Fagus sylvatica* 'Roseomarginata'

#### Tricolor European Beech

Variegated leaves in shades of green, pink, and white that turn to a copper color in fall, making this an unforgettable tree. Exceptionally popular item in a daunting list of cultivars.

	Re-pot into	Zones 5-8
XP 2-3'	#3-5	\$15.95 (5)+
XP 3-4'	#3-5	\$17.90 (5)+
#1 2-3'	#5	\$17.55 (5)+
#1 3-4'	#5-7	\$19.70 (5)+

## FOTHERGILLA

### *Fothergilla xintermedia* 'Mt. Airy'

#### Mt. Airy Fothergilla

A select American native, 'Mt. Airy' merits wider use as compared to its close relatives, the witch hazels, which are much larger in mature stature. Exhibits excellent hardiness, attractive summer foliage and spectacular autumn color. The white bottlebrush flowers are born in showy abundance during April/May.

	Re-pot into	Zones 5-8
LP40ci	#3	\$8.15 (10)+
2YR TR	#5	\$8.90 (10)+



## *Fagus sylvatica* 'Roseomarginata'

# Ginkgo

## GINKGO *Ginkgo biloba* Ginkgo

Witness to the birth and extinction of countless species over a period of 250 million years, Ginkgo survives to charm us with its unique fan-shaped leaves and butter-yellow fall color. Consider that even after Hiroshima, at ground zero it was the lone surviving tree species the following spring. Merits wider use: many new grafted male cultivars are becoming very popular. These are un-sexed seedlings, used almost exclusively for grafting.

	Re-pot into	Zones 4-8
3/16" caliper	#1	\$1.80 (50)+
1/4" caliper	#1	\$2.00 (50)+

## *Ginkgo biloba* 'Autumn Gold' Autumn Gold Ginkgo

Among the most popular of the fruitless male selections. Not as strongly upright as the variety 'Fastigiata', Liners require staking early. With age it attains a handsome form and consistent brilliant gold color in autumn. This clone and 'Saratoga' come from the Saratoga Horticultural Foundation.

	Re-pot into	Zones 4-8
XP 2-3'	#3	\$16.35 (5)+
XP 3-4'	#3	\$18.00 (5)+
#1 2-3'	#3	\$19.25 (5)+
#1 3-4'	#5	\$21.15 (5)+
#2 3-4'	#7	\$24.10 (5)+

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

Goldspire Ginkgo grows slowly but is dense and upright, less than 1/4 as wide as tall. A male selection from Europe, it has golden foliage in autumn.

	Re-pot into	Zones 4-8
XP 2-3'	#3	\$16.35 (5)+
XP 3-4'	#3	\$18.00 (5)+
#1 2-3'	#3	\$19.25 (5)+
#1 3-4'	#5	\$21.15 (5)+
#2 3-4'	#7	\$24.10 (5)+

## *Ginkgo biloba* 'Magyar' Magyar Ginkgo

Upright, fast growing male cultivar. The name means "Hungarian".

	Re-pot into	Zones 4-8
XP 2-3'	#5	\$16.35 (5)+
XP 3-4'	#3	\$18.00 (5)+
#2 3-4'	#7	\$24.10 (5)+

## *Ginkgo biloba* 'Mariken' Mariken Ginkgo

It is a masterpiece, prized for its compact stature and dense foliage, this hardy dwarf tree enjoys full sun and grows with minimal attention. 'Mariken' is an excellent choice for conifer gardens, small spaces, containers, and fairy gardens. Grows 3-4 ft tall x 5-8 ft wide over a 10-year span. Very popular!

	Re-pot into	Zones 4-8
XP 1-2' LOW GRAFT	#3	\$14.15 (5)+
XP 2-3' LOW GRAFT	#3	\$16.35 (5)+
#1 1-2' LOW GRAFT	#3	\$17.50 (5)+
#1 2-3' LOW GRAFT	#3	\$19.25 (5)+
#2 2-3' LOW GRAFT	#3	\$21.20 (5)+
#2 3-4' LOW GRAFT	#5	\$24.10 (5)+

## *Ginkgo biloba* Princeton Sentry® Princeton Sentry® Ginkgo

This male variety grows to 60 ft. tall but only half as wide. With its strong central leader, its form is more pyramidal than truly columnar.

	Re-pot into	Zones 4-8
XP 2-3'	#3	\$16.95 (5)+
XP 3-4'	#3	\$18.60 (5)+
#1 2-3'	#3	\$19.85 (5)+
#1 3-4'	#5	\$21.75 (5)+
#2 4-5'	#7	\$26.90 (5)+

Prices include a \$0.60 royalty

## *Ginkgo biloba* 'Saratoga' Saratoga Ginkgo

One of our favorites, an attractive male selection with distinctly narrow, elongated leaves. Definitely a "top three" selection.

	Re-pot into	Zones 4-8
3-4' TR	#5	\$20.55 (10)+
4-5' TR	#7	\$22.45 (10)+



*Ginkgo biloba* 'Autumn Gold'

## *Ginkgo biloba* Sky Tower™ 'JN9'

### Sky Tower™ Ginkgo

Sky Tower™ is going to be popular because of its dense, upright growth. Slow growing, it will reach 20 ft. and become a great, low maintenance tree.

	Re-pot into	<b>Zones 5-8</b>
XP 2-3'	#2	\$17.35 (5)+
XP 3-4'	#5-7	\$19.00 (5)+

Prices include a \$1.00 royalty

## GORDLINIA

### × *Gordlinia grandiflora*

#### Mountain Gordlinia

A seemingly unlikely combination, this inter-generic hybrid from Dr. Tom Ranney at NCSU combines the hardiness of Franklinia with the cultural ease of Gordonia. White 2 in. flowers, semi-evergreen foliage, and a robust tree-like growth habit make this an exciting flowering tree option to replace the more finicky Franklinia.

	Re-pot into	<b>Zones 7-10</b>
LP40ci	#2-3	\$9.35 (10)+
#1	#3	\$13.90 (5)+

## HALESIA

### *Halesia diptera* var. *magniflora*

#### Large-flowered Silverbell



Enchanting white flower clusters, twice the size of Snowbell (*Styrax japonicus*), and born on generally small trees so they can be appreciated up close. Smaller in stature (to 20 feet or so) than *Halesia tetraptera*, and difficult to find in the tree trade. Book these rare beauties right away if you want them.

	Re-pot into	<b>Zones 5-9</b>
LP21ci	#2	\$7.95 (25)+

### *Halesia tetraptera*

#### Carolina Silverbell

Vigorous, 60-80 ft. tree having abundant bell-shaped flowers on previous year's wood. Flower clusters create an endearing effect, especially when viewed from below or through filtered sunlight.

	Re-pot into	<b>Zones 4-8</b>
LP21ci	#2	\$2.90 (25)+

## HAMAMELIS

### *Hamamelis virginiana*

#### Common Witchhazel

This native American shrub can grow to 20 ft. with equal spread. Prefers moist soil, but full sun in the landscape encourages more compact growth. Cut branches just before the plant blooms for indoor flower display.

	Re-pot into	<b>Zones 3-8</b>
MP 1/8" caliper	#1	\$1.95 (50)+
MP 3/16" caliper	#1	\$2.25 (50)+



× *Gordlinia grandiflora*

### *Hamamelis* × *intermedia*

#### 'Arnold's Promise'



#### Arnold's Promise Witchhazel

Arnold's Promise has quite fragrant yellow flowers opening after other varieties. Fall color is a mix of yellow, orange, and red.

	Re-pot into	<b>Zones 5-8</b>
LP21ci	#2	\$11.35 (25)+

### *Hamamelis* × *intermedia* 'Diane'

#### Diane Witchhazel



Reddest flowers of the group, with an infusion of copper. They are faintly fragrant. The fall color ranges from non-existent through gold and red.

	Re-pot into	<b>Zones 5-8</b>
LP21ci	#2	\$11.35 (25)+

### *Hamamelis* × *intermedia* 'Jelena'

#### Jelena Witchhazel



Distinct coppery-orange flowers with no fragrance. Exceptional fall color of yellow, orange and red tones.

	Re-pot into	<b>Zones 5-8</b>
LP21ci	#2	\$11.35 (25)+

**Our availability lists are emailed and posted on our website beginning mid August. Look for them monthly after mid-November.**

# HEPTACODIUM

## *Heptacodium miconioides* Seven-Son Flower



Due to its multi-season appeal, this multi-stemmed tree introduced from China in 1980 is finally starting to gain followers. Covered with large clusters of white flowers in mid summer, in late summer and fall it displays great masses of pink-red seeds. Finally, the winter season highlights its shaggy bark. It does require shaping to highlight its normally "stemmy" form - a central leader formed early helps to make it a highly marketable tree, but it cannot be reshaped if neglected when small.

	Re-pot into	<b>Zones 5-9</b>
<b>LP40ci</b>	<b>#2</b>	<b>\$8.95 (10)+</b>

# HYDRANGEA

## *Hydrangea quercifolia* 'Ruby Slippers' Ruby Slippers Oakleaf Hydrangea

USNA introduction - a cross of 'Snow Queen' and 'Pee Wee'. The upright, 9 in. inflorescences come out white but very quickly develop a pleasant rosy hue. To only about 3.5 ft. tall, it fits neatly into compact multi-family housing landscapes.

	Re-pot into	<b>Zones 5-9</b>
<b>LP40ci</b>	<b>#2</b>	<b>\$6.55 (10)+</b>
<b>XP</b>	<b>#3</b>	<b>\$9.05 (5)+</b>

## *Hydrangea quercifolia* 'Snow Queen' Snow Queen Oakleaf Hydrangea

A prolific bloomer, its stout stems ensure that the flowers don't droop. Although the coarse leaves give it an almost tropical appearance, the autumn leaf colors are a rich mix of red, burnt orange, and green. When the notably persistent foliage drops, the tan/brown exfoliating bark is a pleasing unexpected bonus.

	Re-pot into	<b>Zones 5-9</b>
<b>XP</b>	<b>#3</b>	<b>\$9.05 (5)+</b>
<b>2YR TR</b>	<b>#3</b>	<b>\$10.55 (10)+</b>

# LINDERA

## *Lindera angustifolia* Oriental Spicebush

A delightful species in this genus of nearly more than 80 world-wide, only 3 of which are available in the USA. This one is Asian, having golden and orange-red fall color and refined, narrow foliage. Hardy, it's seldom seen in the trade, and merits much wider use.

	Re-pot into	<b>Zones 5-8</b>
<b>2 YR TR</b>	<b>#5</b>	<b>\$15.25 (10)+</b>

# LIQUIDAMBAR

## *Liquidambar styraciflua* Sweetgum

Fall color is variable, but striking on some trees. Widely adapted. Eastern native. Shallow roots cause problems in turf areas or around sidewalks.

	Re-pot into	<b>Zones 5-9</b>
<b>MP</b>	<b>#1</b>	<b>\$2.25 (50)+</b>

## *Liquidambar styraciflua* 'Gold Beacon' Gold Beacon Sweet Gum

We're honored to work with so many great plantsmen. Charles Allen of Green Biz Nursery asked us to bring to market this distinctive selection. Foliage emerges light green and quickly changes to golden color without fading for the remainder of the season. autumn foliage is red and orange; growth is only a little slower than typical of the species.

	Re-pot into	<b>Zones 5-9</b>
<b>#1 2-3'</b>	<b>#5</b>	<b>\$17.15 (5)+</b>
<b>#1 3-4'</b>	<b>#5</b>	<b>\$19.55 (5)+</b>
<b>#2 3-4'</b>	<b>#7</b>	<b>\$22.65 (5)+</b>
<b>#2 4-5'</b>	<b>#7</b>	<b>\$24.85 (5)+</b>
<b>2-3' TR</b>	<b>#5</b>	<b>\$17.15 (10)+</b>
<b>3-4' TR</b>	<b>#7</b>	<b>\$19.55 (10)+</b>

Prices include a \$1.00 royalty

## *Liquidambar styraciflua* 'Silver King' Silver King Sweetgum

Bright green leaves with creamy-white margins that become flushed with a rosy color in late summer and autumn. Especially striking when planted against a dark background. Slow growing, hardy.

	Re-pot into	<b>Zones 6-9</b>
<b>#1 2-3'</b>	<b>#5</b>	<b>\$16.15 (5)+</b>
<b>#1 3-4'</b>	<b>#5</b>	<b>\$18.55 (5)+</b>
<b>#2 3-4'</b>	<b>#7</b>	<b>\$21.65 (5)+</b>
<b>#2 4-5'</b>	<b>#10</b>	<b>\$23.85 (5)+</b>

## *Liquidambar styraciflua* 'Slender Silhouette'



### Slender Silhouette Sweetgum

Unusual noteworthy tree that grows in a very tight, columnar form, a sort of deciduous version of Italian cypress. Like the species, it is widely adaptable. Good fall color.

	Re-pot into	<b>Zones 6-9</b>
<b>#1 2-3'</b>	<b>#5</b>	<b>\$16.15 (5)+</b>
<b>#1 3-4'</b>	<b>#5</b>	<b>\$18.55 (5)+</b>
<b>3-4' TR</b>	<b>#7</b>	<b>\$ 18.55 (10)+</b>
<b>4-5' TR</b>	<b>#7</b>	<b>\$20.30 (10)+</b>

# LIRIODENDRON

## *Liriodendron tulipifera* Tuliptree



Among the tallest of our native American hardwoods, it shares much in common with *Magnolia acuminata*. Intriguing cup-shaped flowers of orange, yellow, and green in early summer. Grows fast if planted in deep, moist soil, but it will languish if planted in a dry or compacted area.

	Re-pot into	<b>Zones 5-9</b>
<b>LP21ci 1-2'</b>	<b>#5</b>	<b>\$3.05 (25)+</b>
<b>LP21ci 2-3'</b>	<b>#5</b>	<b>\$3.85 (25)+</b>

**We top our hydrangeas during the growing season so you get a robust liner that will cover the pot quickly.**

# Choice varieties and unusual species that merit your attention...

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• <i>Aesculus glabra</i> Lavaburst®	11	• <i>Halesia diptera</i> var. <i>magniflora</i>	27
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# Magnolia

## MAGNOLIA

### *Magnolia Black Tulip*® 'JURmag1'

#### Black Tulip® Magnolia

This tree has it all with dramatic, goblet-shaped blooms of black-purple, up to 6 in. across on quick-to-flower small trees. Larger growing, and with darker flowers than 'Genie'™. These flowers are by far the darkest colored of magnolia blooms. Their fragrance and dense presentation on small trees justifies planting Black Tulip® near doorways and paths.

	Re-pot into	Zones 5-9
#1 1-2'	#5	\$17.60 (5)+
#1 2-3'	#5	\$20.60 (5)+
#1 3-4'	#7	\$23.70 (5)+

Prices include a \$3.00 royalty

### *Magnolia 'Blushing Belle'*

#### Blushing Belle Magnolia

Wow! A knock-out hybrid from the late Dennis Ledvina, a result of his astutely crossing 'Yellow Bird' with 'Caerhays Belle'. The blooms are strikingly beautiful, aptly named for their soft blush-pink color.

	Re-pot into	Zones 5-9
#1 1-2'	#5	\$14.60 (5)+
#1 2-3'	#5	\$17.60 (5)+

### *Magnolia Burgundy Star*™ 'JURmag4' PP20,346

#### Burgundy Star™ Magnolia

From New Zealand by leading magnolia breeder Mark Jury, Burgundy Star™ has large (up to 5 inch diameter) gorgeous claret red, lightly fragrant blooms which cover the tree in early spring. They seem to be exceptionally long lasting and the color is stable. The blooms cluster along the stems, leading to a very luxuriant look. As a 10 year old tree it grows up to 11 feet in height and 12 feet wide.

	Re-pot into	Zones 5-9
#1 1-2'	#5	\$18.75 (5)+
#1 2-3'	#5	\$22.00 (5)+
#1 3-4'	#7	\$25.30 (5)+

Prices include a \$3.00 royalty

### *Magnolia 'Butterflies'*

#### Butterflies Magnolia

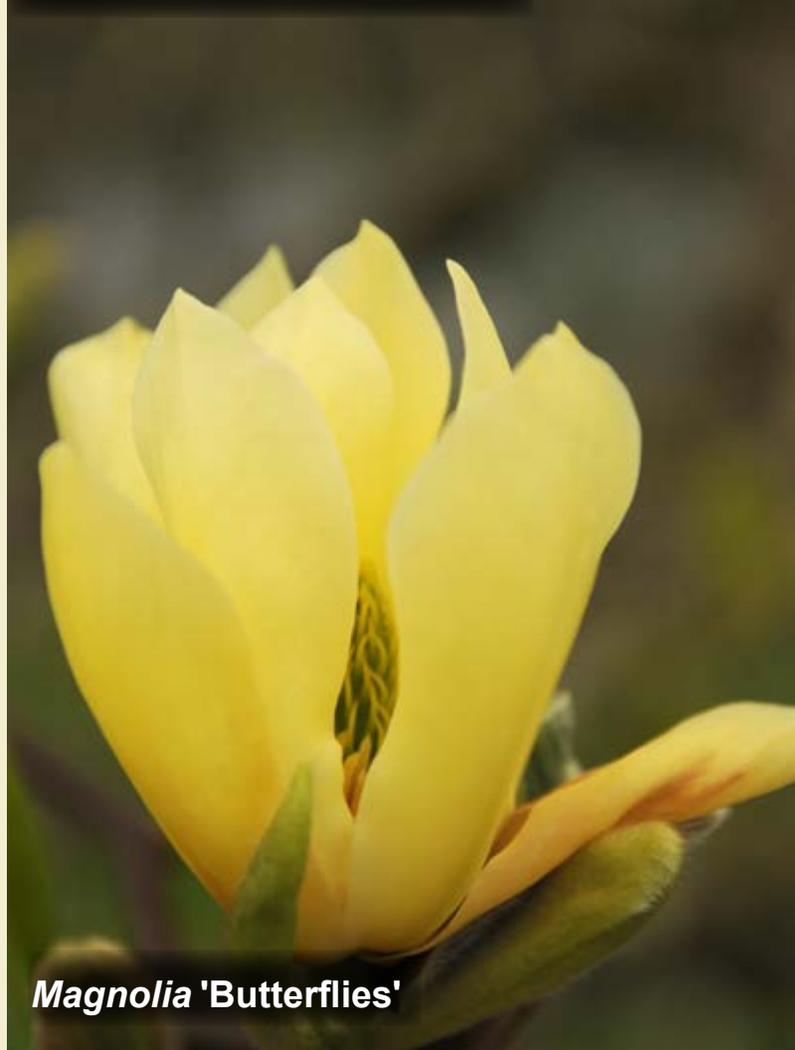
An upright, spreading small tree with abundant flowers of pleasing yellow color. If spring is warm, flowers tend toward a cream color.

	Re-pot into	Zones 5-9
#1 1-2'	#5	\$13.50 (5)+
#1 2-3'	#5	\$17.60 (5)+
#1 3-4'	#7	\$20.70 (5)+

Where else can you find 35 kinds of the finest magnolia liners - "WOW" trees for your clients?



*Magnolia Black Tulip*® 'JURmag1'



*Magnolia 'Butterflies'*



**Magnolia Cameo** PP27,222 P3

**Magnolia Cameo** PP27,222 P3

**Cameo Magnolia**

Cameo is among the latest releases from the New Zealand Magnolia Grove breeding program of Vance Hooper. A stunning bloom with a sculpted form like a cameo brooch. Reddish purple exterior with white-flushed, red-purple interior. Cameo has exceptional flower power, second only to Genie™ for flower abundance. The high rate of flower production both in spring and summer keeps the plant small with a compact habit.

	Re-pot into	Zones 5-9
#1 1-2'	#5	\$17.75 (5)+
#1 2-3'	#5	\$21.00 (5)+
#1 3-4'	#7	\$24.30 (5)+

Prices include a \$2.00 royalty

**Magnolia × 'Coppertallica'**

**Coppertallica Magnolia**

This is a beautiful new evergreen introduction from Heritage. Its leaves are a shiny dark green on top. Underneath, the fuzzy shimmering coppery color of its namesake. You'll spend so much time looking at the leaves that you might not even notice the very pretty, fragrant creamy white flowers that boast a hint of purple pink in the center. Hardy to below 0°F.

	Re-pot into	Zones 6-10
#1 1-2'	#5	\$15.60 (5)+
#1 2-3'	#5	\$18.60 (5)+
#1 3-4'	#7	\$21.70 (5)+

Prices include a \$1.00 royalty

**Magnolia 'Daybreak'**



**Daybreak Magnolia**

The late August Kehr of Hendersonville, NC considered this his finest magnolia hybrid, and we whole-heartedly agree. Upright in form, the blooms are delightfully fragrant. It has two significant attributes. First, it blooms much later than *M. ×soulangiana* (6 weeks) so the flowers seldom freeze. Second, the rich pink flowers have a crisp, translucent character to them that makes a dramatic contrast to the duller pink blooms of *M. ×soulangiana* selections. These plants are quite a prize.

	Re-pot into	Zones 5-8
#1 1-2'	#3	\$14.60 (5)+
#1 2-3'	#5	\$17.60 (5)+
#1 3-4'	#7	\$20.70 (5)+

**Magnolia 'Elizabeth'**



**Elizabeth Magnolia**

One of the earliest-introduced yellow-hued magnolias, flowering precociously and reliably every year. 'Elizabeth' enjoys excellent name recognition. Well-known for its fragrant, creamy yellow flowers, pyramidal habit, and vigorous juvenile growth. *Magnolia acuminata* × *Magnolia denudata*.

	Re-pot into	Zones 5-8
#1 1-2'	#5	\$14.60 (5)+
#1 2-3'	#5	\$17.60 (5)+
#1 3-4'	#7	\$20.70 (5)+



**Magnolia 'Daybreak'**

**Order early for best size selection.**



**Magnolia Felix**® 'JURmag2' PP10/335,927

**Magnolia Felix**® 'JURmag2' PP10/335,927

**Felix**® Magnolia

Bred in New Zealand by leading magnolia breeders, Felix and Mark Jury, Magnolia Felix® is stunning. In early Spring the reward is a mass of magnificent, 12 inch, open-faced hot pink flowers. It is an upright smaller tree growing to a height of 16 feet, making it suitable for smaller gardens.

	Re-pot into	<b>Zones 5-9</b>
#1 1-2'	<b>#3</b>	<b>\$18.75 (5)+</b>
#1 2-3'	<b>#5</b>	<b>\$22.00 (5)+</b>
#1 3-4'	<b>#7</b>	<b>\$25.30 (5)+</b>

Prices include a \$3.00 royalty

**Magnolia 'Frank's Masterpiece'**

**Frank's Masterpiece Magnolia**

Large flowers, 8 inches plus, exterior of deep purple-pink and a lighter pink interior. The upright blooms usually escape early spring frost. A vigorous hybrid, it maintains a central leader. Grows fast, so don't over-fertilize.

	Re-pot into	<b>Zones 5-8</b>
#1 2-3'	<b>#5</b>	<b>\$19.00 (5)+</b>
#1 3-4'	<b>#7</b>	<b>\$22.30 (5)+</b>

**Magnolia 'Galaxy'**

**Galaxy Magnolia**



*Magnolia liliiflora* 'Nigra' and *Magnolia sprengeri* 'Diva' were crossed to make this handsome early hybrid. Very dark purple buds open to medium purple 8 in. flowers on this hardy upright tree. Consistently praised by our clients as a dependable money-maker for its precocious blooming habit, ease of care, and fast growth in the nursery.

	Re-pot into	<b>Zones 5-9</b>
#1 1-2'	<b>#3</b>	<b>\$14.60 (5)+</b>
#1 2-3'	<b>#5</b>	<b>\$17.60 (5)+</b>
#1 3-4'	<b>#7</b>	<b>\$20.70 (5)+</b>

**Magnolia Genie**™

**Genie**™ Magnolia

The culmination of 15 years of breeding - a compact, small tree maturing at 10-13 ft. tall. Sensational black-red buds open to small, globular tulip-shaped blooms of deep rich, maroon-purple - both inner and outer surfaces. Reflexed petal tips fade to a lighter magenta-rose. 'Genie' has lightly scented blooms.

	Re-pot into	<b>Zones 5-9</b>
#1 1-2'	<b>#3</b>	<b>\$16.40 (5)+</b>
#1 2-3'	<b>#5</b>	<b>\$19.40 (5)+</b>
#1 3-4'	<b>#7</b>	<b>\$22.50 (5)+</b>

Prices include a \$1.80 royalty

**Magnolia 'Gold Star'**

**Gold Star Magnolia**

A vigorous tree of uniform, pyramidal habit, having light yellow frost-tolerant flowers. Even without its flowers, it is worth growing for its handsome bronze new foliage. A choice plant, too-little known and used.

	Re-pot into	<b>Zones 5-9</b>
#1 1-2'	<b>#3</b>	<b>\$14.60 (5)+</b>
#1 2-3'	<b>#5</b>	<b>\$17.60 (5)+</b>
#1 3-4'	<b>#7</b>	<b>\$20.70 (5)+</b>



**Magnolia Genie**™

## **Magnolia Honey Tulip**™ 'JURmag5' PP 26685P3

### **Honey Tulip**™ Magnolia

A stunning addition to magnolia options and another introduction from breeders Felix and Mark Jury. It produces magnificent, 6-inch honey gold, goblet-shaped flowers, almost tulip-like, in early spring. Honey Tulip™ is an upright smaller tree growing to a height of 12 feet, making it suitable for small gardens.

	Re-pot into	Zones 5-9
#1 1-2'	#5	\$18.75 (5)+
#1 2-3'	#5	\$22.00 (5)+
#1 3-4'	#7	\$25.30 (5)+

Prices include a \$3.00 royalty

## **Magnolia 'Judy Zuk'**

### **Judy Zuk Magnolia**

Honoring the former director of both Brooklyn Botanic Garden and Scott Arboretum, it is upright and has fragrant yellow and pink, tulip-shaped flowers. Always popular, so order early.

	Re-pot into	Zones 5-9
#1 1-2'	#5	\$15.75 (5)+
#1 2-3'	#5	\$19.00 (5)+
#1 3-4'	#7	\$23.20 (5)+

## **Magnolia 'Rose Marie'**

### **Rose Marie Magnolia**

Rose Marie has large bright pink flowers that glow wonderfully in the sunlight. It blooms fairly late but for a long time and with a good number of blooms. A cross between 'Pink Surprise' and 'Daybreak'.

	Re-pot into	Zones 5-9
#1 1-2'	#5	\$14.70 (5)+
#1 2-3'	#5	\$17.75 (5)+
#1 3-4'	#7	\$20.80 (5)+

## **Magnolia Spring Welcome**® 'Ruth'

### **Spring Welcome**® Magnolia

Magnolias are rarely winter hardy in Zone 3, but this introduction was developed by North Dakota State University from a seedling that has proven to be quite winter hardy there for the past 20 years, even after winters with temperatures down to -38°F. Plants are dense, well branched, and flowers are pale pink in bud, gradually opening to pristine white with 11-13+ tepals, 3 to 5 inches in diameter.

	Re-pot into	Zones 3-8
#1 1-2'	#5	\$15.50 (5)+
#1 2-3'	#5	\$18.40 (5)+
#1 3-4'	#7	\$21.50 (5)+

Prices include an \$0.80 royalty

 **The Gold Medal Plant Award of the Pennsylvania Horticultural Society**

recognizes trees, shrubs and woody vines of outstanding merit for their superb eye-appeal, performance, and hardiness in Zones 5-7.



**Magnolia Honey Tulip**™

'JURmag5' PP 26685P3

**Magnolia 'Rose Marie'**

## Magnolia 'Sunsation'

### Sunsation Magnolia

During the 2011 Magnolia Society meeting in Rhode Island, a majority of women in the crowd raved about this abundant bloomer with its rosy-accented flowers. It's a wonderful selection due to the warm color tones, blooming later than any of the other yellows and before the emergent leaves. August Kehr, the hybridizer, would have never accepted much credit for this plant he created, but he deserves all our thanks for his exceptional work, including this plant. Interesting story: On the way to see Augie from Raleigh, NC Pat McCracken and Mark Krautmann decided to accept August's invitation to name all of his (at that time, only numbered) superior yellows. Before we got to Hendersonville where he and his wife lived, we came up with Stellar Acclaim, Sunsation, Solar Eclipse, Hot Flash, and Sunspire. Augie was too modest to name his own "children".

	Re-pot into	Zones 5-9
#1 1-2'	#3	\$15.75 (5)+
#1 2-3'	#5	\$19.00 (5)+
#1 3-4'	#7	\$22.30 (5)+

## Magnolia 'Tinkerbelle' PP31,317P2

### Tinkerbelle Magnolia

Tinker Belle is a really beautiful Magnolia and we expect it to be in big demand. Fast growing it blooms well on young plants in the nursery. The buds open to numerous dark magenta, 3" upright flowers with pale pink interiors and a very sweet fragrance. Small in stature it will make an excellent specimen for smaller gardens, container culture or a shrubby boarder. The plants set buds readily in the nursery and the color and fragrance are unique attracting a lot of interest in the garden center. In Europe it is sought after for cut flower production.

	Re-pot into	Zones 5-9
#1 1-2'	#5	\$17.75 (5)+
#1 2-3'	#5	\$21.00 (5)+
#1 3-4'	#7	\$24.30 (5)+

Prices include an \$2.00 royalty

## Magnolia 'Vulcan'

### Vulcan Magnolia



Spectacular large, ruby-red flowers and compact size characterize this trouble-free nursery plant. Even the large winter flower buds are ornamentally appealing with their distinctively thick protective covering of brownish gray "fur" to shield them from the cold. In full bloom, this short plant is unrivaled for attractiveness because the blooms are so easy to see up close.

	Re-pot into	Zones 7-9
#1 1-2'	#3	\$14.60 (5)+
#1 2-3'	#5	\$17.60 (5)+
#1 3-4'	#7	\$20.70 (5)+

## Magnolia 'Yellow Bird'

### Yellow Bird Magnolia

A pyramidal tree with dark green leaves. Yellow Bird's small flowers appear with the foliage and have a good deep yellow color. Trouble free in the nursery, a consistent seller. *Magnolia acuminata* x *Magnolia liliiflora*.

	Re-pot into	Zones 5-9
#1 1-2'	#5	\$14.60 (5)+
#1 2-3'	#5	\$17.60 (5)+

## Order Priority

Contact us to roll over your order annually. It helps to prioritize your needs in case we need to adjust quantity or sizes after final grades.



Magnolia 'Sunsation'



**Magnolia cylindrica** 'MJK-MC1' US PPAF  
**Marilyn's Choice™**

**Magnolia cylindrica** 'MJK-MC1' US PPAF  
**Marilyn's Choice™**  
**Marilyn's Choice™ Magnolia**

Literally the single tree selection distinguished enough to merit patent status after 41 years of watching millions of seedlings at this firm. Even in this modest catalog, we list a whopping 34 additional cultivars and seedlings. So, to be distinctly different, to stand the test of time, how does this selection qualify in an already crowded field? First, it's tightly columnar in habit as inside front cover shows, so it qualifies to plant it in a wide variety of residential and commercial settings. Second, it's a solid "nursery plant" meaning it has no observed pest and disease issues, even in the difficult humid, hot conditions of South Carolina where astute plantsman Bob Head acclaims it far superior there to the popular variety, 'Galaxy'. Sales departments will love it because its quick finish in a container with multiple flower buds. Hardiness of the species is listed as Zones 5-9, so it covers an enormous spread of the country. We're a premier magnolia propagator; we know how to grow them well. Book a few of these and see for yourself how this one will set itself and your firm apart from the competition

	Re-pot into	<b>Zones 5-9</b>
<b>#1 1-2'</b>	<b>#3</b>	<b>\$14.60 (5)+</b>
<b>#1 2-3'</b>	<b>#5</b>	<b>\$17.60 (5)+</b>
<b>#1 3-4'</b>	<b>#5</b>	<b>\$20.70 (5)+</b>

**Do your staff have a meter to verify salinity levels and nutrition of your plants? A helpful instrument to verify salt levels and soil mix nutrition is the salinity meter from Myron L Company**

**Magnolia grandiflora**  
**'Bracken's Brown Beauty'**



**Bracken's Brown Beauty Southern Magnolia**

A remarkable, benchmark selection due to its reliable hardiness in the north end of the species range. Heavy brown fuzz beneath the leaf lends the evergreen foliage extra freeze protection and insulation from low-humidity winter air. Moreover, this selection matures to about half the height of the monarch trees of the deep South. Leathery deep green, shiny foliage on the upper surface contrasts sharply with the brown undersides, so this makes a great cut-branch candidate and is widely used for Christmas wreaths and bouquets. Intensely fragrant cup-shaped flowers add to its many charms. No serious P&D issues

	Re-pot into	<b>Zones 6-9</b>
<b>#1 2-3'</b>	<b>#3</b>	<b>\$13.85 (5)+</b>
<b>#1 3-4'</b>	<b>#3</b>	<b>\$15.65 (5)+</b>

**Magnolia grandiflora**  
**'D.D. Blanchard'**

**D. D. Blanchard Southern Magnolia**

Full size (50 ft. tall x 35 ft. wide) brown-back magnolia, so this should be top of mind for landscape use. Excellent cut branch candidate with its shiny green leaves above, brown thick fuzz beneath. With its fragrant, showy cream flowers, it's a blatant show off, easy to prune and naturally pyramidal in form, always popular. Many references list it at Zone 7, but Missouri BG lists it as reliably hardy in St. Louis if in a protected spot, not quite as hardy as 'Brackens Brown Beauty'. Excellent specimen where there is space for its dominating mature size.

	Re-pot into	<b>Zones 6-9</b>
<b>#1 2-3'</b>	<b>#3</b>	<b>\$13.85 (5)+</b>
<b>#1 3-4'</b>	<b>#3</b>	<b>\$15.65 (5)+</b>

## **Magnolia grandiflora 'Kay Parris'**

### **Kay Parris Southern Magnolia**

Newer "brown back" selection with more compact habit than Bracken's, and a Royal Horticultural Society **Award of Garden Merit** winner. Mature height about 20 feet, adapted to dry soils after it's established - so it can be used in a wide variety of landscape sites as an effective evergreen screen or specimen tree. Fascinating, fragrant flowers from early summer through late September... overall an extraordinary tree that merits wider use, given its small stature and low maintenance requirements.

	Re-pot into	Zones 6-9
#1 2-3'	#3	\$13.85 (5)+
#1 3-4'	#3	\$15.65 (5)+

## **Magnolia kobus**

### **Kobus Magnolia**

Very hardy - the rootstock of choice for a rich selection of new hybrids. These liners have a robust, disease-free root system for field planting or potting up.

	Re-pot into	Zones 4-8
LP21ci 1/8" caliper	#1	\$3.10 (25)+
LP21ci 3/16" caliper	#1	\$3.50 (25)+

## **Magnolia laevifolia**

### **(syn. Michelia yunnanensis)**

Lovely evergreen shrub with no frost damage in our exposed stock field at just above 0°F. White flowers, very dark green foliage and with handsome rusty brown bark. Profuse fragrant flowers born all along the stems last 3-4 weeks! 6 feet tall x 4 feet wide in 5 years..

	Re-pot into	Zones 6-9
LP21ci	#2	\$3.25 (25)+

## **Magnolia macrophylla**

### **Bigleaf Magnolia**

Bigleaf Magnolia appears tropical, but is surprisingly hardy. A medium to large native tree with huge leaves, impressive white, intensely fragrant flowers and intriguing autumn fruits.

	Re-pot into	Zones 5-8
LP40ci	#3	\$9.20 (25)+

## **Magnolia macrophylla ssp. ashei**

### **Ashe Magnolia**

A scaled-down version of *Magnolia macrophylla*. Precocious bloomer, it sometimes buds up to yield a flower in a pot only 3 years after germination. Fragrant flowers in June: what an up close delight! Structurally, they're so fascinating, for their delicate scent and always tempting to touch. It reminds one of the biblical verse in praise of lilies "...Solomon in all his glory was never arrayed like one of these..." A 12 ft. multi-stem shrubby form in the Krautmann landscape produces 20 dinner plate-sized blooms over a 2-week period. For such ephemeral blooms, it's a wonder to contemplate that this plant and its cousins have populated the planet since before the dinosaurs. YOU NEED this plant, whether you realize it or not. Grow a few in your home garden where you can simply relish them with no prices on them. They are in fact, a priceless experience for any thoughtful nurseryman or gardener.

	Re-pot into	Zones 6-9
LP40ci	#3	\$9.20 (25)+

## **Magnolia sieboldii**

### **Oyama Magnolia**

This species is prized for its small stature and remarkably beautiful flowers. The fragrant, nodding white blooms are accented by red stamens. Since this is a small tree, close inspection of the flowers is easy - a true delight! Although most references list it as zones 6-8, it has proved hardy at the Minnesota Landscape Arboretum, growing successfully in a windy Zone 4.

	Re-pot into	Zones 4-8
LP40ci	#3	\$7.50 (25)+



**Magnolia sieboldii**





**Mahonia nervosa**

**Mahonia ×media 'Underway'**  
**Underway Mahonia**

With familiar creamy yellow flower clusters during the shortest days of the year Underway is also slightly hardier and a little more compact than the other hybrid Mahonia selections. Earlier than Winter Sun. 1993 Award of Garden Merit from the Royal Horticulture Society originally selected at Slieve Donard Nursery, Northern Ireland.

**#1** Re-pot into **#5** **Zones 6-9**  
**\$9.75 (5)+**

**Mahonia ×media 'Winter Sun'**  
**Winter Sun Mahonia**

Evergreen shrub with rich forest-green foliage to accent its bright yellow early winter flowers. Upright growth and drought/shade tolerance make this a great focal plant when winter's arrival means few possibilities to brighten the garden with fresh flowers.

**#1** Re-pot into **#5** **Zones 6-9**  
**\$9.75 (10)+**

**Mahonia nervosa**  
**Cascades Mahonia**

Short 1-2 ft. hardy Pacific Northwest native of medium texture. Attractive blue fruits accented by prickly, deep green, narrow leaves.

**MP** Re-pot into **Zones 5-8**  
**#1** **\$2.95 (50)+**  
**#1** **#3** **\$9.35 (5)+**

**Mahonia repens**  
**Creeping Mahonia**

Hardier than its cousins and not as tall. It grows to only 1-2 ft., has satin foliage, and is more shade tolerant. An elegant low shrub for a spot where it can be left to spread without irrigation.

**MP** Re-pot into **#1** **Zones 3-7**  
**\$2.65 (50)+**

**METASEQUOIA**  
**Metasequoia glyptostroboides**  
**Dawn Redwood**

This ancient tree evokes a sentiment of awe when one realizes it has endured change and upheaval essentially in its present form for millions of years. Discovered as a "living fossil" in China in 1941, it prefers a moist, well-drained soil. Dawn Redwood is a fast-growing, pest-free and fine-textured conifer, hardy and adaptable.

**MP** Re-pot into **#1** **Zones 5-8**  
**\$2.35 (50)+**



**"Re-pot into"**

**What does it mean?**

To help you consider your liner investment and profit opportunity, we recommend container options for you to pot up each size we offer.

# MORELLA

## *Morella pensylvanica*

### Northern Bayberry

Small to medium-sized shrub with fragrant foliage, often used for naturalizing in states along the Atlantic coast from MA to SC. Famed for its use in making candles using the waxy berries during colonial times, its best present use is as an easy foundation plant, where it will tolerate compact or infertile soils.

	Re-pot into	<b>Zones 3-7</b>
<b>MP</b>	<b>#1</b>	<b>\$2.25 (50)+</b>

# NYSSA

## *Nyssa sylvatica*

### Blackgum

With its brightly colored, shiny autumn leaves and wide range of additivity, especially well suited to wet sites. This is a great landscape tree. Unlike widely-planted Sweetgum, even seedlings of Blackgum are dependable for fall color. Needs pruning when young. These pot propagated plants ensure transplant success.

	Re-pot into	<b>Zones 4-9</b>
<b>MP</b>	<b>#2</b>	<b>\$2.95 (50)+</b>
<b>#1 3-4'</b>	<b>#5</b>	<b>\$8.40 (5)+</b>



***Nyssa sylvatica***  
seedlings in #1 pots



***Nyssa sylvatica***  
**Tupelo Tower™ 'WFH1' PP22,976**

## *Nyssa sylvatica*

### **Green Gable™** NSUHH' PP 22,951

### **Green Gable™ Black Tupelo**

Green Gable™ is a great addition to American horticulture, with notably glossy foliage, and beautiful fall color. With its dominant central leader, it develops an attractive pyramidal form.

	Re-pot into	<b>Zones 4-9</b>
<b>#1 3-4'</b>	<b>#5</b>	<b>\$21.10 (5)+</b>
<b>#1 4-5'</b>	<b>#7</b>	<b>\$24.95 (5)+</b>

Prices include a \$1.85 royalty

## *Nyssa sylvatica*

### **Tupelo Tower™** 'WFH1' PP22,976

### **Tupelo Tower™ Black Tupelo**

With all the great ornamental attributes of blackgum, including exceptional fall color and ease of care, this selection allows even more flexibility of location because of its columnar habit. Tupelo Tower™ was selected from a Zone 4 seedling population.

	Re-pot into	<b>Zones 4-9</b>
<b>#1 3-4'</b>	<b>#5</b>	<b>\$20.25 (5)+</b>
<b>#1 4-5'</b>	<b>#7</b>	<b>\$24.10 (5)+</b>

Prices include a \$1.00 royalty

**Our availability lists are emailed and posted on our website beginning mid August. Look for them monthly after mid-November.**



*Ostrya virginiana*

## OSTRYA

### *Ostrya virginiana*

#### Ironwood, Eastern Hophornbeam

A handsome native tree that tolerates shade and grows to 40 ft. tall. Bark peels in vertical strips. Pleasing yellow fall color. Very easy to grow in the nursery and relatively fast to finish. Our liners have vigorous fine mycorrhizal roots.

	Re-pot into	<b>Zones 3-7</b>
LP21ci	#3	<b>\$2.70 (25)+</b>

## OXYDENDRUM

### *Oxydendrum arboreum*

#### Sourwood

Exceptional ornamental with handsome glossy summer foliage. A medium tree that grows to 45 ft., it prefers full sun and an acidic, well-drained soil. Honeybees relish the nectar of the delicate, heather-like blooms, born on the branch ends like white bouquets in mid-summer. Sourwood honey is a particular delight, so special that it's sold only regionally in the Southeast, and fetches a premium at roadside stands. *Oxydendrum* in the autumn is a sight for tired eyes, as the foliage shows off rich blends of orange, red and yellow.

	Re-pot into	<b>Zones 5-9</b>
LP21ci	#2	<b>\$4.30 (25)+</b>
#1	#3	<b>\$8.50 (5)+</b>
2 YR TR	#3-5	<b>\$12.85 (10)+</b>

### *Nyssa sylvatica* 'Wildfire'

#### Wildfire Black Tupelo



What a colorful beauty! Shiny, burnt orange-red new growth makes this one of the most exciting new Blackgum cultivars. Try some of these easy to grow trees, and save one for your own landscape!

	Re-pot into	<b>Zones 5-9</b>
#1 3-4'	#5	<b>\$19.20 (5)+</b>
#1 4-5'	#7	<b>\$23.05 (5)+</b>

### *Nyssa sylvatica* 'Zydeco Twist'

#### Zydeco Twist Black Tupelo

Blackgum is among our native tree prizes, adapted over a wide range and consistently appealing. This contorted stem selection has a strong central leader and will create interest in our gardens because it is so unique.

	Re-pot into	<b>Zones 4-9</b>
#1 3-4'	#5	<b>\$19.25 (5)+</b>
#1 4-5'	#7	<b>\$23.10 (5)+</b>

## OSMANTHUS

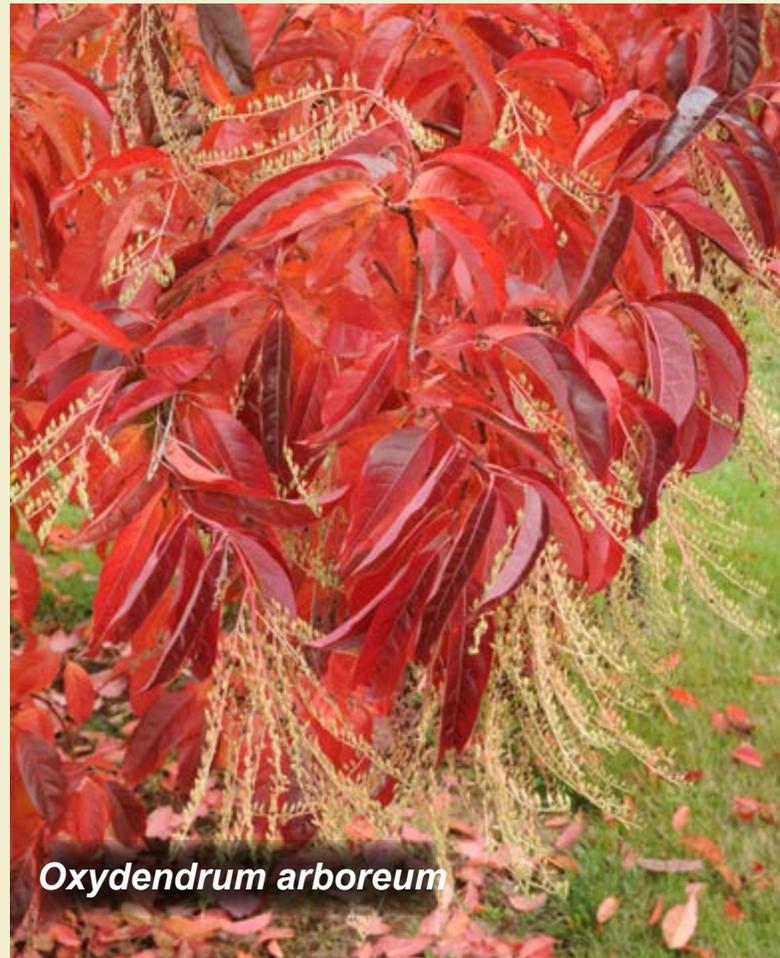
### *Osmanthus heterophyllus* 'Goshiki'

#### Variegated False Holly



A kaleidoscope of shrubby bronze, gold, cream and green on spiny young foliage. Delightful abundant white, small late autumn flowers with a heady, pleasant fragrance. Matures at 10 feet tall in most climates, and like people, loses its bristles with age. A tough plant, it also tolerates pruning well. A selection that belongs in every garden in moderate climates.

	Re-pot into	<b>Zones 6-9</b>
#1	#5	<b>\$13.50 (5)+</b>



*Oxydendrum arboreum*



**Parrotia persica Golden BellTower™**  
 'Christhaven1' PP28,584

## PARROTIA

**Parrotia persica**  
**Persian Ironwood**



Essentially the tree form of witchhazel. It naturally becomes a low-branched tree, typically two-thirds as broad as it is tall. Bark exfoliates on older branches; leaves turn brilliant red, yellow and orange in autumn. With a bit of selective pruning when it's young, but minimal care thereafter, it becomes a medium-sized tree of appealing form. Maroon spring flowers are small, easily missed but attractive.

	Re-pot into	<b>Zones 5-8</b>
<b>1-2'</b>	<b>#2</b>	<b>\$2.90 (50)+</b>

### Parrotia persica

**Golden BellTower™** 'Christhaven1' PP28,584

### Golden BellTower™ Columnar Ironwood

A superior, tight form that stays columnar over the years. Clean, insect and disease resistant green leaves turn bright golden yellow and red-orange in autumn. Over time the bark handsomely exfoliates. Golden BellTower™ is a moderate grower and will reach 25 ft. tall and 10 ft. wide over 8-10 years. Makes an excellent choice for smaller yards, and is a logical choice for commercial plantings or as a street tree. The best fall color will be achieved by growing it in full sun; however, it will grow equally well in part shade. Drought resistant once established.

	Re-pot into	<b>Zones 5-8</b>
<b>LP21ci</b>	<b>#5</b>	<b>\$7.90 (25)+</b>
<b>4-5' TR</b>	<b>#10</b>	<b>\$21.00 (5)+</b>
<b>5-6' TR</b>	<b>#10</b>	<b>\$22.65 (5)+</b>

Prices include a \$1.00 royalty

### Parrotia persica 'Vanessa'



### Columnar Persian Ironwood

Upright form of a tough small tree that requires almost no care in return for its year-round appeal. Patchy bark, spring bronze-green foliage, exceptional month-after-month autumn color, and attractive winter branch structure put into a class that almost approaches the perfection of Paperbark Maple and Stewartia. What it lacks in flower appeal is balanced by its extreme drought tolerance and overall tough character.

	Re-pot into	<b>Zones 5-8</b>
<b>LP21ci</b>	<b>#5</b>	<b>\$7.95 (25)+</b>
<b>3-4' TR</b>	<b>#7</b>	<b>\$16.30 (10)+</b>
<b>4-5' TR</b>	<b>#10</b>	<b>\$17.70 (5)+</b>

## PISTACIA

**Pistacia chinensis**  
**Chinese Pistache**

Pest-free and exceptionally drought tolerant small tree (20 ft.), with excellent red, purple, and orange fall color, even in the Deep South. A logical tree for infertile soils or unirrigated urban sites along streets, in parking medians, or under power lines where it's tough character will ensure its success.

	Re-pot into	<b>Zones 6-9</b>
<b>MP</b>	<b>#1</b>	<b>\$1.80 (50)+</b>

## Great Plant Picks...

a selection of outstanding plants for the maritime Pacific Northwest.

[greatplantpicks.org](http://greatplantpicks.org)



# Oak

## PLATANUS

### *Platanus occidentalis* American Sycamore

American sycamore is a common sight to many because it was once commonly used as a street tree. Now it is most regularly used for revegetation and roadside restoration projects. Native, easy to grow.

	Re-pot into	Zones 4-9
1-2'	#5	\$1.25 (50)+
2-3'	#5	\$1.60 (50)+

## POPULUS

### *Populus tremula 'Erecta'* Upright Swedish Aspen

A very tight columnar tree with great hardiness, to 40 ft. tall and only 10 ft. wide. The new leaves are red and showy while the roots are much less prone to suckering than for Quaking aspen.

	Re-pot into	Zones 2-8
2-3' TR	#5	\$12.85 (10)+
3-4' TR	#7	\$15.85 (10)+

## QUERCUS

### *Quercus alba* White Oak



Fastidious in its cultural requirements, but worth the trouble if its needs are met in an undisturbed, well-drained soil where it can be allowed to develop its picturesque spread.

	Re-pot into	Zones 4-8
LP21ci 6-12"	#2	\$3.05 (25)+
LP21ci 1-2'	#2	\$4.25 (25)+
4-5' TR	#7	\$12.25 (5)+
5-6' TR	#10	\$15.15 (5)+

### *Quercus bicolor* Swamp White Oak

Flaking bark texture, even on young trees. Although its common name indicates that it prefers moist areas, it is drought tolerant. The silver undersides of the leaves lend contrast to the upper leaf surface, prompting the species name "bicolor". Among the easiest of the oaks to transplant, it is also hardy and has few insect or disease problems.

	Re-pot into	Zones 3-8
LP21ci 3/16" caliper	#3	\$3.15 (25)+
LP21ci 1/4" caliper	#3	\$3.70 (25)+
4-5' TR	#10	\$12.25 (5)+
5-6' TR	#10	\$15.15 (5)+

### *Quercus chrysolepis* Canyon Live Oak

Extensive range over much of California and Southern Oregon and performs well in over a range of sites, but best near some moisture. The crown is broad and rounded and the evergreen leaves are toothed and flat. A great and adaptable oak.

	Re-pot into	Zones 7-10
LP21ci	#2	\$3.85 (25)+

### *Quercus garryana* Oregon White Oak



Named to honor Nicholas Garry of the Hudson Bay Company, this is the climax species of the pre-1850s Willamette Valley oak savannah. We see occasional remnants of these original trees, some of which measure more than 5 ft. through and exceed 300 years old. These are truly heritage trees, having sheltered and fed the Kalapuya Indians, who gathered acorns by the ton and processed them to make thick soup and flatbread.

	Re-pot into	Zones 6-9
LP21ci	#2	\$3.25 (25)+
1-2' TR	#2	\$5.60 (10)+
2-3' TR	#3	\$8.00 (10)+

### *Quercus Kindred Spirit*<sup>®</sup> 'Nadler' PP17,664 Kindred Spirit<sup>®</sup> Oak

Chief among its merits is strong mildew resistance, in contrast to Columnar English Oak, which often gets terribly infested with this leaf disease. Strongly columnar in outline, it's 4-5 times taller than wide in outline, significantly more columnar than the similar selection, Regal Prince<sup>®</sup>. Grafted onto vigorous *Quercus bicolor* liners with mycorrhizal roots, these have excellent survivability without significant transplant shock.

	Re-pot into	Zones 4-8
XP 3-4'	#5	\$19.40 (5)+
#2 3-4'	#5	\$20.05 (5)+
#2 4-5'	#7	\$22.30 (5)+
3-4'	#5	\$21.45 (10)+
4-5'	#7	\$23.80 (10)+

Prices include a \$1.50 royalty

### *Quercus palustris* Pin Oak



Widely planted throughout the eastern US because it tolerates wet sites and disturbed, compacted soils. Pin Oak is sometimes seen with chlorotic foliage caused by iron deficiency in high pH soils. In such areas, *Quercus ellipsoidalis* is a superior landscape choice, better adapted to limestone soils.

	Re-pot into	Zones 5-8
LP21ci 6-12"	#2	\$2.55 (25)+
LP21ci 1-2'	#2	\$3.60 (25)+
4-5' TR	#7	\$12.25 (5)+
5-6' TR	#7-10	\$15.15 (5)+

### *Quercus palustris 'Green Pillar'*<sup>®</sup> PP9093 Green Pillar<sup>®</sup> Pin Oak



A Princeton Nursery clone with few apparent graft incompatibility problems. Maroon red autumn color and narrow habit, its branches don't droop like the species. Mature height 40-60 ft. with a 12-15 ft. spread.

	Re-pot into	Zones 4-8
XP 1-2'	#2	\$13.65 (5)+
XP 2-3'	#2	\$16.15 (5)+

Prices include a \$0.90 royalty

## Quercus phellos

### Willow Oak



A fine-textured tree with high branches, it makes a great specimen for a lawn or along a driveway because it doesn't develop a basal "hump" that heaves sidewalks like *Acer rubrum*. Fall color ranges from brown to yellow to russet red. Rapid growing, this is among the best of the eastern US oaks. Its narrow leaves are easily cleaned up from the lawn. The small acorns, like those of the pin oak, are relished by wildlife.

	Re-pot into	<b>Zones 5-9</b>
LP21ci 1-2'	#3	\$3.75 (25)+
4-5' TR	#7	\$12.25 (5)+
5-6' TR	#7	\$15.15 (5)+

## Quercus Regal Prince® 'Long' PP12,673

### Regal Prince® Oak

Handsome, glossy deep green foliage and a bold, upright, oval silhouette. Leaf undersides are white with dense, downy hairs, helping keep the leaf dry - a significant factor in its resistance to mildew, to which Columnar English Oak is so susceptible.

	Re-pot into	<b>Zones 4-8</b>
XP 2-3'	#5	\$16.75 (5)+
XP 3-4'	#5	\$18.90 (5)+

Prices include a \$1.00 royalty



*Quercus phellos*



*Quercus rubra*

## Quercus rubra

### Northern Red Oak



Among the largest of the North American oaks, it grows fast and is easy to transplant.

	Re-pot into	<b>Zones 3-9</b>
LP21ci 1-2'	#2	\$3.60 (25)+
4-5' TR	#7	\$12.25 (5)+
5-6' TR	#10	\$15.15 (5)+

## ROBINIA

### Robinia pseudoacacia

#### Black Locust

Exceptionally tough and useful for the most adverse soil or climatic conditions. For the landscape, a number of interesting cultivars have been selected including forms with golden or purple foliage, pyramidal or globe shape, and contorted branches.

	Re-pot into	<b>Zones 4-9</b>
#1	#5	\$8.95 (5)+

Order early for best size selection.

# SPIRAEA

## *Spiraea douglasii*

### Western Spirea

Under appreciated for its very showy pink flowers that attract multiple pollinators. This is an integral part of our wetland habitats in the West. Willamette Valley ecotype for use in revegetation.

	Re-pot into	Zones 5-10
1-2'	#3	\$1.10 (50)+
2-3'	#3	\$1.40 (50)+

# STEWARTIA

## *Stewartia pseudocamellia*

### Japanese Stewartia



Among the most desirable of all deciduous landscape trees. Camellia-like flowers in early summer. Striking bark patches that resemble pieces of a puzzle. Diminutive mature size, ideal as a small specimen tree. Red, yellow, and orange autumn leaf colors. This taxon is the ideal landscape tree - the complete package. Our strain is originally from the vicinity of Nikko Park in Japan, and has survived the extremely harsh winter lows of the UP in Quinnesec, Michigan. We're talking 35 below zero! Check out their amazing root systems, pot up or plant them out, and make some money.

	Re-pot into	Zones 4-7
MP	#3-5	\$4.60 (50)+
LP21ci	#3-5	\$6.35 (25)+
1-2' TR	#5	\$9.65 (10)+
2-3' TR	#5	\$11.75 (10)+
3-4' TR	#7	\$17.25 (10)+
4-5' TR	#10	\$21.00 (5)+

# STYRAX

## *Styrax japonicus*

### Japanese Snowbell

Small leaves and profuse white, bell-shaped June flowers. Best planted where the masses of pendant blossoms may be seen from below, such as along a rock wall or embankment. Pest-free, hardy, and rapid-growing. Occasional pruning when it is young encourages an open branch habit so that its flowers are more easily seen.

	Re-pot into	Zones 5-9
MP	#2	\$2.55 (50)+

## *Styrax obassia*

### Fragrant Snowbell



Leaves with fuzzy underside, much larger than those of the far more common *S. japonicus*. Superb, fragrant flowers dangle in long showy clusters. Open branch habit; ultimately twice as tall as *S. japonicus*. Requires full sun and well-drained soil.

	Re-pot into	Zones 5-8
LP21ci	#3	\$5.85 (25)+

## Did you know?

**Our Stewartia are Zone 4 hardy: They have survived fine for years near Quinnesec on the Upper Peninsula of Michigan**

# SYMPHORICARPOS

## *Symphoricarpos albus*

### Snowberry

2-4 ft. shrub native across a broad swath in the upper latitudes of North America. Small pink flowers emerge in summer followed by white berries in the fall. Hummingbirds are attracted to the flowers. Its strong root system makes this shrub useful to control erosion on steep slopes of an embankment. Tolerates wet soils as well, so it is frequently used in riparian restoration. Used as an ornamental, easy to grow and gratifying with its persistent winter fruits. Occasionally head it back for best ornamental performance.

	Re-pot into	Zones 3-7
1-2'	#2	\$1.40 (50)+

# TAXODIUM

## *Taxodium distichum*

### Baldcypress



Durable deciduous conifer adapted to colder climates and drier soils than those in its native Southeast. Best planted where it can develop unhindered, as it is naturally a large tree. Amazingly, it thrives from upstate New York to the High Plains of Texas and south to Florida. Lumber is highly prized for its decay resistance. Despite its large stature, its landscape appeal is evident in its lacy foliage texture, which becomes a handsome, distinctive blend of green, yellow and brown in autumn. The shaggy bark and bold architecture of its branches lend striking winter interest. Trouble-free, easy to grow and transplant if root-pruned or containerized.

	Re-pot into	Zones 5-10
MP	#1-2	\$2.25 (50)+

## *Taxodium distichum* 'Falling Waters'

### Falling Waters Baldcypress

A weeping Baldcypress selection that distinguishes itself by its leader growing straight up while the branches droop. Fall color is bronze, and the reddish brown bark peels in strips. Tolerates both wet and dry conditions. Much superior to 'Cascade Falls' because it has an upright tendency as opposed to the groundcover character of the former.

	Re-pot into	Zones 5-10
1-2' TR	#3	\$14.10 (10)+
2-3' TR	#5	\$15.35 (10)+

## *Taxodium distichum* Shawnee Brave™

### 'Mickleson'

### Shawnee Brave™ Baldcypress

Narrow, perfectly upright form; mature size 70 ft. x 18 ft. with minimum leaf litter due to its fine-textured foliage. Lends an aristocratic air to the landscape, especially if several specimens are grouped like sentinels along a water course or pond. Chosen as a runner-up in the 2002 Urban Tree of the Year competition held by The Society of Municipal Arborists.

	Re-pot into	Zones 5-10
1-2' TR	#3	\$16.40 (10)+
2-3' TR	#5	\$17.75 (10)+

Prices include a \$0.85 royalty

# TILIA

## *Tilia cordata* Greenspire™ Greenspire™ Linden

Extraordinary, popular shade tree due to its strong central leader and trouble-free performance in the nursery and landscape. Matures twice as tall as wide, to 50 feet, an excellent replacement for scurge Callery pears with their brittle branches and invasive character. Adapted to soils that may trouble more fussy trees, its mycorrhizal roots lend it this tough constitution. Give it space and let it go!

	Re-pot into	<b>Zones 3-8</b>
<b>#1 1-2</b>	<b>#1-2</b>	<b>\$14.60 (5)+</b>

Price includes a \$0.50 royalty

# ULMUS

## *Ulmus americana* 'Princeton' Princeton American Elm

Selected almost a century ago by New Jersey nurseryman William Flemer for its aesthetic merit. By stroke of good fortune, 'Princeton' has demonstrated moderate resistance to Dutch elm disease. Typical of this iconic American species in form and hardiness, it is an important part of the American experience, a relic selection from America's urban forest history, still adapted to its future so many generations later.

	Re-pot into	<b>Zones 3-9</b>
<b>LP21ci</b>	<b>#3</b>	<b>\$5.85 (25)+</b>
<b>#1</b>	<b>#7</b>	<b>\$14.50 (5)+</b>

# WISTERIA

## *Wisteria frutescens* 'Amethyst Falls' Amethyst Falls Wisteria

Not rampant-growing like Asian wisterias, this American native produces a great number of small purple blooms over a long period. The dusky green vines climb, but it blooms on current-year shoots, so it can be pruned to any desired size without worry that it may not bloom.

	Re-pot into	<b>Zones 5-9</b>
<b>LP40ci</b>	<b>#3</b>	<b>\$8.05 (10)+</b>

## *Wisteria macrostachya* 'Blue Moon' Blue Moon Kentucky Wisteria

Not rampant-growing like Asian wisterias, this American native produces a great number of small purple blooms over a long period. The dusky green vines climb, but it blooms on current-year shoots, so it can be pruned to any desired size without worry that it may not bloom.

	Re-pot into	<b>Zones 5-9</b>
<b>LP40ci</b>	<b>#3</b>	<b>\$8.00 (10)+</b>

**We remove pot and plug material from their containers to save you freight and avoid plant damage.  
See photos p. 20.**

# ZELKOVA

## *Zelkova serrata* Japanese Zelkova

Member of the Elm family but resistant to Dutch Elm Disease. Older trees exhibit an especially attractive bark. Vigorous in the nursery, these seedlings have been lightly pruned to encourage straight stems.

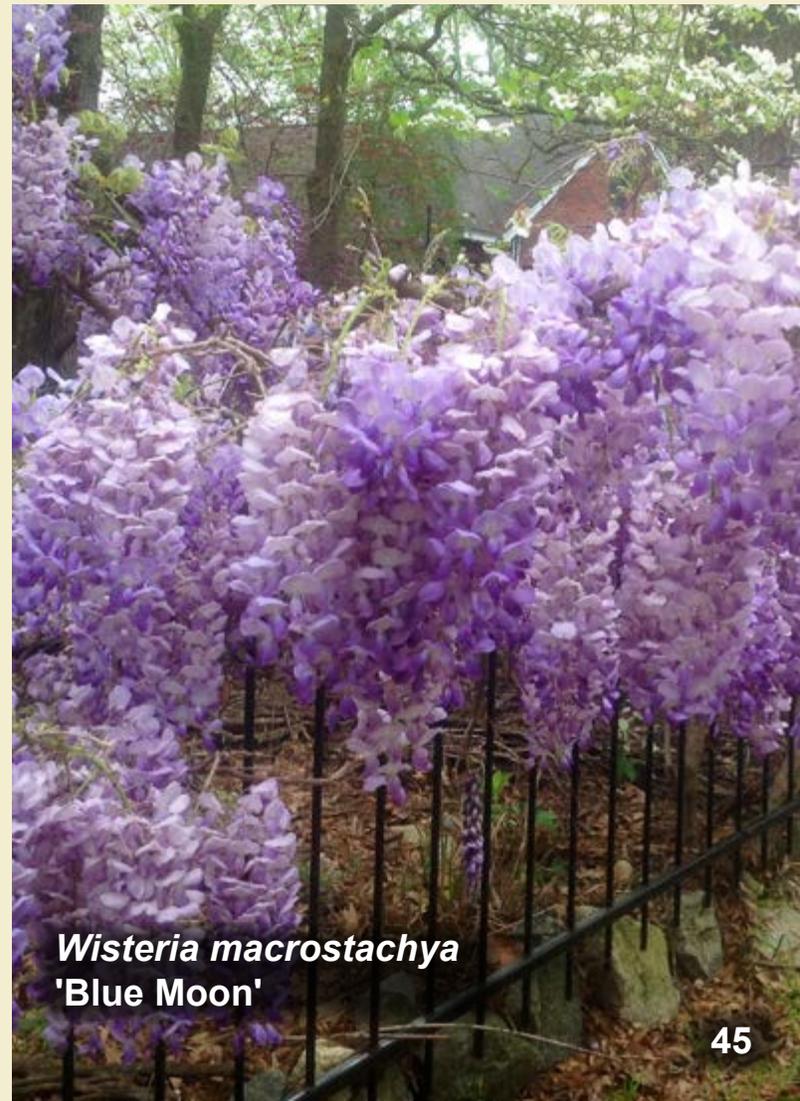
	Re-pot into	<b>Zones 5-8</b>
<b>MP</b>	<b>#1</b>	<b>\$2.25 (50)+</b>

## *Zelkova serrata* 'Village Green'™ Village Green™ Zelkova

Vase-shaped with graceful, outward-arching branches. Dark orange-red in fall. Somewhat harder than Green Vase®.

	Re-pot into	<b>Zones 5-8</b>
<b>4-5'</b>	<b>#7</b>	<b>\$19.35 (10)+</b>
<b>5-6'</b>	<b>#10</b>	<b>\$22.35 (10)+</b>

Prices include a \$0.50 royalty



*Wisteria macrostachya*  
'Blue Moon'

# Perennials & Wildflowers

## *Allium ampletens*

### Slim-leaf Onion

Native up and down the West Coast, with pale pink to white flowers this little onion is a cinch to grow. Native pollinators love the showy long lived flowers. Freely reseeding, large bunches of flowers are colorful for over 6 weeks. 8 inches tall. Key nectar species for Fenders Blue Butterfly.

	Re-pot into	<b>Zones 6-9</b>
<b>BULB</b>	<b>#1</b>	<b>\$0.85 (100)+</b>

## *Asclepias fascicularis*

### Narrow-leaf Milkweed

Narrow-leaf milkweed is smaller in stature and blooms later than showy milkweed; it also tolerates very dry conditions. It would work well in a rock garden or xeriscape. Showy milkweed tolerates wet soils better, and has large, unusual, showy flower globes of pink-tinged, star-shaped flowers. The nectar-filled flowers, opening mid-summer, exude a pleasing sweet fragrance and produce magnificent seed pods on 2-3 ft. stems.

	Re-pot into	<b>Zones 7-10</b>
<b>MP</b>	<b>#1</b>	<b>\$1.65 (50)+</b>
<b>LP40ci</b>	<b>#2</b>	<b>\$3.10 (10)+</b>

## *Asclepias speciosa*

### Showy Milkweed

With the Monarch butterfly now under threat, these host plants, native to the western US, will have great retail appeal for gardeners concerned about the butterfly. They also provide key pollinator resources to other butterflies and native bees in mid-summer.

	Re-pot into	<b>Zones 3-9</b>
<b>MP</b>	<b>#1</b>	<b>\$1.60 (50)</b>
<b>LP40ci</b>	<b>#2</b>	<b>\$3.00 (10)+</b>

## *Calochortus tolmei*

### Cat's Ear

It has been very rewarding developing some of the lesser Willamette Valley forbs into commercial crops, like the Cat's ear. In late spring and early summer foliage is followed by extremely fuzzy, white or pale pink flowers. Ample winter rainfall with sparse summer irrigation is best. Low growing, to 4 inches. These are small blossoming size bulbs. Key nectar species for Fenders Blue Butterfly and Taylor's Checkerspot. Ackeling eligent flowers.

	Re-pot into	<b>Zones 6-9</b>
<b>BULB</b>	<b>#1</b>	<b>\$2.90 (100)+</b>

**PNW Natives to attract passionate gardeners, pollinators, and make more profit**



*Asclepias speciosa*



***Camassia leichtlinii* &  
*Calochortus tolmei***

***Camassia leichtlinii* or *C. quamash*  
Great or Common Camas**

A robust spring-blooming perennial with bright blue flowers, our native camas once clothed Oregon valleys in waves of striking color. Settlement and agriculture over the past 150 years have pushed it to marginal small pockets in wetlands, roadsides, and areas unsuited to cropping. Two ft. tall in blossom. Occasional nectar species for endangered Fenders Blue Butterfly.

With intense blue, starry flowers, each of our western native camas species adds early pollinator value to perennial gardens. Common Camas is shorter (12-18 inches) and blooms in early April; tall camas (24-30 inches) blooms in early May. Both attract many bee species with Common Camas, an important resource for reemerging queen bumblebees. Dormancy starts in June so it is a great candidate for mixing with other, later-blooming perennials.

**BULB** Re-pot into  
#1 **Zones 4-10**  
**\$0.95 (100)+**

***Daphne* × *Perfume Princess*® 'DapJur01'  
*Perfume Princess*® *Daphne***

Evergreen, highly fragrant blooming hybrid of *D. odora* and *D. bholua*. "Perfume" does not adequately describe its wonderful fragrance. Vigorous and less fussy than either of its parent species, and bearing abundant, larger flowers than either parent as well. Exceptional plant, meriting multiple plants in any Maritime Northwest garden, but do remember to put it close-by or you may miss its fragrance.

**LP40ci** Re-pot into  
#1 **Zones 7-9**  
**\$10.65 (10)+**  
Price includes a \$1.75 royalty

***Disporum longistylum* 'Night Heron'  
Night Heron Disporum**

A Heronswood Nursery selection with bamboo-like stems that emerge dark purple rather than green, sheathed at each node with golden-tan papery bracts. Makes a 4-5 ft. tall evergreen clump (hardy in Zone 6, but deciduous) with small white flowers followed by many shiny black berries. Enjoys rich, moist soil.

**LP40ci** Re-pot into  
#1 **Zones 6-9**  
**\$8.70 (10)+**

***Gunnera tinctoria*  
Chilean Rhubarb**

*Gunnera* is one of South America's best contributions to our gardens, with leaves easily reaching 5 ft. across and 7 ft. high, sometimes more! It is easy and rapid-growing in moist soil, blossoming annually with tiny flowers on large 2 ft. club-like structures. Our liners finish fast in a #2 or #3 container. (Note: For a plant that loves water, it seems oddly averse to the high summer humidity of the East and Southeast).

**MP** Re-pot into  
#3 **Zones 7-10**  
**\$2.95 (50)+**

***Iris tenax*  
Oregon Iris**

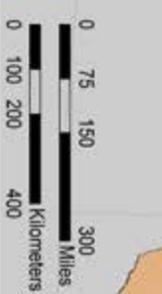
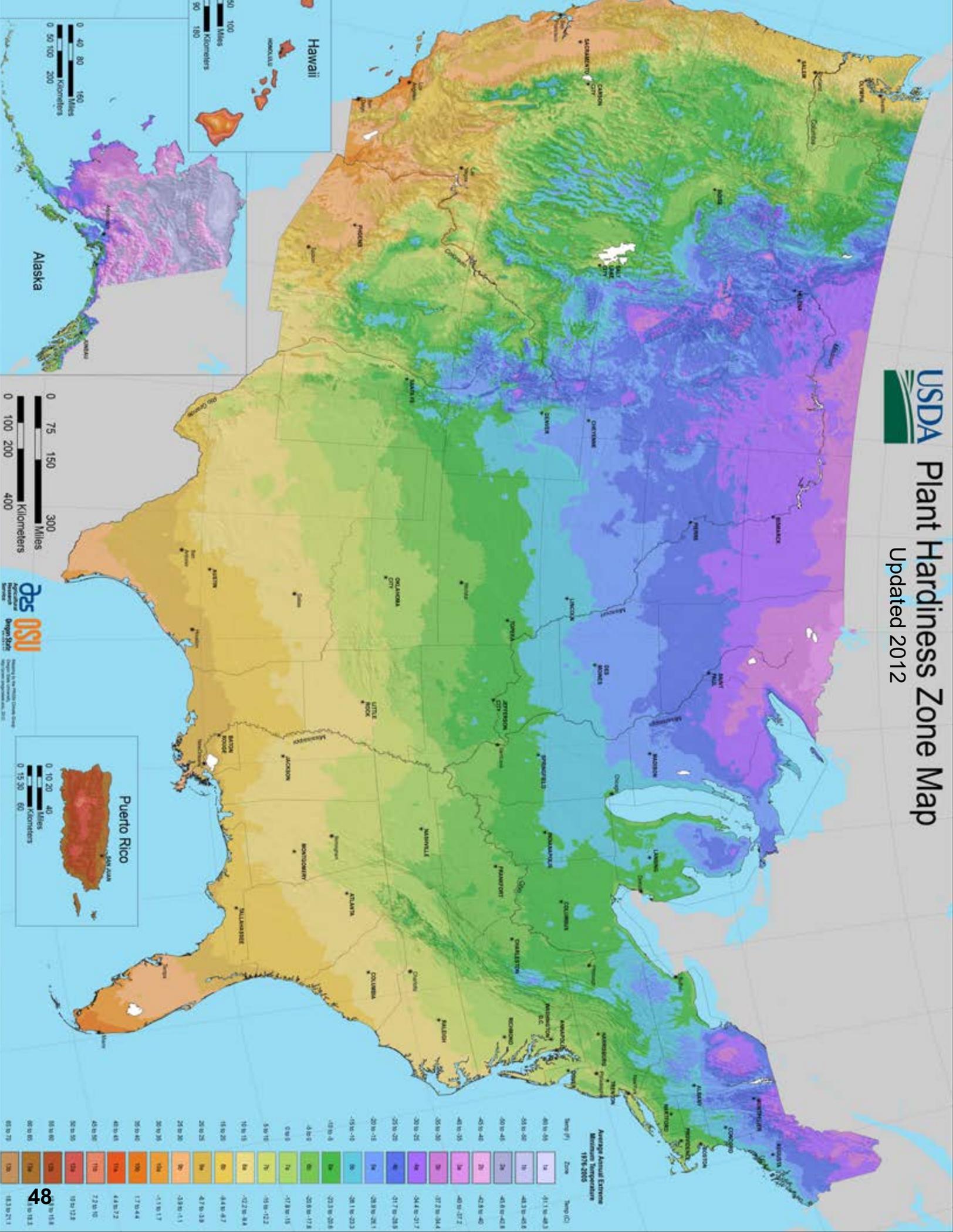
The leaves are tough, dark, grass-like, and nearly evergreen on this showy iris. It blooms in a spectacular color range from almost white to purple and all hues of blue in between. It is clump forming, blooming April-May, it is only 14 in. tall. This is an excellent, easy, very drought tolerant garden plant that is used far too infrequently. Nectar species for Dusky Wing and, occasionally, Fenders Blue Butterfly.

**DIVISION** Re-pot into  
#3 **Zones 6-9**  
**\$1.65 (50)+**



# Plant Hardiness Zone Map

Updated 2012



Average Annual Extreme Minimum Temperature 1976-2005

Temp (F)	Zone	Temp (C)
40 to 45	1a	-1.1 to -4.3
35 to 40	1b	-4.3 to -4.8
30 to 35	2a	-4.8 to -4.8
25 to 30	2b	-4.8 to -4.8
20 to 25	3a	-4.8 to -4.8
15 to 20	3b	-4.8 to -4.8
10 to 15	4a	-4.8 to -4.8
5 to 10	4b	-4.8 to -4.8
0 to 5	5a	-4.8 to -4.8
-5 to 0	5b	-4.8 to -4.8
-10 to -5	6a	-4.8 to -4.8
-15 to -10	6b	-4.8 to -4.8
-20 to -15	7a	-4.8 to -4.8
-25 to -20	7b	-4.8 to -4.8
-30 to -25	8a	-4.8 to -4.8
-35 to -30	8b	-4.8 to -4.8
-40 to -35	9a	-4.8 to -4.8
-45 to -40	9b	-4.8 to -4.8
-50 to -45	10a	-4.8 to -4.8
-55 to -50	10b	-4.8 to -4.8
-60 to -55	11a	-4.8 to -4.8
-65 to -60	11b	-4.8 to -4.8
-70 to -65	12a	-4.8 to -4.8
-75 to -70	12b	-4.8 to -4.8
-80 to -75	13a	-4.8 to -4.8
-85 to -80	13b	-4.8 to -4.8
-90 to -85	14a	-4.8 to -4.8
-95 to -90	14b	-4.8 to -4.8
-100 to -95	15a	-4.8 to -4.8
-105 to -100	15b	-4.8 to -4.8
-110 to -105	16a	-4.8 to -4.8
-115 to -110	16b	-4.8 to -4.8
-120 to -115	17a	-4.8 to -4.8
-125 to -120	17b	-4.8 to -4.8
-130 to -125	18a	-4.8 to -4.8
-135 to -130	18b	-4.8 to -4.8
-140 to -135	19a	-4.8 to -4.8
-145 to -140	19b	-4.8 to -4.8
-150 to -145	20a	-4.8 to -4.8
-155 to -150	20b	-4.8 to -4.8
-160 to -155	21a	-4.8 to -4.8
-165 to -160	21b	-4.8 to -4.8
-170 to -165	22a	-4.8 to -4.8
-175 to -170	22b	-4.8 to -4.8
-180 to -175	23a	-4.8 to -4.8
-185 to -180	23b	-4.8 to -4.8
-190 to -185	24a	-4.8 to -4.8
-195 to -190	24b	-4.8 to -4.8
-200 to -195	25a	-4.8 to -4.8
-205 to -200	25b	-4.8 to -4.8
-210 to -205	26a	-4.8 to -4.8
-215 to -210	26b	-4.8 to -4.8
-220 to -215	27a	-4.8 to -4.8
-225 to -220	27b	-4.8 to -4.8
-230 to -225	28a	-4.8 to -4.8
-235 to -230	28b	-4.8 to -4.8
-240 to -235	29a	-4.8 to -4.8
-245 to -240	29b	-4.8 to -4.8
-250 to -245	30a	-4.8 to -4.8
-255 to -250	30b	-4.8 to -4.8
-260 to -255	31a	-4.8 to -4.8
-265 to -260	31b	-4.8 to -4.8
-270 to -265	32a	-4.8 to -4.8
-275 to -270	32b	-4.8 to -4.8
-280 to -275	33a	-4.8 to -4.8
-285 to -280	33b	-4.8 to -4.8
-290 to -285	34a	-4.8 to -4.8
-295 to -290	34b	-4.8 to -4.8
-300 to -295	35a	-4.8 to -4.8
-305 to -300	35b	-4.8 to -4.8
-310 to -305	36a	-4.8 to -4.8
-315 to -310	36b	-4.8 to -4.8
-320 to -315	37a	-4.8 to -4.8
-325 to -320	37b	-4.8 to -4.8
-330 to -325	38a	-4.8 to -4.8
-335 to -330	38b	-4.8 to -4.8
-340 to -335	39a	-4.8 to -4.8
-345 to -340	39b	-4.8 to -4.8
-350 to -345	40a	-4.8 to -4.8
-355 to -350	40b	-4.8 to -4.8
-360 to -355	41a	-4.8 to -4.8
-365 to -360	41b	-4.8 to -4.8
-370 to -365	42a	-4.8 to -4.8
-375 to -370	42b	-4.8 to -4.8
-380 to -375	43a	-4.8 to -4.8
-385 to -380	43b	-4.8 to -4.8
-390 to -385	44a	-4.8 to -4.8
-395 to -390	44b	-4.8 to -4.8
-400 to -395	45a	-4.8 to -4.8
-405 to -400	45b	-4.8 to -4.8
-410 to -405	46a	-4.8 to -4.8
-415 to -410	46b	-4.8 to -4.8
-420 to -415	47a	-4.8 to -4.8
-425 to -420	47b	-4.8 to -4.8
-430 to -425	48a	-4.8 to -4.8
-435 to -430	48b	-4.8 to -4.8
-440 to -435	49a	-4.8 to -4.8
-445 to -440	49b	-4.8 to -4.8
-450 to -445	50a	-4.8 to -4.8
-455 to -450	50b	-4.8 to -4.8
-460 to -455	51a	-4.8 to -4.8
-465 to -460	51b	-4.8 to -4.8
-470 to -465	52a	-4.8 to -4.8
-475 to -470	52b	-4.8 to -4.8
-480 to -475	53a	-4.8 to -4.8
-485 to -480	53b	-4.8 to -4.8
-490 to -485	54a	-4.8 to -4.8
-495 to -490	54b	-4.8 to -4.8
-500 to -495	55a	-4.8 to -4.8
-505 to -500	55b	-4.8 to -4.8
-510 to -505	56a	-4.8 to -4.8
-515 to -510	56b	-4.8 to -4.8
-520 to -515	57a	-4.8 to -4.8
-525 to -520	57b	-4.8 to -4.8
-530 to -525	58a	-4.8 to -4.8
-535 to -530	58b	-4.8 to -4.8
-540 to -535	59a	-4.8 to -4.8
-545 to -540	59b	-4.8 to -4.8
-550 to -545	60a	-4.8 to -4.8
-555 to -550	60b	-4.8 to -4.8
-560 to -555	61a	-4.8 to -4.8
-565 to -560	61b	-4.8 to -4.8
-570 to -565	62a	-4.8 to -4.8
-575 to -570	62b	-4.8 to -4.8
-580 to -575	63a	-4.8 to -4.8
-585 to -580	63b	-4.8 to -4.8
-590 to -585	64a	-4.8 to -4.8
-595 to -590	64b	-4.8 to -4.8
-600 to -595	65a	-4.8 to -4.8
-605 to -600	65b	-4.8 to -4.8
-610 to -605	66a	-4.8 to -4.8
-615 to -610	66b	-4.8 to -4.8
-620 to -615	67a	-4.8 to -4.8
-625 to -620	67b	-4.8 to -4.8
-630 to -625	68a	-4.8 to -4.8
-635 to -630	68b	-4.8 to -4.8
-640 to -635	69a	-4.8 to -4.8
-645 to -640	69b	-4.8 to -4.8
-650 to -645	70a	-4.8 to -4.8
-655 to -650	70b	-4.8 to -4.8
-660 to -655	71a	-4.8 to -4.8
-665 to -660	71b	-4.8 to -4.8
-670 to -665	72a	-4.8 to -4.8
-675 to -670	72b	-4.8 to -4.8
-680 to -675	73a	-4.8 to -4.8
-685 to -680	73b	-4.8 to -4.8
-690 to -685	74a	-4.8 to -4.8
-695 to -690	74b	-4.8 to -4.8
-700 to -695	75a	-4.8 to -4.8
-705 to -700	75b	-4.8 to -4.8
-710 to -705	76a	-4.8 to -4.8
-715 to -710	76b	-4.8 to -4.8
-720 to -715	77a	-4.8 to -4.8
-725 to -720	77b	-4.8 to -4.8
-730 to -725	78a	-4.8 to -4.8
-735 to -730	78b	-4.8 to -4.8
-740 to -735	79a	-4.8 to -4.8
-745 to -740	79b	-4.8 to -4.8
-750 to -745	80a	-4.8 to -4.8
-755 to -750	80b	-4.8 to -4.8
-760 to -755	81a	-4.8 to -4.8
-765 to -760	81b	-4.8 to -4.8
-770 to -765	82a	-4.8 to -4.8
-775 to -770	82b	-4.8 to -4.8
-780 to -775	83a	-4.8 to -4.8
-785 to -780	83b	-4.8 to -4.8
-790 to -785	84a	-4.8 to -4.8
-795 to -790	84b	-4.8 to -4.8
-800 to -795	85a	-4.8 to -4.8
-805 to -800	85b	-4.8 to -4.8
-810 to -805	86a	-4.8 to -4.8
-815 to -810	86b	-4.8 to -4.8
-820 to -815	87a	-4.8 to -4.8
-825 to -820	87b	-4.8 to -4.8
-830 to -825	88a	-4.8 to -4.8
-835 to -830	88b	-4.8 to -4.8
-840 to -835	89a	-4.8 to -4.8
-845 to -840	89b	-4.8 to -4.8
-850 to -845	90a	-4.8 to -4.8
-855 to -850	90b	-4.8 to -4.8
-860 to -855	91a	-4.8 to -4.8
-865 to -860	91b	-4.8 to -4.8
-870 to -865	92a	-4.8 to -4.8
-875 to -870	92b	-4.8 to -4.8
-880 to -875	93a	-4.8 to -4.8
-885 to -880	93b	-4.8 to -4.8
-890 to -885	94a	-4.8 to -4.8
-895 to -890	94b	-4.8 to -4.8
-900 to -895	95a	-4.8 to -4.8
-905 to -900	95b	-4.8 to -4.8
-910 to -905	96a	-4.8 to -4.8
-915 to -910	96b	-4.8 to -4.8
-920 to -915	97a	-4.8 to -4.8
-925 to -920	97b	-4.8 to -4.8
-930 to -925	98a	-4.8 to -4.8
-935 to -930	98b	-4.8 to -4.8
-940 to -935	99a	-4.8 to -4.8
-945 to -940	99b	-4.8 to -4.8
-950 to -945	100a	-4.8 to -4.8
-955 to -950	100b	-4.8 to -4.8



# Size

## Container grown

We remove most plugs from their tray, or larger liners from the pot for UPS delivery. We net plug bundles with elastic netting to keep them organized and intact for shipping.



**SP**

**Small Plug**  
104 cell tray  
1.4 in. wide  
2 in. deep  
2.2 cu. in.



**MP**

**Medium Plug**  
60 cell tray  
1.9 in. wide  
3.5 in. deep  
9 cu. in.



**LP21ci**

**Large Plug**  
25 cell tray  
2.3 in. wide  
5.5 in. deep  
21 cu. in.



**LP40ci**

**Large Plug**  
12 cell tray  
3 in. wide  
7.1 in. deep  
40 cu. in.



**XP**

**Extra Large Plug**  
6 cell tray  
4.3 in. wide  
7.9 in. deep  
97 cu. in.



**#1**

**1-2' #1 WHIP**  
1 year whips  
from "gallon" pots

# Guide

## Bareroot

### Seedling propagation

We plant almost no seed directly in the field. Rather, we seed bulb trays with artificial media, allowing root pruning in the elevated trays. Seedlings are harvested in winter and graded by height or by stem diameter.



### Caliper grading - rootstock

Size	Stem diameter
1/8'	1/8 to 3/16 inch
3/16'	3/16 to 1/4 inch
1/4'	1/4 to 3/8 inch
3/8'	3/8 to 1/2 inch

## Transplants



**3-4' LT BRCH**  
2 or 3 year  
field grown



**TR**  
2 or 3 year  
transplants

# The Fine Print

## Acknowledgments

- 🌿 We will acknowledge your order soon after you place it. As final harvest grades and counts come in, we will know more accurately what we will ship and call you if there are significant concerns.
- 🌿 We will do our best to match the sizes and quantities in your order. However, at shipping we may still need to substitute a size smaller or larger than we originally acknowledged unless you specify “no substitutions”.

## Deposits and Payment

- 🌿 If you are on **Pay in Advance (PIA)** terms you must submit a 25% deposit due by December 15<sup>th</sup>. The balance is due two weeks before shipping. If you cancel your spring order after January 15<sup>th</sup>, or fail to complete full payment you may forfeit your deposit.
- 🌿 **PIA** customers prepay for plants and shipping costs based on our best estimate of total charges. Despite our experienced judgement on expected UPS charges, if there's a remaining shipping balance, we'll bill you the final charges. Overpayment will be refunded or credited to a future order.
- 🌿 Unpaid balance of the order, including freight, **must** be received at minimum 3 weeks before scheduled ship date to avoid delay and/or deposit forfeiture.
- 🌿 Orders not secured by a deposit will receive lower priority in the event of crop shortage.
- 🌿 No new order will be confirmed if your account is past due.

## Credit Policy

- 🌿 Established customers with a record of timely payment, may apply for 30 terms. To request credit terms, customers must complete the credit application available online or from our office.
- 🌿 Verifying credit can take up to 2-3 weeks. Please allow sufficient time to complete this process before your order is scheduled to ship. We will establish a reasonable limit based on your credit needs, the references you provide, and your history with us.
- 🌿 Credit card payment will incur a 3% surcharge.
- 🌿 Past due accounts are subject to a 1.5% per month service charge (18% APR). Any account which becomes substantially overdue will revert to PIA for future orders.
- 🌿 A \$25.00 fee will be charged for returned checks.
- 🌿 Accounts inactive for 2 years will revert to PIA and will need to fill out a new credit application.

## UPS, Trucking & Pick-ups

- 🌿 Our primary shipping season is from February 1<sup>st</sup> - April 15<sup>th</sup> when plants are most dormant. We recommend bareroot shipments before March 31<sup>st</sup>. Container grown plants can generally be **picked up** year-round.
- 🌿 We will ship the best way after careful review of weather, plant condition, your delivery flexibility, and freight cost. UPS 3 Day is your most secure delivery investment. If you instruct us to ship by UPS Ground, you must accept responsibility for any plant loss due to plants freezing or spoiling in transit.
- 🌿 Plants taller than 5 ft. must be shipped by truck or picked up at the nursery. **If your order needs to be shipped by your broker or your own truck, please let us know whom to contact.**
- 🌿 We charge \$150 to arrange trucking.
- 🌿 We do not deliver plants.
- 🌿 Set your pickup date carefully, please. Give us at least two weeks notice when scheduling a pickup, and **try to schedule it for Thursday or Friday. Give us a courtesy call if your plans change, please.**
- 🌿 If you do not show up on the pick up date you specify we charge a re-stocking fee of \$200 after 2 days.

## Canadian Orders

- 🌿 Phytosanitary Certificate (PC) and export document fee is \$100. PC expires 14 days after issuance. If you delay or request a different ship date after we get a PC for your order, we may have to get a new PC, for which a \$100 additional fee will apply.
- 🌿 Please be certain to include on your import permit that soil/artificial soil mix is permitted; otherwise, you will incur washing fees.
- 🌿 All payments must be made in US funds. Due to lengthy bank processing times, we require wire transfer of funds unless other specific provisions are made. We will work with you to ID what best suits you, and still helps us to get paid on time.

## Cancellations

- 🌿 We assemble orders 1 week before the scheduled ship week. Please give us at least one month advance courtesy notice if you need to reduce/change your order so that we can reallocate plants for other clients who may have them back-ordered.
- 🌿 A major order reduction or cancellation after an order has been staged will incur a 20% restocking fee.
- 🌿 If we don't hear from you after our final letter, your order will be cancelled and future orders will require a 50% deposit before confirmation.

# Closing Comments

## Contracting

Have you considered its merits? Although we no longer offer a rebate, contracting your order ahead offers benefits for those whose orders are regularly large. Call us if you need to discuss specifics.

## Standing Orders

If there are items you need on an annual basis, we can create a yearly **Standing Order**. We roll them into the next season. That way your order gets priority status.

## Visitors

We accept visitors by appointment. You're welcome to visit any time of year. We have several growing locations, and want to be sure you're getting the most out of your time with us, so please schedule your visit. We'll arrange a tour to suit your needs.

## Minimum Order

**WHOLESALE ONLY.** Minimum \$750.

Please order in full bundles (shown alongside prices).

## Quality Assurance

Our commitment to you is to grow the best value unusual tree and shrub liners you can find and to deliver them on time. We hope you are especially pleased with your plants' root systems. This should be your immediate impression when you open the box or pick up your order. If it isn't, we want to hear from you as soon as possible so we can address your concerns.

If you take reasonable and prompt care of your plants after delivery and they fail to grow, it's essential you let us know soon. Please contact us within 15 days after delivery. Any discrepancies in counts or shipping damage must be reported within 10 days of delivery to qualify for credit.

**Claims:** We want to determine the cause so we can make changes to avoid repeating costly mistakes. We'll make every reasonable effort (limited to purchase price) to ensure you are pleased with your purchase and our service. If you feel the plant loss might be on our end or simply want a second opinion, please take some photos and email them in with the quantity and size in question. Bareroot plant claims may not be honored for bare root shipments after March 31<sup>st</sup>, or for Japanese maples transplanted after that date. Please make every reasonable effort to take delivery before April, and pot them up as soon as possible

## Thank You

We so appreciate your continued orders, your trust, and the strong relationship that we've developed with you over many years. Running a nursery, landscape, or garden center enterprise can be an intense experience. Because of YOU we have bright hopes for the future.

If you have further questions or comments, we'd really like to hear from you.

## Office & Mailing

4194 - 71st Ave. SE  
Salem, OR 97317  
(503) 585-9835

Fax: (503) 371-9688

[sales@heritageseedlings.com](mailto:sales@heritageseedlings.com)

[heritageseedlings.com](http://heritageseedlings.com)

## Greenhouses

11786 Kingdom Lane SE  
(Milepost 19, Hwy. 22 East)  
Stayton, OR 97383

## Shipping/Pick up

19386 North Santiam Hwy  
(Milepost 20, Hwy. 22 East)  
Stayton, OR 97383

Mark and Jolly's grandchildren  
How many horticulturists are in this picture?

