



# HERITAGE

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

## WHOLESALE CATALOG 2020-2021



*Aesculus parviflora*





*Aesculus parviflora*  
Bottlebrush Buckeye

Difficult to find in the nursery trade, we have a robust supply to offer, so take advantage of this unique opportunity.

Easy to grow, it works well in a #3 pot for quick finish and sale. Customers will appreciate its ability to thrive in shade or sun. It requires no pruning and will gradually expand its footprint via suckers, but is never aggressive.

Emergent leaves shown above are a pleasant early spring surprise, and the flowers are always a garden delight; hummingbirds occupy themselves gathering nectar for almost a month in mid-summer.

This hardy American native shrub merits a spot on YOUR availability list, grown in a container or a bag for year-round sale.

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



# HERITAGE

seedlings & liners, inc

Unusual Deciduous Species



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# ProfiTip™

## Red Japanese Maples

### Top ten reasons why they're so sought after by garden center shoppers:

1. Above all, they're simply beautiful, an excellent promo item for spring or fall sales.
2. Easy to grow, maintain.
3. Widely adapted, from cold northern climates into the South.
4. Fast growing in a #1 or #2 container, our 1-year seedlings can be sold within 6 months.
5. Larger transplants go into #5 or #7 pots, depending on what sells best.
6. Price points are so favorable vs. grafted 'Bloodgood' or 'Emperor 1' liners.
7. High color-quality red seedlings are almost indistinguishable from named varieties.
8. Our crop is not only vivid, intense red, but uniform, we have our own seed orchard.
9. We always have a dependable supply, so you can offer your own reliable supply, too.
10. Root systems on larger 2-3 year-old, bareroot transplants may expand your sales options to landscapers and offer you the maximum profit potential per SF. Pot them up and offer them year-round.



# HERITAGE

seedlings & liners, inc.

Unusual Deciduous Species

Summer 2020

Dear Friends,

Business, especially a family nursery business, has way more choices and opportunities than we can commit to, so we have to continuously remind ourselves to **keep it simple**.

There's what we DO, and what we DON'T do. As life and work become more complex, we recommit to leadership in our industry, to reliability for you, and to stability for our staff.

We're on track with our usual ambitious propagation goals and supply reliability. We offer you a diverse selection of new woody ornamental liners and a dependable supply of the tried and true. Our many liner sizes help match your production cycle and our price points expand your profit opportunities.

Beyond the transactional functions in our relationship, we offer you our integrity. We're your partner. We aim to help you have a good LIFE, not just make a good LIVING.

Honor us with your order. See for yourself what distinguishes us from our competition: transparent dealing, responsive service, and accountable paperwork and shipping. No surprises. And when we occasionally goof, we identify the cause and work with you to fix it.

**Simple:** We're your ally in a confusing world, your partner.

*Mark & Jolly*

Mark, Jolly and staff



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# So, what's up at Heritage during the pandemic?

When the virus took hold in March, we were finishing seed planting, shifting up fresh winter grafts, and deciding how many liners to transplant from the cooler and greenhouses. It seemed everyone in the country was in a panic. Would we get hit with a bunch of no-pays? How soon would the virus visit US? The news seemed to get worse and worse daily.

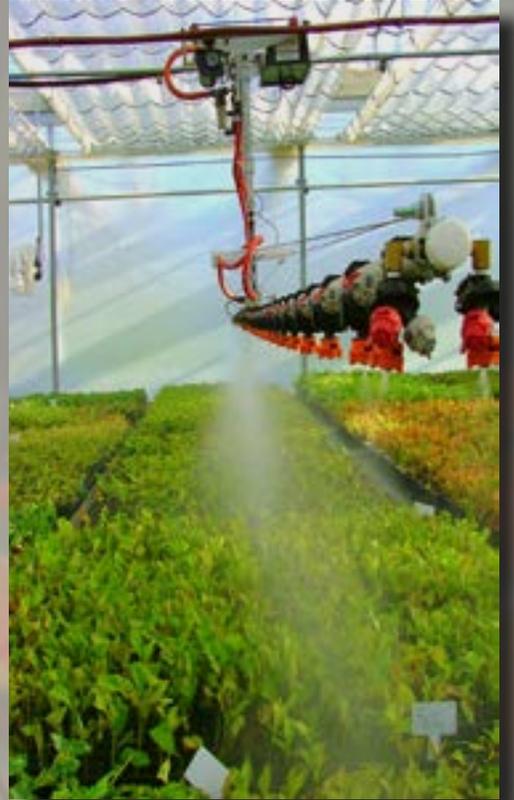
After habitual cleaning of common areas and shared surfaces in all our facilities, and continuous crew education, we've had no outbreak. It's a pain in the butt to be so obsessed with masks and managing small crews, tracking who's with whom daily. But we're all healthy and keeping our regular pace.

Fact is, in recent months we're doubled down to be sure we're reliably able to fill your orders.

- In May, for example, we bought an extra 100,000 steel nursery stakes for field-grown budded liners to make sure all of our fresh buds grow off straight and are taped regularly.
- Plant selection? This season we've brought in more than 3 dozen new cultivars and a like number of new seed-propagated species. For the foreseeable future we'll have this rich selection of material coming in at the same brisk pace so we have an innovative selection for your enjoyment and profit.
- We're interviewing for another management level position so we don't add more production on the backs of existing staff.

So if you've wondered how we're doing here in Oregon, be assured when you look to us for liners, **we deliver.**

We're just fine, THANK YOU !





# ACER

## *Acer buergerianum* Trident Maple



Small shade tree with flaky, orange-gray 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.

	Re-pot into	<b>Zones 5-9</b>
<b>MP</b>	<b>#1</b>	<b>\$1.35 (50)+</b>

## *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.

	Re-pot into	<b>Zones 4-8</b>
<b>3/16"</b>	<b>#1</b>	<b>\$1.85 (50)+</b>
<b>1/4"</b>	<b>#1</b>	<b>\$2.35 (50)+</b>

## *Acer circinatum* Vine Maple



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

	Re-pot into	<b>Zones 5-9</b>
<b>1-2'</b>	<b>#1</b>	<b>\$1.85 (50)+</b>
<b>2-3'</b>	<b>#3</b>	<b>\$2.35 (50)+</b>
<b>3-4' TR</b>	<b>#5</b>	<b>\$5.90 (10)+</b>

## *Acer circinatum* Three Cheers™ 'HS12' Three Cheers™ Vine Maple

Heritage Seedlings selection, much more upright, tree-like when grown as a single stem. Its silhouette is an attractive flame shape, twice as tall as wide with unusually tight branch angles. If you're pruning wild seedlings into tree form, save labor. Upgrade your list to offer this native selection and show your customers the benefit of predictable form, whether in a residential landscape or on a commercial site. It offers the prospect of uniformity and lower maintenance on any landscape job.

	Re-pot into	<b>Zones 5-8</b>
<b>2-3'</b>	<b>#3</b>	<b>\$13.65 (10)+</b>
<b>3-4'</b>	<b>#5</b>	<b>\$15.95 (10)+</b>



**Great Plant Picks** is an educational program that presents a selection of outstanding plants for the maritime Pacific Northwest.

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

## *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 tough and adaptable in the landscape.

	Re-pot into	Zones 5-8
LP21ci	#3	\$4.15 (25)+
2-3'	#3	\$3.65 (50)+
3-4'	#5	\$4.55 (25)+
4-5' TR	#10	\$12.85 (10)+

## *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. Unlike grafted varieties, healthy specimen trees seem to always be in short supply. Our pot-grown seedlings have been kept totally protected from frost to ensure that your rootstocks are free of *Pseudomonas* (black stem) blight. Ask around. Grow the best from Heritage and profit more. **See page 35**

	Re-pot into	Zones 5-9
MP 1/8" caliper	#1	\$0.95 (50)+
MP 3/16" caliper	#1	\$1.05 (50)+
LP 1/4" band pot	#1	\$1.50 (50)+
3-4' 2YR TR	#5	\$7.40 (10)+

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

This is 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 disturbed roots. Either gives rapid spring regrowth.

	Re-pot into	Zones 5-9
XP 2-3'	#10	\$11.70 (10)+
#1 2-3' WHIP	#5	\$13.65 (10)+
#1 3-4' WHIP	#5	\$15.95 (10)+
3-4' WHIP	#5	\$15.95 (10)+
4-5' LT BRCH	#7-10	\$21.80 (10)+
5-6' LT BRCH	#10	\$23.30 (10)+

## *Acer palmatum* 'Crimson Queen' Crimson Queen Japanese Maple

Among the most widely known and grown of all weeping red Japanese maples. Develops its best character by being staked until it's 6-7 feet tall with a central leader, from which the pendulous branches cascade. Many find that by selectively thinning these branches in years 4-5, its fine architectural form becomes easier to maintain and expresses the best character of the variety. This allows 4-season appreciation, especially in winter - in contrast to plants that are neglected, allowed to become non-descript purple-red "mushrooms".

	Re-pot into	Zones 5-9
#1 2-3' WHIP	#5	\$12.40 (10)+
#1 3-4' WHIP	#5	\$14.65 (10)+

## *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	Zones 5-9
#1 2-3' WHIP	#5	\$13.65 (10)+
#1 3-4' WHIP	#5	\$15.95 (10)+
3-4' WHIP	#5	\$15.95 (10)+
4-5' LT BRCH	#7-10	\$21.80 (10)+
5-6 LT BRCH	#10	\$23.30 (10)+

## *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 by fall.

	Re-pot into	Zones 5-9
#1 2-3' WHIP	#5	\$12.40 (10)+
#1 3-4' WHIP	#5	\$14.65 (10)+
2-3' WHIP	#3	\$12.40 (10)+
3-4' WHIP	#5	\$14.65 (10)+

## *Acer palmatum* 'Inaba shidare' Inaba shidare Japanese Maple

Among the best of the weeping red laceleaf maples 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	\$13.65 (10)+
#1 3-4' WHIP	#5	\$15.95 (10)+
4-5' LT BRCH	#7-10	\$21.80 (10)+
5-6' LT BRCH	#10	\$23.30 (10)+



*Acer palmatum* 'Fireglow'

## ***Acer palmatum* 'Moonfire'**

### **Moonfire Japanese Maple**

Very dark red-black bark and opalescent leaves give this maple a dramatic appearance. Its upright growth reaches 15 ft. at maturity. This variety holds its color very well in heat and humidity of Houston, TX. That's quite a trait for a golden leafed variety.

	Re-pot into	Zones 5-9
2-3' WHIP	#3	\$12.40 (10)+
3-4' WHIP	#5	\$14.65 (10)+

## ***Acer palmatum* 'Orangeola'**

### **Orangeola Laceleaf Japanese Maple**

More strongly weeping than most selections in its group, and wider color changes: orange to red to dark greenish red and back to bright red-orange in the fall.

	Re-pot into	Zones 5-9
#1 2-3' WHIP	#5	\$13.65 (10)+
#1 3-4' WHIP	#5	\$15.95 (10)+
2-3' WHIP	#3	\$13.65 (10)+
3-4' WHIP	#5	\$15.95 (10)+

## ***Acer palmatum* '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 dissectums, 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	\$12.40 (10)+
#1 3-4' WHIP	#5	\$14.65 (10)+

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

### **Coral Bark Japanese Maple**

A small vase-shaped tree, the wintertime red and pink bark on young branches are its best features. As with most reddish barked maples, in cool moist areas it suffers from blight if it is fertilized too late in spring. Moreover, as the tree ages, its coral bark appeal diminishes. A popular, long-time classic.

	Re-pot into	Zones 5-9
#1 2-3' WHIP	#5	\$13.65 (10)+
#1 3-4' WHIP	#5	\$15.95 (10)+

## ***Acer palmatum* '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	\$13.65 (10)+
#1 3-4' WHIP	#5	\$15.95 (10)+



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

## ***Acer palmatum* 'Tamuke yama'**

### **Tamuke yama Japanese Maple**

This laceleaf maple holds its dark purple-red leaf color better than others and is especially vigorous in hot climates. Spring color is crimson and fall color is scarlet.

	Re-pot into	Zones 5-9
#1 2-3' WHIP	#5	\$13.65 (10)+
#1 3-4' WHIP	#5	\$15.95 (10)+
2-3' WHIP	#3	\$13.65 (10)+
3-4' WHIP	#5	\$15.95 (10)+
4-5' LT BRCH	#7-10	\$21.80 (10)+
5-6' LT BRCH	#10	\$23.30 (10)+



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

Unique narrow 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 long here in NW Oregon.

	Re-pot into	<b>Zones 5-9</b>
<b>#1 2-3' WHIP</b>	<b>#5</b>	<b>\$12.40 (10)+</b>
<b>#1 3-4' WHIP</b>	<b>#5</b>	<b>\$14.65 (10)+</b>
<b>2-3' WHIP</b>	<b>#3</b>	<b>\$12.40 (10)+</b>
<b>3-4' WHIP</b>	<b>#5</b>	<b>\$14.65 (10)+</b>

***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 the garden centers in a #1 or #2 pot. See page 2.

	Re-pot into	<b>Zones 5-8</b>
<b>MP 1-2'</b>	<b>#1</b>	<b>\$1.85 (50)+</b>
<b>LP21ci 2-3'</b>	<b>#3</b>	<b>\$3.45 (25)+</b>
<b>1-2' TR (1-2YR)</b>	<b>#3</b>	<b>\$3.75 (25)+</b>
<b>2-3' TR (2YR)</b>	<b>#5</b>	<b>\$5.15 (25)+</b>
<b>3-4' TR (2YR)</b>	<b>#7</b>	<b>\$8.25 (10)+</b>

***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	<b>Zones 5-9</b>
<b>#1 2-3' WHIP</b>	<b>#5</b>	<b>\$12.40 (10)+</b>
<b>3-4' WHIP</b>	<b>#5</b>	<b>\$14.65 (10)+</b>

***Acer pensylvanicum***  
**Moosewood, Striped Maple**

A North American native that grows as a forest understory companion to beech and maple. Also known as "Goosefoot" Maple, it has striped bark, large leaves, and bright yellow fall color. Generally small in stature, it prefers shade and may range from an extremely cold-hardy large shrub to top out at 40 ft., depending on conditions.

<b>MP</b>	Re-pot into	<b>Zones 3-7</b>
	<b>#2</b>	<b>\$2.40 (50)+</b>



**"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.



***Acer pensylvanicum***



*Acer pseudoplatanus* 'Esk Sunset'

## *Acer pseudoplatanus*

### Sycamore Maple

Vigorous and easy to grow in the nursery, this lends 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	<b>Zones 4-7</b>
<b>3/16" caliper</b>	<b>#3</b>	<b>\$1.50 (50)+</b>
<b>1/4" caliper</b>	<b>#3</b>	<b>\$1.65 (50)+</b>

## *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're 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'.

	Re-pot into	<b>Zones 4-7</b>
<b>xP 2-3'</b>	<b>#3</b>	<b>\$13.90 (10)+</b>
<b>#1 3-4'</b>	<b>#3</b>	<b>\$18.60 (10)+</b>

## *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	<b>Zones 3-8</b>
<b>6-12"</b>	<b>#1</b>	<b>\$1.65 (50)+</b>
<b>1-2'</b>	<b>#1</b>	<b>\$1.85 (50)+</b>

## *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	<b>Zones 3-9</b>
<b>2-3'</b>	<b>#1</b>	<b>\$1.40 (50)+</b>
<b>3-4' LT TR</b>	<b>#5</b>	<b>\$6.10 (10)+</b>
<b>4-5' LT TR</b>	<b>#5</b>	<b>\$9.80 (50)+</b>

## *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.

	Re-pot into	<b>Zones 3-8</b>
<b>LP21ci 3/16" caliper</b>	<b>#1</b>	<b>\$2.15 (50)+</b>
<b>LP21ci 1/4" caliper</b>	<b>#1</b>	<b>\$2.45 (50)+</b>



maples ready to ship

## ***Acer shirasawanum* Moonrise™** Munn 001' PP 16,718

### **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.

	Re-pot into	<b>Zones 5-7</b>
<b>2-3' WHIP</b>	<b>#5</b>	<b>\$14.65 (10)+</b>
<b>3-4' WHIP</b>	<b>#5-7</b>	<b>\$16.95 (10)+</b>

Prices include a \$1.00 royalty

## ***Acer truncatum***

### **Shantung Maple**

Resistant to drought and polluted air, this maple is a promising ornamental. Its growth rate is relatively fast but it doesn't become as large as Norway maple, and is not invasive. Its small size, hardiness, appealing Sweetgum-like leaves and brilliant fall color make it a logical candidate for high pH soils or for areas where a tough, yet highly ornamental tree is needed.

	Re-pot into	<b>Zones 5-8</b>
<b>MP</b>	<b>#1</b>	<b>\$1.45 (50)+</b>

## **AESCULUS**

### ***Aesculus hippocastanum***

#### **Horsechestnut**

Dominating mature size limits this tree to large open areas. Often used as a rootstock for *Aesculus xcarnea* hybrids, which are smaller and more disease resistant.

	Re-pot into	<b>Zones 3-8</b>
<b>1/4"</b>	<b>#2</b>	<b>\$1.60 (50)+</b>

## ***Aesculus parviflora*** cover item



**Bottlebrush Buckeye**  
A large shrub that spreads from root suckers, it is usually no more than 10 ft. tall. Tolerates deep shade and still flowers reliably. Although its suckering habit and small stature might suggest a tender nature, it is remarkably hardy, tolerating winter lows to -31°F. Rarely found in quantity in the wholesale trade, this is a choice American native to reserve for your best customers.

	Re-pot into	<b>Zones 4-8</b>
<b>LP40ci</b>	<b>#3</b>	<b>\$7.90 (10)+</b>
<b>3-4' TR</b>	<b>#7</b>	<b>\$13.35 (25)+</b>



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.



***Acer shirasawanum* Moonrise™**

**Aesculus pavia**  
**Red Buckeye**



To lump this distinguished small tree with more coarse horsechestnuts is inappropriate, as it has tremendous ornamental appeal. Shiny, scorch-free foliage and bright red spring flowers command attention. Tolerates heat well, stays small, and blooms freely even in shade. Among *Aesculus* this one is an aristocrat that merits far wider use in the trade. Truly a "Wow!" plant.

6-12" Re-pot into #2 **Zones 5-8**  
**\$2.55 (50)+**

**Aesculus xcarnea 'Briotii'**  
**Briotii Red Horsechestnut**

A hybrid of *Aesculus hippocastanum* and *Aesculus pavia* with intermediate characteristics. Best used in a broad, open landscape so it doesn't become crowded. Flowers are an attractive pink, splashed with yellow inside. Generally no spring fruits are produced, a big maintenance plus.

XP 1-2' Re-pot into #3 **Zones 4-8**  
3-4' #7 **\$12.60 (10)+**  
**\$21.10 (10)+**

**ALBIZIA**  
**Albizia julibrissin**  
**Mimosa**

Fast growing to form a broad crown and height of 35 ft. Adapted across a wide range and easily grown in the nursery, though it suffers from disease and insect problems. Can become weedy or invasive in some areas, so these are offered for rootstock use only. Best grown in full sun and droughty, high pH soils where there are few choices for a fine-textured tree.

MP Re-pot into #3 **Zones 6-10**  
**\$1.45 (50)+**

**AMELANCHIER**  
**Amelanchier xgrandiflora**  
**'Autumn Brilliance'®**

**Autumn Brilliance® Serviceberry**  
Excellent trade name recognition because it's a clearly superior clone across a wide variety of Midwest and East US climates. Grows to 20-25 ft. and develops reliable red-orange autumn color. The showy multi-colored fruits are relished by birds, and it never becomes obtrusive in the landscape border. What a gem!

MP Re-pot into #3 **Zones 3-7**  
**\$4.05 (50)+**

**Price includes a \$0.90 royalty**

**ARBUTUS**  
**Arbutus 'Marina'**  
**Marina Strawberry Tree**

Generally, madrone species are difficult to keep alive in the nursery for longer than 5-8 yrs. because they're so susceptible to root rot. But this is a robust hybrid, a truly exceptional nursery plant. Drought tolerant, easily grown. Attractive reddish flowers accent its handsome, orange-cinnamon bark. The biggest specimen in the US is 45 x 45 ft., but it is generally of smaller stature, a superb selection for CA and sunny south exposures in the Pacific Northwest.

3-4' TR Re-pot into #5 **Zones 8-10**  
**\$13.65 (10)+**

**Arbutus menziesii**  
**Pacific Madrone**

Northwest native having highly ornamental cinnamon bark that peels mid-summer. Creamy flowers and orange-red autumn berries. Requires coarse, well-drained soil, and grows best in full sun on a south-facing slope. Although it tolerates heat and drought well, it is intolerant of compacted soil, so be careful to plant it in a spot where it will be undisturbed by traffic.

MP Re-pot into #2 **Zones 7-9**  
LP40ci #3 **\$3.25 (50)+**  
**\$6.90 (10)+**

**ASIMINA**  
**Asimina triloba**  
**Pawpaw**



Widely adapted and tolerant of damp 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.

3/16" caliper Re-pot into #2 **Zones 5-8**  
**\$3.25 (50)+**

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



In contrast to selections like Heritage® or DuraHeat®, seedlings typically have very dark bark, not at all showy except for its modest peeling. But what you lose in ornamental appeal you gain in price advantage because our production costs are so much lower. Use seedlings as a rootstock, or where you require inexpensive liners in an Eastern US landscape restoration project. A wetland mitigation job, or a parking lot runoff swale. Fast-growing, heat tolerant, cold hardy well into Canada, and tolerant of compacted construction site soil, seedlings can offer quick shade cover at an inexpensive price.

1-2' Re-pot into #5 **Zones 3-9**  
**\$1.80 (50)+**

## **Betula nigra Dura-Heat®** 'BMMTF'

### **Dura-Heat® River Birch**

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

	Re-pot into	Zones 3-9
MP	#2-3	\$3.30 (25)+
LP21ci	#5	\$4.90 (25)+
3-4' LT TR	#7	\$6.05 (10)+
4-5' LT TR	#7-10	\$7.05 (10)+

Prices include a \$0.30 (plug) \$0.90 (TR) royalty

## **Betula nigra Heritage®** 'Cully'

### **Heritage® 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	Zones 3-9
MP	#2-3	\$2.90 (50)+
LP21ci	#5	\$4.85 (25)+
3-4' LT TR	#7	\$5.90 (10)+
4-5' LT TR	#7-10	\$6.90 (10)+

Prices include a \$0.25 (plug) or \$0.75 (TR) royalty

## **Betula nigra Northern Tribute®** 'Dickinson'

### **Northern Tribute® River Birch**

This is proving to be the most adaptable River Birch to dry and alkaline soil conditions in addition to be completely hardy in Zone 3. So, 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; it has a proven track record of over 40 years. Ivory-colored with striking coppery-bronze exfoliations, the bark is appealing year round. Resistant to birch borers.

	Re-pot into	Zones 3-8
MP	#2-3	\$3.65 (25)+
3-4' LT TR	#7	\$6.85 (10)+
4-5' LT TR	#7-10	\$8.10 (10)+

Prices include a \$1.00 royalty

## **Betula utilis var. jacquemontii**

### **Whitebarked Himalayan Birch**

This is the most prized of white barked birches. It grows in classic conical form; it doesn't often look natural in a clump, though it is often used that way. It's a fast-growing easy to use, adaptable tree.

	Re-pot into	Zones 4-8
LP40ci	#5	\$6.90 (10)+
3-4' LT TR	#7	\$9.65 (10)+



**Betula nigra Heritage®**

# Hornbeam

## 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	Zones 5-7
3/16" caliper	#1	\$1.45 (50)+
1/4" caliper	#1	\$1.80 (50)+
3-4' TR *HEDGE	#10	\$9.85 (10)+

\* Low-branched for hedges

Plant directly into landscape for max profit.

### *Carpinus betulus* 'Columnaris Nana'

#### Dwarf Columnar European Hornbeam

Given no pruning, forms a dense, upright small specimen tree. A diminutive hedge could be another landscape option, with the larger-than-usual buds adding to its winter interest. Rarely available in the trade, but very easy to grow and zero maintenance required other than irrigation. Striking in patio container culture along with colorful perennials or annuals.

	Re-pot into	Zones 5-7
1-2'	#3	\$18.30 (10)+
2-3'	#5	\$21.00 (10)+
3-4'	#7	\$23.80 (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	\$13.55 (10)+
XP 3-4'	#7	\$14.85 (10)+
#2 4-5'	#7	\$18.90 (10)+
#2 5-6'	#10	\$20.90 (10)+
4-5'	#7	\$21.90 (10)+
5-6'	#10	\$23.90 (10)+

### *Carpinus betulus* 'Frans Fontaine'

#### Frans Fontaine European Hornbeam



Similar to 'Fastigiata', but with slower growth habit and denser 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 2-3'	#5	\$13.55 (10)+
XP 3-4'	#7	\$14.85 (10)+

### *Carpinus betulus* 'Pinocqueo'

#### Pinocqueo 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 2-3'	#5	\$13.55 (10)+
XP 3-4'	#7	\$14.85 (10)+



*Carpinus betulus* 'Columnaris Nana'

***Carpinus caroliniana* Wisconsin Red™  
Wisconsin Red™ Musclewood**

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	<b>Zones 3-7</b>
LP21ci 1-2'	<b>#3</b>	<b>\$3.00 (25)+</b>
1-2'	<b>#2</b>	<b>\$2.55 (50)+</b>
2-3'	<b>#5</b>	<b>\$3.00 (50)+</b>
4-5' TR	<b>#7</b>	<b>\$9.55 (10)+</b>
5-6' TR	<b>#10</b>	<b>\$13.10 (10)+</b>

Prices include a \$0.20 royalty



***Carpinus caroliniana* WI source  
Hardy American Hornbeam, Musclewood**

A seedling strain selected over many years by Mike Yanny of Johnson's Nursery in Menominee Falls, WI. for improved orange-red autumn color. A small-scale (to 30 ft. x 30 ft.) tree with a dense canopy. Its leaf and bark characteristics resemble a small beech tree with fall color. Easy to transplant. Use as rootstock for Firespire™ to assure grafted plants will survive in Zones 3-4.

	Re-pot into	<b>Zones 3-9</b>
6-12"	<b>#1</b>	<b>\$1.10 (50)+</b>
1-2'	<b>#1-2</b>	<b>\$1.30 (50)+</b>

***Carpinus cordata*  
Heartleaf Hornbeam**

A tidy & attractive small tree, too-little used. Grows to 40 ft. tall and has scaly, furrowed bark. Big green winter buds open to heart-shaped leaves. Quite slow growing when it gets older, it shoots up surprisingly fast as a young tree in the nursery.

	Re-pot into	<b>Zones 5-8</b>
3/16" caliper	<b>#1-2</b>	<b>\$2.15 (50)+</b>

***Carpinus coreana*  
Korean Hornbeam**

The best bonsai choice among hornbeams because of its tiny leaves and shrubby, short irregular stems. 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.

	Re-pot into	<b>Zones 5-8</b>
6-12"	<b>#1-2</b>	<b>\$1.75 (50)+</b>



***Carpinus caroliniana* Wisconsin Red™**

Size Guide pages 54-55



***Carpinus Skylark***<sup>™</sup>

***Carpinus japonica***  
**Japanese Hornbeam**



Its narrow leaves have a remarkable, deeply impressed, 3-D character - worth growing for this one feature alone. Not bothered by disease, it grows rapidly to form a round-shaped crown 25-30 ft. tall. During summer and autumn, the long seed-bearing "hops" make the tree appear decorated. Performs best in the South if it is partially shaded.

1-2'	Re-pot into #1-2	<b>Zones 5-7</b> <b>\$3.25 (25)+</b>
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***Carpinus Skylark***<sup>™</sup> **NEW**  
**Skylark**<sup>™</sup> **Hornbeam**

From our friends at the Morton Arboretum, combining 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, fast even in droughty conditions. Treat them with routine nursery care and watch them make you money.

XP 2-3'	Re-pot into #3	<b>Zones 5-8</b> <b>\$14.75 (10)+</b>
XP 3-4'	#5	<b>\$16.05 (10)+</b>

Prices include a \$1.20 royalty

**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.

1-2'	Re-pot into #1-2	<b>Zones 3-9</b> <b>\$1.85 (50)+</b>
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**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.

MP	Re-pot into #2	<b>Zones 5-8</b> <b>\$1.85 (50)+</b>
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***Cercidiphyllum jap. Claim Jumper™***

***Cercidiphyllum japonicum*  
'Morioka Weeping'**  
**Morioka 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.

#1 3-4'      Re-pot into #5      **Zones 5-8**  
**\$16.90 (10)+**

***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.

#1 3-4'      Re-pot into #5      **Zones 5-8**  
**\$16.90 (10)+**

***Cercidiphyllum jap. Claim Jumper™* 'HS11'**  
**Claim Jumper™ Golden Katsuratree**

Distinctively, 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.

#1 3-4'      Re-pot into #5      **Zones 5-8**  
**\$16.90 (10)+**



***Cercidiphyllum japonicum*  
'Rotfuchs'**



***Cercidiphyllum japonicum*  
'Morioka Weeping'**

# Redbud

## 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.

	Re-pot into	Zones 5-9
3/16" caliper	#1	\$1.45 (50)+
1/4" caliper	#1	\$1.75 (50)+
2-3' TR	#3	\$6.45 (10)+
3-4' TR	#5	\$8.60 (10)+

### *Cercis canadensis* Burgundy Hearts®

#### Burgundy Hearts® Redbud

A new selection that has proven itself with excellent color retention and added resistance to summer leaf scorch than older maroon-leaved cultivars, especially in the heat of the Southeast. Rosy-purple flowers are followed by red-purple new foliage turning to wine-red burgundy in summer. Holds leaf color well throughout the fall.

	Re-pot into	Zones 5-9
3-4'	#7	\$17.55 (10)+

Price includes a \$2.00 royalty

### *Cercis canadensis* 'Forest Pansy'

#### Forest Pansy Redbud

Widely planted, 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'	#7	\$13.65 (10)+
#1 4-5'	#7-10	\$15.65 (10)+
4-5'	#7-10	\$17.50 (10)+
5-6'	#10	\$19.85 (10)+

### *Cercis canadensis* 'Ruby Falls' PP 22,097

#### 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'	#7	\$16.40 (10)+
#1 4-5'	#7-10	\$18.30 (10)+
5-6'	#10	\$22.60 (10)+

Prices include a \$2.75 royalty

### *Cercis canadensis* Lavender Twist®

#### 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'	#7	\$14.65 (10)+
#1 4-5'	#7-10	\$16.55 (10)+

Prices include a \$1.00 royalty

### *Cercis occidentalis*

#### Western Redbud

Heart-shaped light greenish gray leaves cover the thin brown branches in early spring, turning a darker shade of green later in the season, followed by gold and red foliage in autumn. Flower clusters of showy magenta color. Drought adapted and heat tolerant.

	Re-pot into	Zones 7-9
6-12"	#1	\$1.45 (50)+
1-2'	#1	\$2.15 (50)+



*Cercis canadensis*  
Lavender Twist®



*Cercis canadensis* 'Forest Pansy'

***Cercis canadensis* var. *texensis* '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 keeps it tidy all season long.

	Re-pot into	<b>Zones 7-9</b>
<b>5-6'</b>	<b>#10</b>	<b>\$22.10 (10)+</b>

**CHIONANTHUS**  
***Chionanthus retusus***  
**Chinese Fringetree**



Like *Chionanthus virginicus*, Chinese Fringetree is an easily grown small to medium tree. Flowers are borne at the ends of new shoots, weighing down the branches like wet snow. Few pests bother it. Always appealing across the seasons, the cinnamon-colored flaky bark is most attractive in winter when contrasted against a snowy background.

	Re-pot into	<b>Zones 6-8</b>
<b>6-12"</b>	<b>#1</b>	<b>\$2.75 (50)+</b>
<b>LP21ci</b>	<b>#2</b>	<b>\$4.30 (10)+</b>
<b>2-3' TR</b>	<b>#5</b>	<b>\$5.65 (25)+</b>

***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	<b>Zones 4-9</b>
<b>6-12"</b>	<b>#1</b>	<b>\$2.65 (50)+</b>
<b>1-2'</b>	<b>#1</b>	<b>\$3.00 (50)+</b>
<b>LP21ci</b>	<b>#2</b>	<b>\$2.90 (25)+</b>

**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	<b>Zones 4-8</b>
<b>1-2'</b>	<b>#1</b>	<b>\$2.65 (50)+</b>
<b>2-3'</b>	<b>#2</b>	<b>\$3.40 (50)+</b>
<b>LP21ci</b>	<b>#2</b>	<b>\$2.80 (25)+</b>



***Cladrastis kentukea***



**fall color**

# Dogwood



**Cornus Rosy Tecups®**

## COMPTONIA

### *Comptonia peregrina* Sweetfern

With attractive lacey foliage that is sweetly scented, this makes an attractive, slowly spraeading small shrub that should be planted where it can be observed and easily touched to release its fragrance. It has a long history of medicinal uses and merits much wider ornamental planting.

	Re-pot into	<b>Zones 2-8</b>
<b>LP21ci</b>	<b>#2</b>	<b>\$3.70 (25)+</b>

## CORNUS

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

Very fine hybrid from Rutgers, this *Cornus kousa xnuttallii* 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	<b>Zones 5-8</b>
<b>#1 3-4'</b>	<b>#7</b>	<b>\$20.50 (10)+</b>
<b>2-3'</b>	<b>#5</b>	<b>\$17.60 (10)+</b>
<b>3-4'</b>	<b>#7</b>	<b>\$20.50 (10)+</b>
<b>4-5' LT BRCH</b>	<b>#10</b>	<b>\$22.85 (10)+</b>
<b>5-6' LT BRCH</b>	<b>#10</b>	<b>\$25.35 (10)+</b>

Prices include a \$1.75 royalty

### *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>2-3'</b>	<b>#5</b>	<b>\$16.35 (10)+</b>
<b>3-4'</b>	<b>#7</b>	<b>\$19.25 (10)+</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>\$20.25 (10)+</b>
<b>4-5'</b>	<b>#10</b>	<b>\$22.60 (10)+</b>
<b>5-6'</b>	<b>#10</b>	<b>\$24.95 (10)+</b>

Prices include a \$1.50 royalty.

***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	<b>Zones 3-7</b>
<b>1-2'</b>	<b>#1</b>	<b>\$1.85 (50)+</b>
<b>LP21ci</b>	<b>#2</b>	<b>\$2.35 (25)+</b>

***Cornus capitata* 'Mountain Moon'**  
**Mountain Moon Dogwood**

For the milder parts of the country this evergreen dogwood is a real show stopper. The foliage is deep green and contrast very well with the large, rounded, overlapping white bracts which nearly obscure the foliage. Easily trained to tree form. Fine with strong winds and not bothered by pests.

	Re-pot into	<b>Zones 7-10</b>
<b>LP40ci</b>	<b>#3</b>	<b>\$11.90 (10)+</b>

***Cornus controversa***  
**Giant Dogwood**

This handsome, wide-spreading Chinese tree reaches 30-45 ft. in height. It has a layered, horizontal branch habit, and showy 5-7 in. clusters of small white flowers that precede purple-black fruits in the fall. Taller and more tree-like than its American cousin, *Cornus alternifolia*.

	Re-pot into	<b>Zones 5-8</b>
<b>LP21ci</b>	<b>#2</b>	<b>\$2.35 (25)+</b>



*Cornus capitata* 'Mountain Moon'



*Cornus florida* LP plugs

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



**Cornus kousa 'Summer Gold'** PP22,765

**Cornus elliptica**

**Empress of China**® 'ELSBRY' PP 14,537

**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>#5</b>	<b>\$13.40 (10)+</b>
<b>Price includes a \$1.50 royalty.</b>		

**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</b>	<b>#1</b>	<b>\$1.45 (50)+</b>
<b>LP21ci 3/16" caliper</b>	<b>#2</b>	<b>\$1.80 (25)+</b>
<b>3-4' TR</b>	<b>#5</b>	<b>\$8.65 (10)+</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'</b>	<b>#5</b>	<b>\$18.75 (10)+</b>

**Cornus florida Raging' Red**™ 'JN13'

**Raging' Red**™ Dogwood

While Ragin' Red has the darkest red floral bracts of any *Cornus florida* it also has very dark red leaves here in Oregon nearly all summer long. Fall color is again red. So it really is in a red rage from spring until leaf drop.

	Re-pot into	<b>Zones 5-8</b>
<b>2-3'</b>	<b>#5</b>	<b>\$18.70 (10)+</b>
<b>3-4'</b>	<b>#7</b>	<b>\$21.70 (10)+</b>

**Prices include a \$1.50 royalty.**

**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	<b>Zones 5-8</b>
<b>2-3'</b>	<b>#5</b>	<b>\$15.85 (10)+</b>
<b>3-4'</b>	<b>#7</b>	<b>\$18.75 (10)+</b>

## Cornus kousa 'Satomi'

### Satomi Dogwood

Best known of the pink *Cornus kousa* selections. Flowers are a rich variety of muted pinks. 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
2-3'	#5	\$15.85 (10)+
3-4'	#7	\$18.75 (10)+

## 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 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'	#5	\$16.70 (10)+
3-4'	#7	\$19.60 (10)+

Prices include a \$0.85 royalty.

## Cornus kousa BlueRay™ 'JN6'

### Blue Ray™ Dogwood

The large, well-formed foliage is cast with a blue haze, very different than any other dogwood. Moderate-sized creamy white flowers are starry and the bracts overlap halfway.

	Re-pot into	Zones 5-8
2-3'	#5	\$18.45 (10)+

Price includes a \$1.25 royalty.

## Cornus kousa '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
4-5'	#7	\$21.10 (10)+
5-6'	#10	\$24.15 (10)+

## "How will my order be packed?"

To save shipping expense and prevent stem damage in UPS transit, we take our pot-grown plants out of propagation plug trays or other containers when we pack your order. All plants will be well-rooted, but we have no wish to send you (at UPS 3 Day delivery rates) more soil mix than necessary, or pots that you already have too many of.

Bare root plants are packed moist and tight in the box to arrive quickly without heating or mold in transit. Open all boxes promptly on receipt.



**Cornus florida 'Cherokee Brave'**



**1 year grafted dogwoods**



***Cornus kousa* Scarlet Fire™**

***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	<b>Zones 5-8</b>
2-3'	<b>#5</b>	<b>\$15.85 (10)+</b>
3-4'	<b>#7</b>	<b>\$18.75 (10)+</b>

***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, unwrinkled leaves and strong growing habit qualify it a money-maker.

	Re-pot into	<b>Zones 5-8</b>
2-3'	<b>#5</b>	<b>\$17.50 (10)+</b>
<b>Price includes a \$1.65 royalty</b>		

***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>SP 1/8" caliper</b>	<b>#1</b>	<b>\$1.00 (50)+</b>
<b>MP 3/16" caliper</b>	<b>#1-2</b>	<b>\$1.35 (50)+</b>

***Cornus kousa* 'Wolf Eyes'**

**Wolf Eyes Dogwood**

Originally a branch sport, this dogwood is strongly white variegated. It's fine in the sun, but should be used to brighten a shady spot in the landscape. 'Wolf Eyes' is a compact plant and has excellent pink and red fall color.

	Re-pot into	<b>Zones 5-8</b>
1-2'	<b>#3</b>	<b>\$14.40 (10)+</b>

***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	<b>Zones 5-8</b>
2-3'	<b>#5</b>	<b>\$19.55 (10)+</b>
<b>Price includes a \$2.35 royalty</b>		



***Cornus kousa* 'Wolf Eyes'**

## CORYLUS

***Corylus colurna***

**Turkish Filbert**



Uncommon in American gardens, this medium to large tree ought to be used more for its pest-free character, corky bark, and symmetrical cone-shaped outline. Stays remarkably green through the toughest drought. Often used as rootstock for *Corylus avellana* 'Contorta' as contrasted to *Corylus avellana* because it has less potential to produce suckers below the graft union.

	Re-pot into	<b>Zones 4-7</b>
<b>LP21ci 3/16" caliper</b>	<b>#2</b>	<b>\$2.40 (25)+</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>XP</b>	<b>#3</b>	<b>\$8.55 (10)+</b>
<b>2YR TR</b>	<b>#5</b>	<b>\$7.50 (10)+</b>

Prices include a \$0.65 royalty

### ***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>3/16"</b>	<b>#2</b>	<b>\$1.75 (50)+</b>

### ***Cornus nuttallii***

**Pacific Dogwood**

Among the largest of dogwoods, its best landscape merits are expressed in the Pacific Northwest. Excellent fall color, may repeat bloom. In mild winter areas, it is used as rootstock for exceptionally vigorous *Cornus kousa* hybrids.

	Re-pot into	<b>Zones 7-9</b>
<b>MP</b>	<b>#2</b>	<b>\$2.20 (50)+</b>

### ***Cornus sericea***

**Redtwig Dogwood**

Tolerates wet or dry conditions. Exceptionally tough shrub grown for its bright red winter stems. Occasional pruning promotes best winter stem color.

	Re-pot into	<b>Zones 3-7</b>
<b>1-2'</b>	<b>#3</b>	<b>\$0.95 (50)+</b>

### ***Cotinus coggygia* '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, a price-conscious customer.

	Re-pot into	<b>Zones 5-8</b>
<b>XP</b>	<b>#3</b>	<b>\$8.60 (10)+</b>



***Cotinus coggygia* var. *purpurea***

# Contract

- When you choose contract production with Heritage, your order is in a unique priority category with our propagation/growing team. Octavio and Taylor build all other production in AFTER we set aside your plants. So unless we have a complete disaster, your order will be covered.
- You get to specify what sizes you want and we work together to make sure we deliver on time.
- We update you regularly on the status of your contract, and send pics or whatever you wish to verify that we're all on track. This helps us tweak the contract as market conditions change year-to-year.
- As supply channels shrink, it's your opportunity for our best price. So it helps you lock in your profit for sales that are essential to your and your clients' success. Sure, you may get lucky and find a bit better price elsewhere after you lock in a contract with us. But building a profit into your system is easier and more secure if you know your price points well ahead of time and can offer that same courtesy to your customers without depending on luck as a business strategy.

Let us know if you want references on how this works. They tell us they'd never go elsewhere after depending on us in the context of a secure production contract.

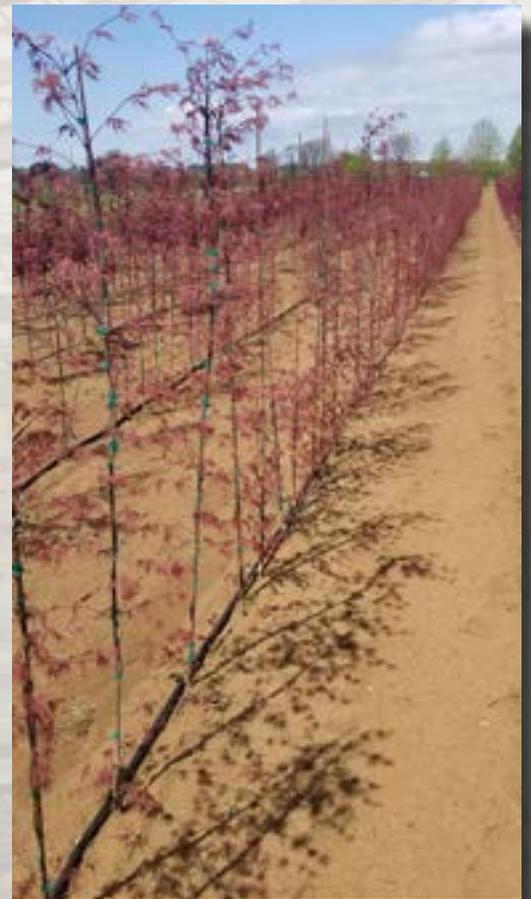


**Our availability lists are emailed and posted on our website beginning early August. Look for them monthly after mid-November.**



# Standing order

- A standing order is essentially “*Roll my last season’s order over again for next year, except that I want to add this and take off that.*”
- We fold standing orders into our normal production cycle. It helps protect your interest because we build your order into our propagation projections.
- It places yours **ahead of new orders** for product if we have a shortage of some size or fewer plants than we expect to harvest in a normal production cycle.
- A standing order is a great way to remember to lock your order in ahead of time and simplify the process. Just tweak it for sizes and quantities. You can always add or take some items off if you change your mind. All we ask is that you limit deletions in the month before delivery.





*Davidia involucrata*

**Cotinus coggygria var. purpurea**  
**Purple Smoketree**

Deep purple leaves which hold color throughout the summer. Economical 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 seedling benches are pulled out early, so you're assured of receiving plants with uniform, dark purple leaves.

	Re-pot into	<b>Zones 5-8</b>
6-12"	#1	\$1.05 (50)+
1-2'	#1-3	\$1.25 (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 coggygria* and much taller in stature at maturity.

	Re-pot into	<b>Zones 4-8</b>
1-2'	#1-2	\$2.10 (50)+
2-3'	#3	\$2.55 (50)+

**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	<b>Zones 6-8</b>
2-3'	#5	\$8.75 (25)+

**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	<b>Zones 4-9</b>
3/16" caliper	#1	\$1.10 (50)+

**FAGUS**  
*Fagus grandifolia*  
**American Beech**

Heat tolerance helps this native tree outperform *Fagus 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	<b>Zones 3-9</b>
LP21ci	#2	\$3.90 (25)+

**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	<b>Zones 5-8</b>
LP21ci 3/16" caliper	#1	\$2.60 (25)+
LP21ci 1/4" caliper	#1-2	\$2.90 (25)+
2-3' TR *HEDGE	#5	\$6.40 (10)+
3-4' TR *HEDGE	#10	\$8.90 (10)+

\*Low branched for hedges  
 Plant directly into landscape for max profit.

**Order early for best size selection.**

## *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'.

XP 2-3'

Re-pot into  
#3-5

Zones 5-8  
\$14.90 (10)+

## *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.

XP 2-3'

Re-pot into  
#3-5

Zones 5-8  
\$14.90 (10)+

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



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

XP 2-3'

Re-pot into  
#3-5

Zones 5-8  
\$14.90 (10)+



*Fagus sylvatica* 'Roseomarginata'



## Why do we propagate beech in plugs?

- Beeches are like oaks, but even more finicky about having their roots disturbed after mid-winter. They're tough plants, but this is a result of the plant putting down a root system several times larger than its top while it's a seedling if it germinates in the woods.
- We germinate beech seed in 25-cell root-pruning plug trays so that each seedling taproot is air-pruned. Moreover, our mycorrhizal inoculum fosters exceptionally fibrous roots in the first 6 weeks after the seed sprouts.
- Our beech and oak liners, our filberts and hornbeams all come to you with fine mycorrhizal roots to assure you of nearly perfect transplant success. In fact, transplanting pot grown liners into the field allows successful bareroot digging after several years since the root systems were modified from the get-go on germination.



***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 to enormous impressive specimens. Fast-growing in the nursery, they make great field plants to bump later into a #15-20 container.

	Re-pot into	<b>Zones 5-8</b>
<b>XP 2-3'</b>	<b>#3-5</b>	<b>\$14.90 (10)+</b>

***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	<b>Zones 5-8</b>
<b>XP 2-3'</b>	<b>#3-5</b>	<b>\$14.90 (10)+</b>

***Fagus sylvatica* f. *purpurea***  
**Purple European Beech**

A relatively inexpensive alternative to more expensive grafted varieties, these beauties offer dark purple leaves in the spring to draw customer attention in the garden center. Utilize them as specimens or to make a distinctive hedge. Seed is difficult to procure annually so our supply is hard to predict. So get these when you can, a few years' supply at a time.

	Re-pot into	<b>Zones 5-8</b>
<b>3-4' TR * HEDGE</b>	<b>#7</b>	<b>\$10.60 (10)+</b>
<b>4-5' TR * HEDGE</b>	<b>#10</b>	<b>\$12.75 (10)+</b>

**\*Low branched for hedges  
 Plant directly into landscape for max profit.**

**FOTHERGILLA**  
***Fothergilla xintermedia* 'Mt. Airy'**  
**Mt. Airy Fothergilla**



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

	Re-pot into	<b>Zones 5-8</b>
<b>LP40ci</b>	<b>#3</b>	<b>\$6.90 (10)+</b>

**FRANKLINIA**  
***Franklinia alatamaha***  
**Franklin Tree**

Always sought after, this uncommon tree is celebrated because of its legendary origin in horticulture as well as its role as an extraordinary landscape plant. Camellia-like flowers are borne from early autumn until frost. Brilliant, shiny autumn foliage-a plant for your connoisseur clients.

	Re-pot into	<b>Zones 6-8</b>
<b>MP</b>	<b>#1</b>	<b>\$5.25 (50)+</b>
<b>LP40ci</b>	<b>#1</b>	<b>\$6.90 (10)+</b>

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

# 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 unsexed seedlings, used almost exclusively for grafting.

	Re-pot into	Zones 4-8
3/16" caliper	#1	\$1.45 (50)+
1/4" caliper	#1	\$1.65 (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
#1 2-3'	#3	\$16.35 (10)+
#1 3-4'	#5	\$17.90 (10)+
4-5'	#5	\$22.60 (10)+

## *Ginkgo biloba* 'Magyar' Magyar Ginkgo

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

	Re-pot into	Zones 4-8
#1 2-3'	#3	\$16.35 (10)+
#1 3-4'	#5	\$17.90 (10)+
4-5'	#5	\$22.60 (10)+

## *Ginkgo biloba* 'Mariken' Mariken Ginkgo

Stiffly horizontal, this male is a dwarf shrubby form that grows 3-4 ft. tall x 5-8 ft. wide over 10 yrs. Very popular.

	Re-pot into	Zones 4-8
#1 1-2' LOW GRAFT	#3	\$14.85 (10)+
1-2' *HG HVY BRCH	#3	\$21.60 (10)+
*High Graft		



**"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.

## *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
#1 1-2'	#3	\$15.45 (10)+
#1 2-3'	#5	\$16.95 (10)+
4-5'	#5	\$23.20 (10)+

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
#1 2-3'	#3-5	\$16.35 (10)+
#1 3-4'	#3-5	\$17.90 (10)+
3-4'	#5	\$20.15 (10)+
4-5'	#5	\$22.60 (10)+

## Ginkgo biloba Goldspire 'Blagon'

### Goldspire Ginkgo

Goldspire Ginkgo grows slowly but is dense and upright, less than ¼ as wide as tall. A male selection from Europe it has golden foliage in autumn.

	Re-pot into	Zones 4-8
#1 2-3'	#2	\$16.35 (10)+
#1 3-4'	#3	\$17.90 (10)+
4-5'	#5	\$22.60 (10)+

## 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	Zones 5-8
#1 2-3'	#2	\$17.35 (10)+
#1 3-4'	#5	\$18.90 (10)+

Prices include a \$1.00 royalty

## xGORDLINIA

### xGordlinia 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 more finicky *Franklinia*.

	Re-pot into	Zones 7-10
LP40ci	#2-3	\$7.90 (10)+

## HALESIA

### 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	Zones 4-8
3/16" caliper	#1	\$2.55 (50)+
1/4" caliper	#3	\$3.25 (50)+

## 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	Zones 3-8
3/16" caliper	#1	\$1.35 (50)+

### Hamamelis xint. '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	Zones 5-8
LP21ci	#2	\$9.60 (10)+

### Hamamelis xint. 'Jelena'

#### Jelena Witchhazel

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

	Re-pot into	Zones 5-8
LP21ci	#2	\$10.10 (10)+

## 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	Zones 5-9
MP	#2	\$3.10 (50)+

## HYDRANGEA

### Hydrangea quercifolia 'Pee Wee'

#### Pee Wee Oakleaf Hydrangea

This is the smallest form that we offer, but it's not a dwarf. It has smaller flowers and redder fall color than the others. Some tip damage below -30°F.

	Re-pot into	Zones 5-9
MP	#2	\$2.90 (50)+
XP	#3	\$7.65 (10)+



Great Plant Picks is an educational program that presents a selection of outstanding plants for the maritime Pacific Northwest.

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

## *Hydrangea quercifolia* 'Queen of Hearts'

### Queen of Hearts Oakleaf Hydrangea

Released from the U.S. National Arboretum's (USNA) shrub breeding program in McMinnville, TN. Blooming a week later than other sections and holding its mature blooms even longer, it extends the bloom season. They are 9 inches long and age to pink. Grows to 6 ft. tall by 9 ft. wide.

	Re-pot into	<b>Zones 5-9</b>
<b>XP</b>	<b>#3</b>	<b>\$7.65 (10)+</b>

## *Hydrangea quercifolia* 'Ruby Slippers'

### Ruby Slippers Oakleaf Hydrangea

Another 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>MP</b>	<b>#1</b>	<b>\$3.20 (50)+</b>
<b>XP</b>	<b>#3</b>	<b>\$7.65 (10)+</b>



*Heptacodium miconioides*

## *Hydrangea quercifolia* 'Sike's Dwarf'

### Sike's Dwarf Oakleaf Hydrangea

Half of normal size, spreading to 4 ft., this clone is well-suited for textural contrast in a perennial border.

	Re-pot into	<b>Zones 5-9</b>
<b>MP</b>	<b>#1-3</b>	<b>\$2.90 (50)+</b>
<b>XP</b>	<b>#3</b>	<b>\$7.65 (10)+</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>MP</b>	<b>#2</b>	<b>\$3.20 (50)+</b>
<b>LP21ci</b>	<b>#2-3</b>	<b>\$5.10 (25)+</b>
<b>XP</b>	<b>#3</b>	<b>\$7.65 (10)+</b>



## **ILEX**

## *Ilex verticillata* 'Winter Gold'

### Winter Gold Winterberry

Orange-gold fruits and lighter green foliage. Originally found as a branch sport of 'Winter Red'.

	Re-pot into	<b>Zones 3-9</b>
<b>MP</b>	<b>#1</b>	<b>\$2.65 (50)+</b>



*Hydrangea quercifolia* 'Ruby Slippers'



***Ilex verticillata* 'Winter Red'**  
**Winter Red Winterberry**

Best known; many say it's the best winterberry.

	Re-pot into	<b>Zones 3-9</b>
<b>MP</b>	<b>#1</b>	<b>\$2.65 (50)+</b>

***Ilex verticillata* 'Southern Gentleman'**  
**Southern Gentleman Winterberry**

Male pollinator: no fruit. Order at least one pollinator for every 10 female plants of fruiting cultivars.

	Re-pot into	<b>Zones 3-9</b>
<b>MP</b>	<b>#1</b>	<b>\$2.65 (50)+</b>
<b>2 YR TR</b>	<b>#3</b>	<b>\$6.65 (10)+</b>

**JUGLANS**

***Juglans nigra***  
**Black Walnut**

Everyone's grandma had a walnut table, but the craftsmen who made them are increasingly scarce, and trees of size to cut 16-inch wide boards are too valuable these days to survive much longer on private property unless grandma has her rolling pin handy. Tough, slow-growing American native.

	Re-pot into	<b>Zones 5-7</b>
<b>3/16"</b>	<b>#2</b>	<b>\$1.75 (50)+</b>
<b>1/4"</b>	<b>#2</b>	<b>\$2.15 (50)+</b>

**KOELREUTERIA**

***Koelreuteria paniculata***  
**Goldenraintree**



Attractive as a landscape tree for its bright golden flowers that stand erect above the distinctive foliage. July flowers mature into clustered, papery "Chinese lantern" seed capsules that droop from the branches mid-summer through autumn. Goldenraintree seems to do best if it is somewhat neglected. It performs well in alkaline or dry soil, and it tolerates heat well.

	Re-pot into	<b>Zones 5-9</b>
<b>MP</b>	<b>#1</b>	<b>\$1.60 (50)+</b>

**LINDERA**

***Lindera benzoin***  
**Spicebush**

Its autumn color, early spring flowers, small habit, ease of care, and fragrant foliage make this shrub highly ornamental. It is well-adapted in wet areas, great for naturalizing, and rarely taller than head-high.

	Re-pot into	<b>Zones 4-8</b>
<b>1-2' TR</b>	<b>#3</b>	<b>\$5.40 (10)+</b>
<b>2-3' TR</b>	<b>#5</b>	<b>\$6.90 (10)+</b>

*Liquidambar styraciflua* 'Gold Beacon'

# 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>
MP	#1	\$1.75 (50)+
LP21ci	#2	\$2.45 (10)+

## *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>
XP 2-3'	#5	\$15.10 (10)+

Price includes a \$1.00 royalty

## *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>
XP 2-3'	#5	\$14.10 (10)+

## 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>
LP21ci 2-3'	#5	\$3.25 (50)+
3-4' TR	#7	\$7.25 (10)+
4-5' TR	#10	\$8.65 (10)+

# ProfiTip™

## Green Japanese Maples

We frequently see red ones, but green ones - not so often. Why are specimen trees of *Acer palmatum* relatively scarce? We feel it's simply that the wholesale trade is traditionally focused on red seedlings. Yet, green seedlings become superb landscape specimens. They're not finicky; they grow fast as youngsters and then settle into a period of 50-60 years of delightful grace and charm with minimal care. Just a bit of interior pruning helps to remove occasional dry branches. They mature at just the right size, shed minimal leaf and branch litter, become flaming in fall color, and require only a little irrigation in the most dry summer periods. Adapted from the Gulf to Toronto, from DC to San Fransisco, they adapt to all but the most harsh of winter environments and dry, high pH soils.

Consider our #1 containers or large plugs if you want a nearly fool-proof starter plant, and offer them alongside red seedlings for new likely sales opportunities.

# 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 2-3'	#5	\$17.95 (10)+
Price includes a \$3.00 royalty		

### *Magnolia 'Blushing Belle'*

#### Blushing Belle Magnolia

Wow! A knock-out new 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 3-4"	#5	\$17.55 (10)+
#1 4-5"	#7	\$20.25 (10)+

### *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 2-3'	#5	\$14.95 (10)+
#1 3-4'	#5	\$17.55 (10)+
#1 4-5'	#7	\$20.25 (10)+

### *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 2-3'	#5	\$19.10 (10)+
#1 3-4'	#5	\$21.90 (10)+
#1 4-5'	#7	\$24.65 (10)+

Prices include a \$3.00 royalty

### *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 3-4'	#5	\$20.90 (10)+
#1 4-5'	#7	\$22.25 (10)+
Prices include a \$2.00 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. xsoulangiana* (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. xsoulangiana* selections. These plants are quite a prize.



	Re-pot into	Zones 5-8
#1 1-2'	#3	\$12.35 (10)+
#1 2-3'	#5	\$14.95 (10)+
#1 3-4'	#5	\$17.55 (10)+

### *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* x *Magnolia denudata*.

	Re-pot into	Zones 5-8
#1 3-4'	#5	\$17.55 (10)+



Where else can you find 27 kinds of magnolias, including a plentiful supply of Kobus rootstock and hard-to-find *M. ashei* or *M. denudata*? We've got the best!

## 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	Zones 5-8
#1 3-4'	#5	\$18.90 (10)+

## 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	Zones 5-9
#1 1-2'	#3	\$16.35 (10)+
#1 2-3'	#5	\$19.10 (10)+
#1 3-4'	#5	\$21.90 (10)+

Prices include a \$3.00 royalty

## 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	Zones 5-9
#1 1-2'	#3	\$12.35 (10)+
#1 2-3'	#5	\$14.95 (10)+
#1 3-4'	#5	\$17.55 (10)+
#1 4-5'	#7	\$20.25 (10)+

## Magnolia Genie™

### Magnolia Genie™

The culmination of 15 yrs. 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 tepal tips fade to a lighter magenta-rose. 'Genie' has lightly scented blooms.

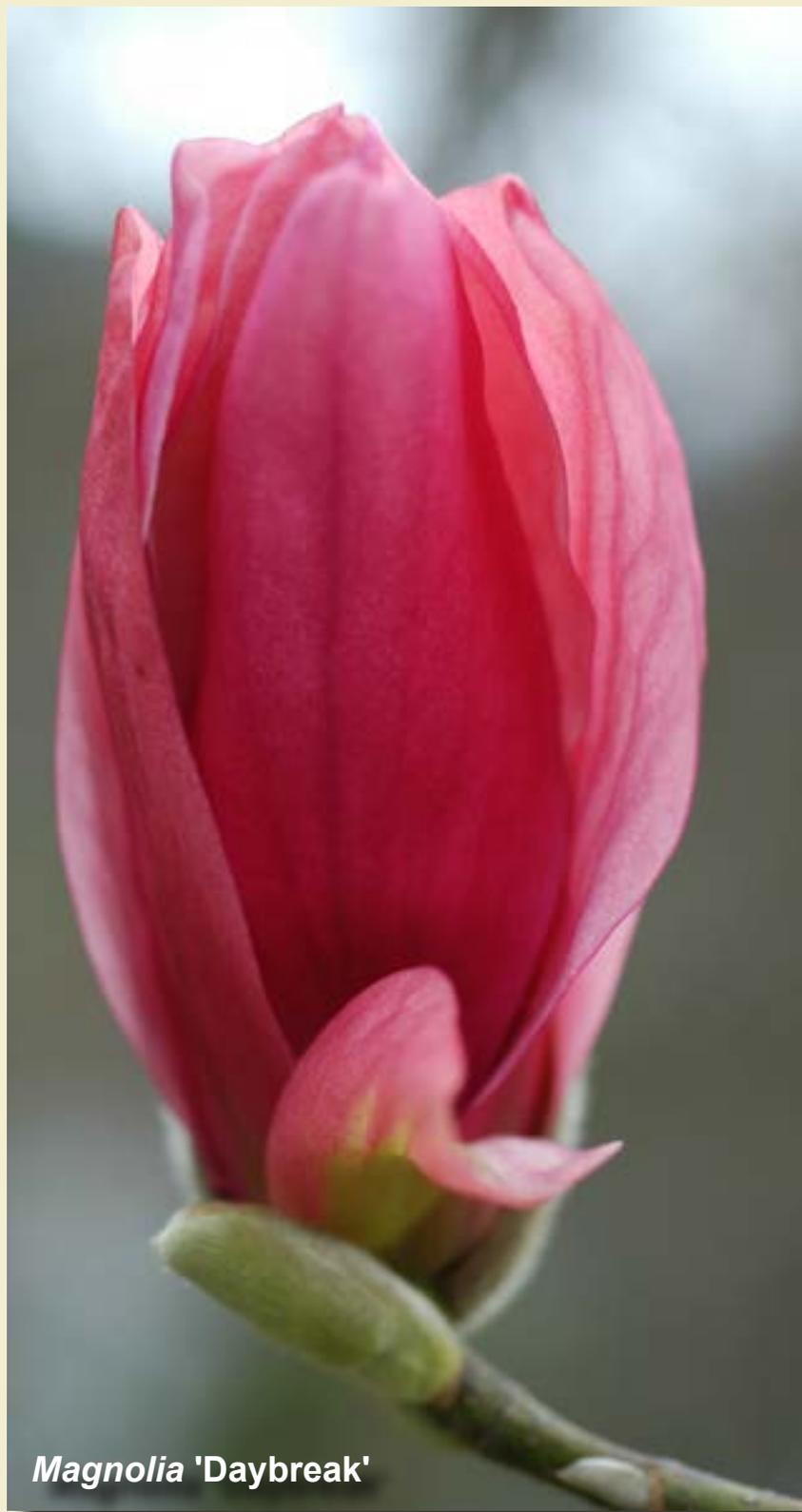
	Re-pot into	Zones 5-9
#1 1-2'	#3	\$14.15 (10)+
#1 2-3'	#5	\$16.75 (10)+
#1 3-4'	#5	\$19.35 (10)+

Prices include a \$1.80 royalty



## "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.



Magnolia 'Daybreak'

# CONNOISSEUR LINERS

Order early for best selection.

Consumers buy unusual trees and shrubs to feel better - for the experience - and especially the anticipation of that experience. They look for something new to capture their imagination.

So here are some choice varieties or unusually rare species that merit your attention. Here's the link to our catalog:

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

Species	Size	Price
<i>Acer maximowiczianum</i>	MP	\$7.25
<i>Acer miyabei</i> ssp. <i>miataiense</i>	LP21ci	\$8.25
<i>Acer palmatum</i> 'Bihou'	#1 2-3'	\$18.00
"	#1 3-4'	\$21.00
<i>Acer palmatum</i> dwarf, pre-bonsai - no graft union	MP	\$5.65
"	2YR TY	\$10.85
<i>Acer palmatum</i> 'Purple Ghost'	#1 2-3'	\$17.70
"	#1 3-4'	\$20.70
"	3-4'	\$20.70
<i>Acer palmatum</i> 'Tsukasa Silhouette'	#1 2-3'	\$16.10
"	#1 3-4'	\$19.00
<i>Acer palmatum</i> 'Ukigumo'	2-3' WHIP	\$17.70
"	3-4' WHIP	\$20.70
<i>Acer sieboldianum</i>	MP	\$6.25
<i>Acer tegmentosum</i>	MP	\$6.25
<i>Albizia julibrissin</i> 'Summer Chocolate'	XP 1-2'	\$18.00
<i>Carpinus caroliniana</i> 'Fire Belle'	XP 2-3'	\$16.00
<i>Carpinus laxiflora</i>	1-2'	\$6.25
<i>Cercis canadensis</i> var. <i>texensis</i> 'Pink Pom Poms'	5-6'	\$23.35
<i>Dirca palustris</i>	LP21ci	\$9.50
<i>Enkianthus perulatus</i>	LP21ci	\$9.50
"	#3	\$17.50
<i>Fagus sylvatica</i> 'Rohan Obelisk'	XP 2-3'	\$14.90
<i>Ilex verticillata</i> 'Golden Verboom'	2YR TR	\$8.90
<i>Magnolia</i> 'Tinkerbelle'	#1 1-2'	\$15.35
"	#1 2-3'	\$18.10
"	#1 3-4'	\$20.90
<i>Magnolia</i> 'Wada's Memory'	#1 2-3'	\$16.10
"	#1 3-4'	\$18.90
<i>Magnolia</i> 'White Rose'	#1 1-2'	\$14.65
<i>Osmanthus heterophyllus</i> 'Goshiki'	XP	\$12.80
<i>Pseudolarix amabilis</i>	LP21ci	\$8.50
<i>Sciadopitys verticillata</i>	LP21ci	\$9.20
<i>Stewartia malacodendron</i>	LP21ci	\$17.90
<i>Stewartia monadelph</i>	LP21ci	\$8.25
<i>Styrax japonicus</i> 'Evening Light'	XP 2-3'	\$20.65
<i>Styrax japonicus</i> 'Fragrant Fountain'	XP 2-3'	\$20.65

Minimum order 10 for most items

# Did you know?

In case you've never visited us, we hope you can make the time to do that. Most are surprised by the size and scope of our endeavors, and how we relentlessly focus on innovation. We been expanding and improving our liner enterprise since 1982.

- We grow more than 400 different varieties and species of woody tree and shrub liners.
- Most are available in multiple sizes with “plug” container or bareroot transplant options. Either insures nearly perfect replant success under your care. We can custom grow the size you wish within a wide pot selection.
- Our crews are especially attentive to irrigation practices so we minimize any runoff. We generate a “light footprint” with water use, zero container runoff into the off-farm environment, and minimal winter heating with its CO<sub>2</sub> emissions.
- Our staff, from owners to most recent hires, focus on respect, honoring our differences but deliberately cultivating tight communication and verifying goals and deadlines. We have extensive procedures for almost everything and a pre-work discussion about safety. What can go wrong during this job, with this equipment or these tools? Our aim is for all staff to go home healthy and safe, gratified by what they accomplished every day in our workplace.

**For you, the result is exceptional liners, grown with pride that makes them shine. You'll see that when you open the box or back of the truck.**



*Magnolia Honey Tulip™*

**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>\$12.35 (10)+</b>
#1 2-3'	<b>#5</b>	<b>\$14.95 (10)+</b>

**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	<b>Zones 5-9</b>
#1 2-3'	<b>#5</b>	<b>\$19.10 (10)+</b>
#1 3-4'	<b>#5-7</b>	<b>\$21.90 (10)+</b>

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's upright and has fragrant yellow and pink, tulip-shaped flowers. Always popular, so order early.

	Re-pot into	<b>Zones 5-9</b>
#1 2-3'	<b>#5</b>	<b>\$16.10 (10)+</b>
#1 3-4'	<b>#5</b>	<b>\$18.90 (10)+</b>

**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	<b>Zones 3-8</b>
#1 3-4'	<b>#5</b>	<b>\$18.35 (10)+</b>

Price includes an \$0.80 royalty

Order early for best size selection.

## **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	\$13.35 (10)+
#1 2-3'	#5	\$16.10 (10)+
#1 3-4'	#5	\$18.90 (10)+

## **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 up easy to see up close.

	Re-pot into	Zones 4-9
#1 1-2'	#3	\$12.35 (10)+
#1 2-3'	#5	\$14.95 (10)+

## **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 2-3'	#5	\$14.95 (10)+
#1 3-4'	#5	\$17.55 (10)+
#1 4-5'	#7	\$20.25 (10)+

## **Magnolia denudata** **Yulan Magnolia**



Revered and cultivated by the Chinese for over a thousand years, this is the most elegant of all the white-flowered magnolias. Its simple elegance is not exceeded by new varieties, so it's no wonder that it's a parent of many exceptional hybrids. Flowers appear before the leaves, so their beauty is unobscured. Blooms abundantly, even on trees as young as 4-5 years old.

	Re-pot into	Zones 6-9
LP21ci	#2	\$6.90 (25)+



**Magnolia Black Tulip®**

## 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 3/16" caliper	#1	\$3.15 (25)+
LP21ci 1/4" caliper	#1-2	\$3.75 (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 decorative fruits.



	Re-pot into	Zones 5-8
LP21ci	#3	\$7.80 (25)+
XP	#3	\$9.60 (10)+

## Magnolia macrophylla ssp. ashei

### Ashe Magnolia

Scaled-down version of *Magnolia macrophylla* for the garden. A precocious bloomer, it sometimes buds up to yield a flower in a pot only 3 yrs. after germination. Fragrant flowers in June: what an early-evening close-up sight for tired eyes! Structurally, they're so fascinating, a delight 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.

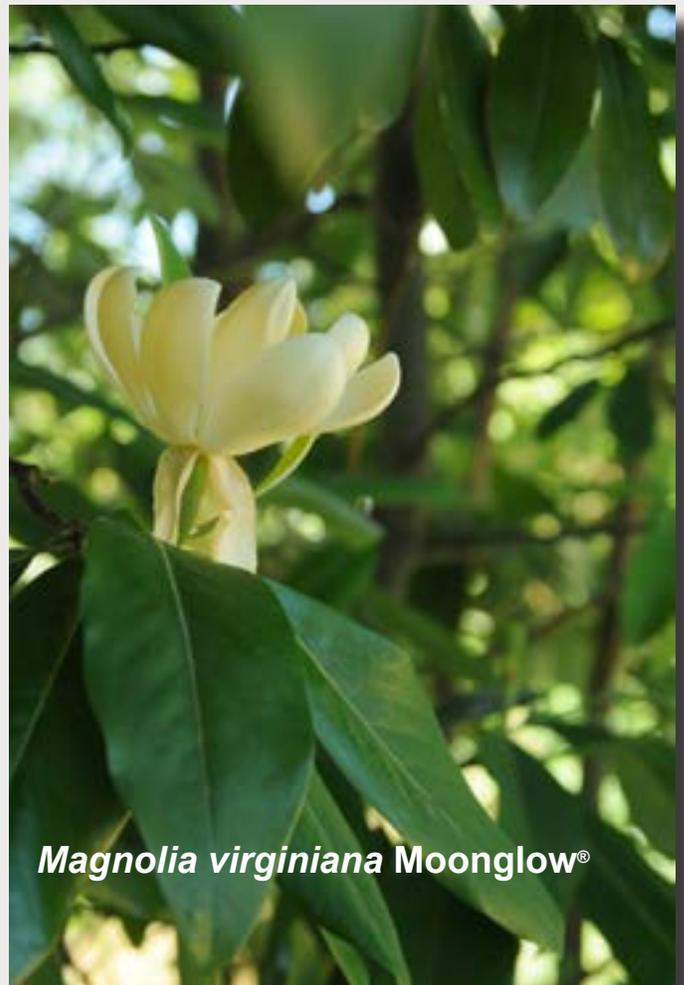
	Re-pot into	Zones 6-9
LP21ci	#3	\$7.80 (25)+
XP	#3	\$9.85 (10)+

## Magnolia tripetala

### Umbrella Magnolia

The common name derives from its foliage, arranged in whorls to form an attractive parasol-like appearance. Tree-like in size, this American native is sometimes confused with *Magnolia macrophylla* due to its large leaves, sometimes more than two ft. long. *Magnolia macrophylla* leaves are silver beneath; these are not.

	Re-pot into	Zones 5-8
LP21ci	#3	\$8.20 (25)+



*Magnolia virginiana* Moonglow®

## Magnolia virginiana

### Sweetbay Magnolia

Distinctive among magnolias for its shiny narrow leaves, dark green above and a downy white beneath. A refined small tree (best) or large multi-stemmed shrub if given a prominent place in the landscape where its wonderfully fragrant flowers can be appreciated.

	Re-pot into	Zones 5-9
LP21ci	#2	\$8.20 (25)+

## Magnolia virginiana Moonglow®

### Moonglow® Sweetbay Magnolia

The extraordinary growth rate of this cultivar coupled with its precocious blooming character make it a lucrative item. Moonglow® will grow to 5 ft. and bloom within 2-3 yrs. Selected and named by Earl Cully, this clone is surprisingly hardy to -33°F. Lemon-fragrant creamy whiteblooms over a long period in late spring.

	Re-pot into	Zones 3-9
LP40ci	#3	\$10.75 (10)+
Price includes a \$0.90 royalty		



Have you considered the advantages of Contracting and Standing orders? See pages 26 & 27.





*Mahonia xmedia 'Charity'*

## *Mahonia xmedia 'Charity'*

### Charity Mahonia

Beautiful across all seasons for its architecturally bold and symmetrical form. Bright yellow late-winter flowers. Here in the wet-winter Pacific Northwest, our 'Charity' stock block is totally free of leaf spot that infects *Mahonia bealei* so severely.

#1 Re-pot into #5 **Zones 6-9**  
\$8.25 (10)+

## *Mahonia xmedia '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**  
\$8.25 (10)+

## METASEQUOIA

### *Metasequoia glyptostroboides*

#### Dawn Redwood

This ancient tree evokes a sentiment of awe when one realizes it has endured environmental 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 deciduous conifer, hardy and adaptable.

MP Re-pot into #1-2 **Zones 5-8**  
\$1.95 (50)+

## MYRICA

### *Myrica 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 seeds during colonial times, its best present use is as an easy foundation plant, where it will tolerate compact or infertile soils. Cut back heavily every 4-5 years to rejuvenate it for best landscape effect.

MP Re-pot into #1 **Zones 3-7**  
\$1.35 (50)+

## NYSSA

### *Nyssa sylvatica*

#### Blackgum

With its brightly colored, shiny autumn leaves and wide range of adaptivity, 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.

MP LP21ci Re-pot into #2 #2 **Zones 4-9**  
\$2.45 (50)+  
\$3.45 (25)+

Size Guide pages 54-55

# Nyssa

## *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	Zones 4-9
XP 2-3'	#5	\$14.85 (10)+
#1 3-4'	#5	\$18.20 (10)+

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	Zones 4-9
XP 2-3'	#5	\$14.00 (10)+
#1 3-4'	#5	\$17.35 (10)+
3-4'	#5	\$17.35 (10)+

Prices include a \$1.00 royalty

## *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	Zones 5-9
XP 2-3'	#5	\$13.00 (10)+
#1 3-4'	#5	\$16.30 (10)+

## 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 virogorus fine mycorrhizal roots.

	Re-pot into	Zones 3-7
1-2'	#3	\$2.05 (50)+
2-3'	#5	\$2.35 (50)+



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.



*Nyssa sylvatica* 'Wildfire'



*Oxydendrum arboreum*

# 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, borne 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>
<b>SP</b>	<b>#1</b>	<b>\$1.65 (50)+</b>
<b>1 YR TR</b>	<b>#2</b>	<b>\$7.80 (10)+</b>
<b>2 YR TR</b>	<b>#3-5</b>	<b>\$10.85 (10)+</b>

# 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>LP21ci</b>	<b>#2</b>	<b>\$2.80 (25)+</b>

## *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>LP40ci</b>	<b>#5</b>	<b>\$9.85 (10)+</b>
<b>4-5'</b>	<b>#7</b>	<b>\$15.00 (10)+</b>
<b>5-6'</b>	<b>#10</b>	<b>\$16.20 (10)+</b>

## *Parrotia persica*

### Golden BellTower™ 'Chrishaven1' 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>XP 3-4'</b>	<b>#3</b>	<b>\$13.85 (10)+</b>
<b>#1 3-4'</b>	<b>#5</b>	<b>\$15.30 (10)+</b>
<b>#1 4-5'</b>	<b>#7</b>	<b>\$16.55 (10)+</b>
<b>5-6' TR</b>	<b>#10</b>	<b>\$19.35 (10)+</b>

Prices include a \$1.00 royalty

# Quercus

## 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.

MP	Re-pot into	<b>Zones 6-9</b>
	<b>#1</b>	<b>\$1.45 (50)+</b>

## 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.

1-2'	Re-pot into	<b>Zones 4-9</b>
	<b>#5</b>	<b>\$1.00 (50)+</b>

## PRUNUS

### *Prunus cerasifera* 'Krauter Vesuvius'

#### Krauter Vesuvius Plum

Coarse and brittle, its blackish purple foliage, soft pink flowers and tough constitution still create big demand for it in commercial jobs and inexpensive landscapes across America. A favorite in the arid, hot Southwest where it tolerates blistering summer heat.

MP	Re-pot into	<b>Zones 4-8</b>
	<b>#2</b>	<b>\$2.30 (50)+</b>



*Parrotia persica* seedlings

## 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.

LP21ci 6-12" 2-3' TR 3-4' TR	Re-pot into	<b>Zones 4-8</b>
	<b>#2</b>	<b>\$2.75 (25)+</b>
	<b>#5</b>	<b>\$6.75 (10)+</b>
	<b>#7</b>	<b>\$8.85 (10)+</b>

### *Quercus bicolor*

#### Swamp White Oak (MO seed source)

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. Excellent rootstock for white oak varieties.

LP21ci 3/16" LP21ci 1/4" 3-4' TR 4-5' TR	Re-pot into	<b>Zones 3-8</b>
	<b>#3</b>	<b>\$2.65 (25)+</b>
	<b>#3</b>	<b>\$3.10 (25)+</b>
	<b>#5</b>	<b>\$8.85 (10)+</b>
	<b>#5</b>	<b>\$10.35 (10)+</b>

### *Quercus cerris*

#### Turkey Oak

Interesting dark grey bark in plates; grows 40-60 ft. tall and wide. Holds leaves late, and they usually drop still holding their green color. A rugged, impressive, drought-tolerant tree.

LP21ci 1-2'	Re-pot into	<b>Zones 5-8</b>
	<b>#2</b>	<b>\$3.25 (25)+</b>

### *Quercus coccinea*

#### Scarlet Oak



Large tree, more tolerant of high pH soils than Pin Oak. In the wild it grows in upland areas. Bright red fall color, persistent leaves, and a round outline at maturity.

2-3' TR 3-4' TR	Re-pot into	<b>Zones 4-9</b>
	<b>#5</b>	<b>\$6.75 (10)+</b>
	<b>#7</b>	<b>\$8.85 (10)+</b>



## 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 yrs. 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	<b>Zones 6-9</b>
LP21ci 6-12"	#2	\$3.70 (25)+
1-2' TR	#2	\$4.70 (10)+
2-3' TR	#3	\$6.75 (10)+

## Quercus macrocarpa

### Bur Oak (North Dakota seed source)

Native across a broad range in the eastern half of the USA, this patriarch forest tree is usually best for parks or large, open landscapes. These seedlings are grown from ND seed, so they're Zone 3 hardy and somewhat smaller in ultimate stature, to 50 feet tall. Best: they tolerate high pH soils, are more drought tolerant than Eastern US seed source liners. Plus, the much smaller acorns won't dent your car or kill the cat when they fall.

	Re-pot into	<b>Zones 4-9</b>
LP21ci 1-2'	#2	\$3.40 (25)+

## 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 ellipsoidal* is a superior landscape choice, better adapted to limestone soils.

	Re-pot into	<b>Zones 5-8</b>
LP21ci 1-2'	#2	\$3.25 (25)+
4-5' TR	#7	\$10.35 (10)+
5-6' TR	#7-10	\$12.85 (10)+

## 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	\$3.40 (25)+
2-3' TR	#7	\$6.75 (10)+
3-4' TR	#7	\$8.85 (10)+

## 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	\$3.25 (25)+
4-5' TR	#7	\$10.35 (10)+
5-6' TR	#7-10	\$12.85 (10)+

## Quercus velutina Black Oak

An oak of many colors, Black Oak was named for the dark shadows on its deeply fissured bark. Its inner bark is bright yellow, and the foliage develops appealing autumn color.

	Re-pot into	<b>Zones 3-9</b>
2-3' TR	#3	\$6.75 (10)+
3-4' TR	#5	\$8.85 (10)+

## Quercus xwarei 'Birthday Candle' Birthday Candle Oak

Guy Sternberg, Starhill Forest Arboretum, introduced this fine oak hybrid in recent years. Tight branch habit, straight stems, and columnar form. Here in Oregon the persistent golden winter foliage contrasts with the typical russet of oak or beech leaves.

	Re-pot into	<b>Zones 4-8</b>
XP 2-3'	#5	\$15.15 (10)+

Price includes a \$1.80 royalty

## Quercus Forest Knight® Forest Knight® Oak

A handsome new selection from our friend of many years, Earl Cully. Forest Knight® is a great street tree due to its leafy, high canopy features. It is broad spreading (to 50 feet) but it has a strong central leader.

	Re-pot into	<b>Zones 4-8</b>
XP 2-3'	#5	\$13.90 (10)+

Price includes a \$1.00 royalty

## Quercus Heritage® 'Clemons' Heritage® Oak

Mildew resistant, shiny green leaves above, silver beneath. A recent introduction of exceptional hybrid vigor - great nursery plant. Dense, uniform pyramidal crown. This is a *Q. robur* x *macrocarpa* hybrid.

	Re-pot into	<b>Zones 4-8</b>
XP 2-3'	#5	\$14.35 (10)+

Price includes a \$1.00 royalty



## Quercus 'Westward Ho!'

### Westward Ho! Southwest Oak™

This is among the best bur-gambel oaks we have observed. It is beautiful in all regards, representing a lot of back crossing to *Quercus gambelii*, taming its stature. Deep green, lobed foliage is disease-free and turns apricot in fall.

	Re-pot into	Zones 5-8
3-4'	#3	\$17.10 (10)+
Price includes a \$1.50 royalty		

## Quercus Kindred Spirit® 'Nadler' PP17,664

### Kindred Spirit® 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®. Grafted onto vigorous *Quercus bicolor* liners with mycorrhizal roots, these have excellent survivability without significant transplant shock.

	Re-pot into	Zones 4-8
XP 2-3'	#5	\$14.85 (10)+
3-4'	#5	\$18.40 (10)+
4-5'	#7	\$20.40 (10)+
Prices include a \$1.50 royalty		

## 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	Zones 4-8
XP 2-3'	#5	\$14.35 (10)+
3-4'	#7	\$17.90 (10)+
4-5'	#7	\$19.90 (10)+
Prices include a \$1.00 royalty		

## Quercus stellata 'King Canute'

### King Canute Southwest Oak™

Growing as a giant, multi-trunked tree in western Oklahoma, King Canute is of hybrid origin, including at least *Quercus stellata*, *Quercus sinuata*, and *Quercus havardii*. It has good fall color, a red-auburn. With branches sweeping to the ground it will have a full closed canopy of shiny green leaves with shallow lobes. Should do well in the Midwest and East.

	Re-pot into	Zones 4-8
XP 2-3'	#5	\$14.75 (10)+
Price includes a \$1.50 royalty		

## Quercus Triple Crown®

### Triple Crown® Oak

Another newer selection from Earl Cully, this fast growing tree becomes large and without leaf disease problems.

	Re-pot into	Zones 4-8
XP 2-3'	#5	\$14.35 (10)+
Price includes a \$1.00 royalty		



Grafted oaks  
ready for shipment



*Stewartia pseudocamellia*

## 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.

LP21ci

Re-pot into  
#3

Zones 4-9  
\$2.80 (25)+

## 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.

LP21ci

2-3' TR

3-4' TR

4-5' TR

5-6' TR

Re-pot into  
#3-5

#5

#7

#7

#10

Zones 3-7  
\$5.35 (25)+  
\$9.95 (10)+  
\$14.60 (10)+  
\$17.80 (10)+  
\$23.75 (10)+

## 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.

MP

Re-pot into  
#2

Zones 5-9  
\$1.85 (50)+

*Styrax obassia*

### Fragrant Snowbell



Leaves with fuzzy underside, much larger than those of the far more common *Styrax 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

LP21ci

Re-pot into  
#2

Zones 5-9  
\$3.25 (25)+



*Syringa vulgaris* Tiny Dancer™

## SYRINGA

### *Syringa reticulata*

#### Japanese Tree Lilac

With its tree-like form and lack of pest and disease problems, it has a secure place as a specimen tree in the landscape. Hardy and adaptable, it is best planted in full sun. Weaker branches should be thinned occasionally to highlight the strongest branches of its handsome form.

	Re-pot into	<b>Zones 3-7</b>
LP21ci 1/8"	#1	<b>\$2.30 (25)+</b>
LP21ci 3/16"	#1	<b>\$2.50 (25)+</b>
3/16"	#1	<b>\$1.95 (25)+</b>

### *Syringa vulgaris* Tiny Dancer™ 'Elsdancer'

#### Tiny Dancer™ Common Lilac

Iconic lilacs - everybody's grandma had one, but this selection has a compact form; giving it strong modern appeal across a wide range. Memorable, pleasant fragrance. In addition to its expected cold-hardiness, Tiny Dancer™ boasts remarkable heat tolerance, growing and blooming well in the South. Even in Zone 8, violet-purple buds open into lavender flowers, joining dogwoods and azaleas as a marker of spring. Large panicles measure 4 to 5 in., the big florets making each cluster appear luxuriously full. Foliage and flowers are in perfect scale, one complementing the other. You know the feeling when everything is in balance with a plant: it exudes quality. We're inspired to bring Tiny Dancer™ to you, an updated version of an old classic for today's gardens.

	Re-pot into	<b>Zones 3-8</b>
MP	#1-2	<b>\$4.00 (50)+</b>

Price includes a \$0.75 royalty

## 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.

	Re-pot into	<b>Zones 5-10</b>
MP	#1-2	<b>\$1.65 (50)+</b>

## 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>
XP 3-4'	#7	<b>\$13.85 (10)+</b>

## 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>
MP	#1	<b>\$1.65 (50)+</b>

### *Zelkova serrata* Village Green™

#### Village Green™ Zelkova



Vase-shaped with graceful, outward-arching branches. Dark orange-red fall foliage.

	Re-pot into	<b>Zones 5-8</b>
5-6'	#7	<b>\$19.10 (10)+</b>

Price includes a \$0.50 royalty

Order early for best size selection.

# Perennials

## *Arisaema consanguineum*

### Himalayan Cobra Lily

The easiest member of a group that is becoming quite popular because of their unusual looks and cultural ease; leaves are arranged like an umbrella frame with undulating edges and long drip tips while the "flowers" look like a cobra rising to strike.

	Re-pot into	<b>Zones 6-9</b>
<b>7-9cm</b>	<b>#1</b>	<b>\$1.95 (50)+</b>
<b>9-11cm</b>	<b>#1</b>	<b>\$2.45 (50)+</b>

## *Asarum caudatum f. album*

### White-flowered Western Ginger

Forming dense evergreen mats, this super ground cover shines all year round in shade. Adaptable to some drought, it looks great if given a little summer irrigation. 4 in. tall.

<b>MP</b>	Re-pot into	<b>Zones 7-10</b>
	<b>#1</b>	<b>\$3.25 (50)+</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.

<b>MP</b>	Re-pot into	<b>Zones 7-9</b>
	<b>#1</b>	<b>\$1.40 (50)</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.

<b>MP</b>	Re-pot into	<b>Zones 7-9</b>
	<b>#1</b>	<b>\$1.35 (50)</b>

## *Begonia grandis 'Heron's Pirouette'*

### Heron's Pirouette Begonia

This summer charmer was selected for its masses of brilliant pink flowers that are presented with great aplomb for many months. Excellent as a bedding plant or great candidate for containers. It is surprisingly hardy and easy to grow. Great summer and autumn appeal.

<b>MP</b>	Re-pot into	<b>Zones 6-10</b>
	<b>#1</b>	<b>\$2.45 (50)+</b>

## *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 species 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.

<b>BULB</b>	Re-pot into	<b>Zones 7-9</b>
	<b>#1</b>	<b>\$0.75 (100)+</b>

## *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).

<b>MP</b>	Re-pot into	<b>Zones 7-10</b>
	<b>#3</b>	<b>\$2.45 (50)+</b>

## *Romneya coulteri*

### Matilija Poppy

Head-turning, stunning beauty is rare by definition. With ornamental plants it is most often the result of years of selection and breeding, followed by detailed attention, as with orchids or bonsai - a LOT of work. But in the case of *Romneya* it's your lack of attention that will consistently deliver its elegant charms. Appreciative of poor, dry soils, don't irrigate it. Large, pristine white flowers crowned with a golden tuft of stamens will reward those who can refrain from coddling this remarkable species.

<b>LP40ci</b>	Re-pot into	<b>Zones 7-9</b>
	<b>#2</b>	<b>\$3.10 (10)+</b>



# 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.



**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 pak" tray  
3 in. wide  
7.1 in. deep  
40 cu. in.



**XP**

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



**#1**

**1-2' #1 WHIP**  
1 year whips

# 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 year  
field grown



**TR**  
3 year  
transplants

# The Fine Print

## Minimum Order

- 🌿 **WHOLESALE ONLY.** Minimum \$750.
- 🌿 Please order in full bundles (shown alongside prices).

## 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 within a month of confirmation to reserve plants. If you cancel your spring order after January 15, 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 simply 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

- 🌿 To established customers with a record of timely payment, we extend terms of Net 30 days.
- 🌿 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.
- 🌿 No C.O.D. orders under any circumstances.
- 🌿 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 1st - April 15th when plants are most dormant. We do not recommend bareroot shipments past April 10. 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.
- 🌿 Boxes/packing material charged at cost.

## 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 only. Due to COVID and 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? (See page 26.) Although we no longer offer a rebate, contracting your order ahead offers benefits for those whose orders are regularly large. Call us if need discuss specifics.

## 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 that we can address your concerns.

## Visitors

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.

**NOTE:** Until COVID subsides, we accept visitors by appointment only, within Marion County Health Authority guidelines in effect at that time, and according to our own strict safety measures to protect you and our staff. Until summer of 2021, we will probably ask visitors to wear a mask and maintain personal spacing at all times while here.

If you take reasonable and prompt care of your plants after delivery and they fail to grow, it's essential you contact us in a timely manner. Please contact us within 15 days after delivery. Any discrepancies in counts or damage due to transit 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 April 10, or for Japanese malpes cold-stored beyond that date.

## 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

### Greenhouses

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

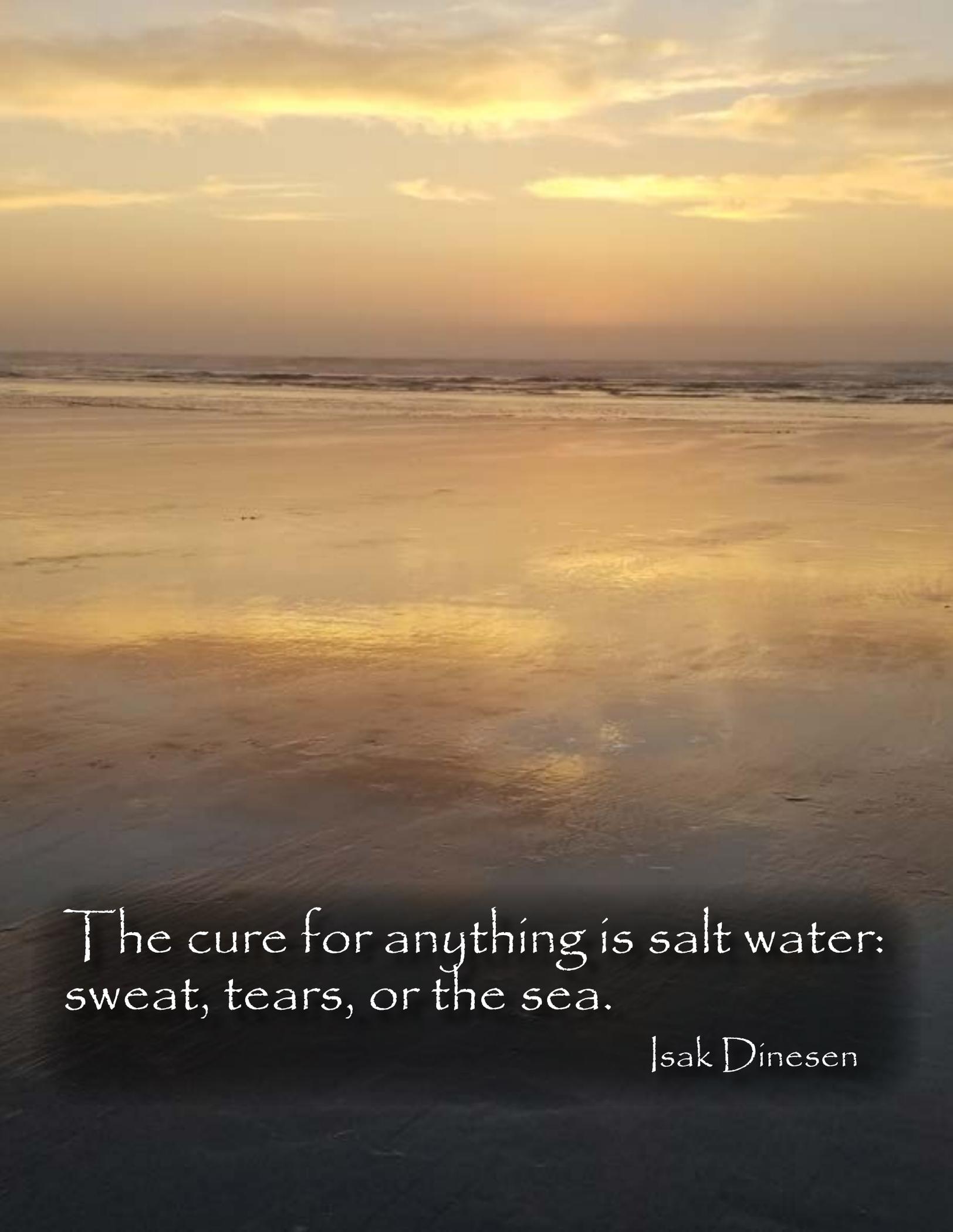
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### Shipping/Pick up

19386 North Santiam Hwy  
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The cure for anything is salt water:  
sweat, tears, or the sea.

Isak Dinesen