



HERITAGE

seedlings & liners

Unusual Deciduous Species

WHOLESALE CATALOG 2015-2016



Cornus kousa 'Wolf Eyes'





Cornus kousa 'Wolf Eyes'

For a shady spot, this easy-to-grow dogwood provides a strong dose of color without worries about mildew and anthracnose. Its diminutive size, lack of reversion to green leaves, and ability to grow well even in full sun in the field means this is a real nursery money-maker.

For the homeowner, plant it and forget it as long as there is adequate soil drainage and summer moisture. Paul Cappiello calls it “...among the best of the white-variegated forms...a true standout.”

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Unusual Deciduous Species



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Superior performance maple rootstocks – measurable long-term criteria

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HERITAGE

seedlings & liners

Unusual Deciduous Species

Summer 2015

Dear Friends,

What sets Heritage apart from other liner suppliers whom you know? What value do we offer well above the basics: fine root systems, on-time delivery, accurate counts, and helpful office staff? Like cheese on pizza, these are just givens, not extra delivered value. So what does extra value feel like in your liner supplier relationship? What's distinctive about Heritage?

Help in keeping you profitable: it's what sets us apart from imitators.

With our woody ornamental liner selection of more than 500 kinds, the best value in our catalog is that we **stir your imagination with the newest and best in many kinds of woody ornamentals**. Verify it by ordering.

We offer you not just the benefit of a wide selection. Our catalog is a kit filled with **specific ideas and plants to help you re-tool your operation**. What's that worth to you?

Clearly, we're all challenged to generate better returns per square foot, more profit per employee. As labor becomes increasingly scarce, how will you innovate and adapt?

Last year's routine is one option. Or, should you shift your focus toward items that flip faster, more profitable sizes, and premium varieties? In your profit analysis, find a way to consider the key items you grow – the 20% of plants that generate 80% of your profit. Let us in on your thinking. Ask, so we can recommend new varieties to replace older ones and help you to distinguish your operation from your competition.

Choose your suppliers carefully. Challenge us to help you during these challenging times.

Mark & Jolly

Mark, Jolly, and staff

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Air in your mix...





Growers pay close attention to water and fertilizer. And we know that **woody ornamental roots require a well-aerated growing mix - at least 20% free air space** - to get enough oxygen to promote healthy growth and prevent disease. Yet, how often do growers neglect to seasonally monitor their mix for its porosity – its free air space after irrigation?

If you need to verify the porosity of your own mix, try this easy method. Keep detailed records for various crops, start to finish:

1. Choose several potted plants from a block to test. Tape over the pot drainage holes.
2. Carefully add water to each pot until you just begin to see it at the top of the container mix.
3. Without tilting the pot, remove the tape to catch the draining water for a minute or so.
4. Accurately determine the cc or ml volume of water using a small measuring cup.
5. Using the cm scale on your tape measure, determine your pot dimensions to calculate soil mix cc volume. Formula: $\pi r^2 h$ (3.14 x average radius squared x mix height) for roughly cylindrical pots like a #1 or #3. For conical pots, the formula is the same, but divide result by 3.
6. Divide the collected cc's of water by total soil cc volume. Multiply decimal result by 100 to get your percentage of unfilled pore space in the mix. (Air replaces all the water you collect.)

Consider how important **AIR** is to your potted woody profit experience...

What's your test result? **Most woodies grow best in a potting mix of 20-30% porosity.** Root expansion and mix decomposition diminish free air space throughout the growing season, so a mix may test 27% to start, but by season's end it may decline to 12-15%. If your mix tests below 22-24% from the get-go, consider using a more coarse mix, even if you just cautiously set up a significant side-by-side contrast trial. You'll be glad you did.

-  Untrained crews may press down a mix too tightly at potting time. Stacking on a pallet after filling flats – it's a poor handling practice if your potting mix gets compressed.
-  Summer heat tends to subside after mid-late August. But unless trained otherwise, irrigation staff may complacently rely on irrigation timers instead of lifting pots and flats – using experienced judgment before cranking on the water.
-  How often do supervisors get riled up if a crew person lets a block of plants dry out too much, but if that same person over-irrigates, hardly anyone notices? In so doing, do supervisors effectively train irrigation crews to drown plants?
-  **Watering crews have your checkbook in their hands.** Over-watering containers - not allowing them to dry down during the irrigation cycle - means a mix has less time with the minimum air needed to support vigorous, healthy roots. *Phytophthora* and other root infections may develop, getting progressively worse before they're apparent.

what's the big deal?

These practices all foster inadequate soil mix porosity - conditions ripe for root disease and failure - literally at the finish line. What changes might you make in your operation if this provokes your concern? [How may we help you with more information?](#)

An excellent mix in our propagation experience is 75% coarse bark, no more than 10% coarse peat, and 15% perlite or pumice. You may wish to evaluate 90% coarse bark + 10% coarse peat. Baled bedding plant mixes, used for vegetable starts and plugs, are too expensive to use in large pots. But with thoughtful irrigation practice, as long as you incorporate slow-release fertilizer and include calcium, magnesium and micro-nutrients, even a pure bark container medium can grow healthy woody plants you'd be proud to offer.

At Heritage, we regularly evaluate our growing media for porosity, EC (soluble fertilizer level) and moisture. Simple methods - using a salt meter, lifting plug trays or pots to judge their moisture level - are easy but critical staff training elements. We closely monitor root development so we send you nothing but the most healthy, white-rooted woody liners at the end of the season.

We offer these ideas to help you **profit with our plants**, so they will grow up like healthy kids and make us all proud. It's just a tangible, specific example of how Heritage is distinctively different. **We aren't just your supplier; we're your growing partner.**

Consider our fine customers Abby and Micah & their crew - how they used our simple container mix test to guide their decision to upgrade their whole growing operation.

"I was stuck using a "nursery mix" blend that was mostly bark but it also had 20% peat and also sand mixed in. I used that mix way too long and lost way too much money. Mark, I did your porosity test which really opened my eyes. That mix started out half way decent at the time of potting but became a water logged mess after a couple months. Now we are using just pine bark with some perlite and it is working great. Our maples and conifers now show white roots in the pot all season long, and we get much better graft takes. So I really appreciate your help getting me away from the wrong mix."

Heritage, thanks so much. You guys helped us grow not just our plants, but also our business!"



Micah Norcom



Abby & Micah Norcom; Rachel, Chris & Jenny
Maplestone Ornamentals, Alliance, OH
<http://www.maplestoneornamentals.com>



***Acer campestre* 'Carnival'**

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.

MP	Re-pot into #1	Zones 5-9 \$0.90 (50)+
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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.

3/16'	Re-pot into #1	Zones 4-8 \$1.00 (50)+
1/4"	#2	\$1.30 (50)+

Acer campestre 'Carnival' Carnival Hedge Maple

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

3-4' LT BRCH	Re-pot into #3	Zones 4-8 \$23.15 (10)+
4-5' LT BRCH	#5	\$25.60 (10)+

Acer circinatum Vine Maple



A 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.

6-12"	Re-pot into #1	Zones 5-9 \$0.65 (50)+
1-2'	#1	\$0.75 (50)+

Acer circinatum Three Cheers™ 'HS12' Three Cheers™ Upright Vine Maple

A Heritage Seedlings selection, much more upright and tree-like. The dark green foliage is of normal size and shape, but 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, abandon that tactic to save labor. Upgrade your Vine Maple list to offer this new native selection and show your customers the benefit of predictable form in a residential landscape. It offers the prospect of uniformity and lower maintenance in a commercial job.

3-4'	Re-pot into #5	Zones 5-9 \$17.30 (10)+
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Acer davidii David's Maple

Named for the French priest/botanist Armand David, who discovered it in central China, this is among the best known of the striped-bark maples.

MP	Re-pot into #1	Zones 5-9 \$0.90 (50)+
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Use sand in your container mix?

- Sand is completely inert, and may include dirt and weed seeds.
- Ever notice how adding it at under 15% to a mix doesn't increase mix volume? It fills the air space in a pot that is so essential to healthy root growth.
- Even at low percentages, sand reduces both air and moisture-holding capacity of an artificial mix.
- Sand is for concrete mix and the kids' sand pile, not your professional nursery mix.

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. Still not common in the trade; easily grown on to larger size despite its propagation difficulty.

	Re-pot into	Zones 5-8
LP 1-2'	#3	\$4.35 (20)+
LP 2-3'	#3	\$5.60 (20)+

Acer miyabei Miyabei Maple

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

	Re-pot into	Zones 4-7
1-2'	#1	\$4.75 (50)+
2-3'	#2	\$5.25 (50)+

Acer miyabei State Street® 'Morton' State Street® Miyabe Maple

This is an outstanding maple notable for its durability, adaptability, and multi-season interest. This beautiful maple matures to 40-50 ft. tall and 30-35 ft. wide. It is a uniformly branched tree, more dense than most maples, making it an excellent shade tree. Exceptional tolerance to urban pollution, heat, cold, acidic or alkaline soil, and once established, is fairly drought tolerant.

	Re-pot into	Zones 4-8
4-5' RC	#5	\$12.70 (10)+
5-6' RC	#5	\$14.50 (10)+

Price includes a \$0.60 royalty

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. With their refined character, unlike grafted varieties, healthy specimen trees of seedlings 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.

	Re-pot into	Zones 5-9
SP 1/8"	AP, #1	\$0.65 (100)
MP 1/8"	AP, #1	\$0.70 (100)
MP 3/16"	AP, #1	\$0.80 (100)
MP 1/4" **	AP, #1	\$0.95 (100)
MP DWARF *	#1	\$2.65 (50)

* Seedlings selected for short internodes, a pre-bonsai item

** New, 20% lower price!



Acer griseum



Acer palmatum 'Chishio Improved'

***Acer palmatum* 'Ara kawa'**
Roughbark Japanese Maple

A green-leaf, upright cultivar sought for dark corky bark on its trunk and older branches. Foliage turns red and orange-red in the fall. It grows with dense branches to 25-35 ft. It can be also be used as an attractive inter-stem, grafted it onto the rootstock and then grafting a second time onto it with a weeping variety on top.

	Re-pot into	Zones 5-9
#1 3-4' WHIP	#5	\$11.85 (10)+
#1 4-5' LT BRCH	#5	\$13.65 (10)+

***Acer palmatum* 'Bihou'**
Bihou Japanese Maple

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

	Re-pot into	Zones 5-9
#1 2-3' WHIP	#3	\$11.05 (10)+
#1 3-4' WHIP	#5	\$13.00 (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 re-growth.

	Re-pot into	Zones 5-9
#1 2-3' WHIP	#3	\$10.35 (10)+
#1 3-4' WHIP	#5	\$11.85 (10)+
#1 2-3' LT BRCH	#5	\$11.05 (10)+
#1 3-4' LT BRCH	#5	\$12.50 (10)+
2-3' WHIP	#3	\$10.35 (10)+
3-4' WHIP	#5	\$11.80 (10)+
3-4' BRCH	#10	\$14.60 (10)+

***Acer palmatum* 'Chishio Improved'**
Chishio Improved Japanese Maple

Its prolific branching character promotes a rounded growth habit. Early spring leaf color is a surprising mix of bronze and pink. A small tree with dark, bluish-green summer foliage and orange-red fall color.

	Re-pot into	Zones 5-9
#1 2-3' LT BRCH	#3	\$11.90 (10)+
#1 3-4' LT BRCH	#5	\$13.50 (10)+

***Acer palmatum* 'Dissectum'('Viridis')**
Green Laceleaf Japanese Maple



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

	Re-pot into	Zones 5-9
2-3' WHIP	#3	\$10.35 (10)+
3-4' WHIP	#5	\$11.90 (10)+

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



A fine newer 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. Hardy - leaves emerging 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	#3	\$8.65 (10)+
#1 3-4' WHIP	#5	\$10.35 (10)+
#1 3-4' LT BRCH	#5	\$11.90 (10)+
2-3' WHIP	#5	\$8.65 (10)+
3-4' WHIP	#5	\$10.35 (10)+

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

One of the less familiar cultivars, 'Fireglow' is red-leaved 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
2-3' WHIP	#3	\$8.65 (10)+
3-4' WHIP	#5	\$10.35 (10)+

***Acer palmatum* 'Hubbs Red Willow'**

Hubbs Red Willow Japanese Maple

A red strap-leaf type with long lobes - elegant and distinctively different. We like it better than other linearlobum varieties. Named after Elwood Hubbs of Riverton, NJ.

3-4' WHIP	Re-pot into #3	Zones 5-9 \$10.35 (10)+
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***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	#3	\$8.65 (10)+
#1 3-4' WHIP	#5	\$10.35 (10)+
#1 2-3' LT BRCH	#5	\$10.05 (10)+
#1 3-4' LT BRCH	#5	\$11.90 (10)+
2-3' WHIP	#3	\$8.65 (10)+
3-4' WHIP	#5	\$10.35 (10)+
3-4' LT BRCH	#5	\$11.90 (10)+

***Acer palmatum* 'Japanese Sunrise'**

Japanese Sunrise Maple

This Coral Bark maple has a dynamic personality as it seems to vary its color more than older selections. In the winter the new stems are coral-red to orange and even yellow depending on sun exposure and vigor. It is fairly vigorous, reaching nearly 20 ft. at maturity.

	Re-pot into	Zones 5-9
#1 2-3' WHIP	#3	\$15.00 (10)+
#1 3-4' WHIP	#5	\$17.30 (10)+



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

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

Mikawa yatsubusa Japanese Maple

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

#1 1-2' WHIP	Re-pot into #3	Zones 5-9 \$17.85 (10)+
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***Acer palmatum* 'Moonfire'**

Moonfire Japanese Maple

Very dark red-black bark and opalescent leaves give this maple a dramatic appearance as the branches curve and twist upward. Its upright growth reaches 15 ft. at maturity.

	Re-pot into	Zones 5-9
2-3' WHIP	#3	\$17.35 (10)+
3-4' WHIP	#5	\$19.95 (10)+

***Acer palmatum* 'Orangeola'**

Orangeola 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	#3	\$10.35 (10)+
#1 3-4' WHIP	#5	\$11.90 (10)+
#1 3-4' LT BRCH	#5	\$13.50 (10)+

***Acer palmatum* 'Purple Ghost'**

Purple Ghost Japanese Maple

Introduction from Talon Buchholz; it has attractive red purple leaves with black veins in spring. The colors are intense and the new leaves almost glow before they age to red in summer and then intense red and orange in autumn.

	Re-pot into	Zones 5-9
#1 2-3' WHIP	#3	\$15.00 (10)+
#1 3-4' WHIP	#5	\$17.30 (10)+

***Acer palmatum* 'Red Dragon'**

Red Dragon Japanese Maple

Unlike most "red" selections that are in fact purple this is 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
2-3' WHIP	#3	\$8.65 (10)+
3-4' WHIP	#5	\$10.35 (10)+

Size Guide pages 62-63



Acer palmatum
'Twombly's Red Sentinel'

***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. Since it is so popular, grow it for its youthful appeal, but offer your clients a few improved versions of this long-time classic.

	Re-pot into	Zones 5-9
#1 2-3' WHIP	#3	\$11.05 (10)+
#1 3-4' WHIP	#5	\$13.00 (10)+
#1 3-4' LT BRCH	#5	\$14.65 (10)+
#1 4-5' LT BRCH	#7	\$16.65 (10)+

***Acer palmatum* 'Shaina'**
Shaina Japanese Maple



From a witch's broom on variety *atropurpureum*, this diminutive red palmate-leaf variety changes to maroon as the season progresses. Fall color is bright crimson. It grows quickly at first, making it a profitable plant to grow. Does best in a container.

	Re-pot into	Zones 5-9
#1 2-3' WHIP	#3	\$10.35 (10)+
#1 3-4' WHIP	#5	\$11.90 (10)+
#1 3-4' LT BRCH	#5	\$13.50 (10)+

***Acer palmatum* 'Shishigashira'**



Lion's Head Japanese Maple (female form)

The name means "Lions Head" in Japanese. Slow growing, but not a dwarf; 18-30 ft. at maturity. Branches firm, stout, congested with leaves and twigs. Leaves crinkled, stiff, green; reddish to yellow, to golden brown in fall.

	Re-pot into	Zones 5-9
#1 2-3' LT BRCH	#5	\$21.55 (10)+

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



Tamuke yama Japanese Maple

Although not as lacy or fast growing as some clones, 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 3-4' WHIP	#5	\$10.35 (10)+
#1 3-4' LT BRCH	#5	\$11.90 (10)+
3-4' WHIP	#5	\$10.35 (10)+
3-4' BRCH	#7	\$12.80 (10)+

***Acer palmatum* 'Tsukasa Silhouette'**

Tsukasa Silhouette Japanese Maple

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

	Re-pot into	Zones 5-9
#1 2-3' WHIP	#3	\$11.05 (10)+
#1 3-4' WHIP	#5	\$13.00 (10)+
#1 3-4' LT BRCH	#5	\$14.65 (10)+

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

Twombly's Red Sentinel Maple

This Ken Twombly introduction has a 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	Zones 5-9
#1 2-3' WHIP	#3	\$15.00 (10)+
#1 3-4' WHIP	#5	\$17.40 (10)+
3-4' WHIP	#5	\$17.30 (10)+

***Acer palmatum* 'Ukigumo'**



Floating Cloud Japanese Maple

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

	Re-pot into	Zones 5-9
#1 3-4' WHIP	#5	\$13.00 (10)+
#1 3-4' LT BRCH	#5	\$14.65 (10)+

Acer palm. 'Verkade's Jacus Potus'
Verkade's Japanese Maple

With so many Japanese maple varieties out there, anything new must be absolutely different in order to catch our attention. David Verkade spotted this fine new one with truly unusual foliage - trifoliate, crinkled edges and red emergent leaves. Freely branching, we believe it will be a moderate-sized shrubby tree.

	Re-pot into	Zones 5-9
#1 2-3' WHIP	#3	\$15.00 (10)+

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 GC in a #1 or #2 pot.

	Re-pot into	Zones 5-9
LP 1-2'	#2	\$2.50 (50)+
LP 2-3'	#3	\$2.85 (50)+
1-2'	#1	\$1.15 (100)+
2-3'	#2	\$1.55 (100)+
2-3' TR	#3	\$3.05 (20)+
3-4' TR	#5	\$4.10 (20)+



Acer pseudoplatanus 'Esk Sunset'

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 a large shrub to top out at 40 ft., depending on conditions.

	Re-pot into	Zones 3-7
MP	#1	\$1.65 (50)+

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 species. We've successfully grafted everything from *Acer pentaphyllum* to *Acer griseum* onto it with no sign of long term incompatibility.

	Re-pot into	Zones 5-8
1/4"	#3	\$1.35 (50)+
3/8"	#5	\$1.60 (50)+

Acer pseudoplatanus 'Esk Sunset'
Esk Sunset Sycamore Maple

"Variegated" doesn't begin to describe this extraordinary cultivar of a species that generally lacks ornamental merit. In addition to the leaves being purple beneath, they'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'. Make sure of it, OK? You'll be back for more.

	Re-pot into	Zones 4-8
#1 1-2'	#3	\$15.75 (10)+

Acer pseudosieboldianum
Korean Maple

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

	Re-pot into	Zones 3-8
1-2'	#1	\$1.95 (50)+

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	Zones 3-8
3/16"	#1	\$0.95 (50)+
1/4"	#1	\$1.15 (50)+

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	Zones 4-9
#1 2-3' WHIP	#5	\$16.00 (10)+
#1 3-4' WHIP	#5	\$18.40 (10)+
#1 3-4' LT BRCH	#7	\$21.05 (10)+
3-4' WHIP	#7	\$18.30 (10)+

Price includes a \$1.00 royalty



Acer tegmentosum
Manchu Striped maple

Along with its North American cousin, *A. pensylvanicum*, it is the hardiest of the striped bark maples. This Asian species remains small and lightly branched, with large leaves.

MP	Re-pot into	Zones 4-7
	#1	\$1.65 (50)+



Acer tegmentosum



Acer shirasawanum Moonrise™

Acer tegmentosum 'Joe Witt'
Joe Witt Manchu Striped Maple



This variety has a significant advantage over seedlings due to its prominent white stripes on green bark, so prominent that the trunk appears mostly white. Twigs and young branches are covered with a waxy white bloom - as on a grape skin. In winter the tree evokes a chalk drawing look in the landscape. Exceptionally hardy.

	Re-pot into	Zones 4-8
XP 3-4'	#5	\$10.00 (10)+

Acer triflorum
Three-flower Maple



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

	Re-pot into	Zones 4-8
1-2'	#1	\$4.50 (50)+
3-4' TR	#5	\$9.40 (20)+

Acer truncatum
Shantung Maple

Resistant to drought and polluted air, this maple is gaining recognition as a promising ornamental. Its growth rate is relatively fast but it doesn't become as large as Norway maple. 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.

MP	Re-pot into	Zones 5-8
	#1	\$1.00 (50)+

Acer 'Red Dawn'

Red Dawn Maple

Though some list this as a selection of *Acer shirasawanum*, we feel confident it's a hybrid. The foliage color is fantastic. Red, wine, and a little silver from the hair on the leaf all combine to make it stand out in its distinctive appeal. It seems pleasingly upright, a truly great new nursery and garden plant.

	Re-pot into	Zones 5-9
#1 3-4' LT BRCH	#1	\$22.95 (10)+

AESCULUS

Aesculus glabra

Ohio Buckeye

Medium-to-large tree of rounded shape. Attractive foliage is sometimes affected by disease; fall color is variable, from yellow to orange mixed with red. The selection 'Autumn Splendor' offers major advantages by comparison: consistency of fall color, disease resistance, and smaller stature.

	Re-pot into	Zones 4-8
LP	#3	\$2.50 (50)+
6-12"	#1	\$1.35 (50)+
1-2'	#3	\$1.70 (50)+
2-3'	#3	\$2.20 (50)+

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	Zones 3-8
3/16"	#2	\$0.95 (50)+
1/4"	#2	\$1.15 (50)+
3/8"	#3	\$1.30 (50)+

Aesculus parviflora

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	Zones 4-8
1-2'	#3	\$7.70 (20)+
2-3'	#5	\$9.40 (20)+
2-3' TR Heavy	#7	\$10.50 (20)+



Aesculus parviflora



Great Plant Picks is an educational program that identifies outstanding plants for the maritime Pacific Northwest. To date, over 800 exceptional plants have been selected for gardeners living west of the Cascade Mountain range from Eugene, OR to Vancouver, BC.

Aesculus parviflora* var. *serotina
Late Flowering Bottlebrush Buckeye

This variety blooms two to three weeks later and the flower spikes are longer (20-30 in.) than is typical of the more common taxon, *Aesculus parviflora*. So put this plant where it has freedom to grow and its golden fall foliage can be appreciated.

	Re-pot into	Zones 5-8
1-2'	#2	\$7.70 (50)+
2-3'	#3	\$9.40 (50)+

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.

	Re-pot into	Zones 5-8
1-2'	#3	\$2.00 (50)+
2-3'	#3	\$2.55 (50)+
2-3' TR	#5	\$3.10 (20)+

***Aesculus pavia* (Biltmore strain)**
Red Buckeye

Selected at the Biltmore Estate in NC, and although not endorsed by them, has an elegant form and brilliant red flowers.

	Re-pot into	Zones 5-8
2-3'	#5	\$14.75 (10)+

***Aesculus* 'Autumn Splendor'**
Autumn Splendor Buckeye

Originally a seedling from open-pollinated trees at the Morton Arboretum, this selection is usually listed as a hybrid, but it may be a form of *Aesculus glabra*. It has clean foliage and fine red fall color. The flowers are yellow with a reddish blotch. It is a hardy, medium sized tree.

	Re-pot into	Zones 4-8
1-2'	#5	\$12.40 (10)+

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

A hybrid of *A. hippocastanum* and *A. 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.

	Re-pot into	Zones 4-8
2-3'	#7	\$14.75 (10)+

***Aesculus xcarnea* 'Fort McNair'**
Fort McNair Red Horsechestnut

Tree-like, 30-40 ft. tall; rounded pink flower spikes with yellow throats in spring. Performs best in cooler climates.

	Re-pot into	Zones 4-8
2-3'	#7	\$14.75 (10)+

ALBIZIA

***Albizia julibrissin* Merlot Majik™ 'Nurcar10' PPAF**
Merlot Majik™ Silk Tree

Wow! With summer's heat and light intensity, the foliage of Merlot Majik™ gets happier and becomes even darker. In the South it holds its deep merlot leaf color better than Summer Chocolate. Familiar pink flowers and form. Order early to reserve your liners.

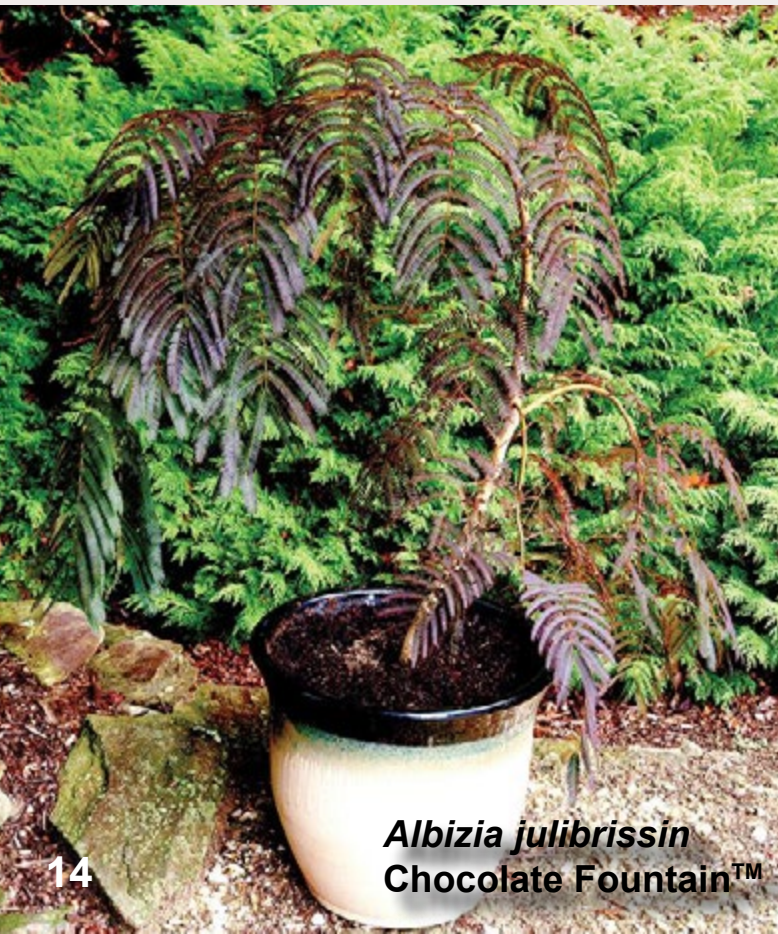
	Re-pot into	Zones 6-10
#1 1-2'	#3-5	\$16.30 (10)+
Price includes a \$1.50 royalty		

***Albizia julibrissin* 'NCAJ1' Chocolate**
Fountain™ PPAF

Chocolate Fountain™ Silk Tree

This is the only purple-foliage weeping Silk Tree on the market. It is a small tree, well adapted to smaller spaces or containers. The fern-like, deep purple foliage combined with the pendulous, weeping habit makes this a very special, unique plant. An added bonus - the delicate pink summer flowers.

	Re-pot into	Zones 6-10
#1 1-2'	#5	\$16.80 (10)+
Price includes a \$2.00 royalty		



Albizia julibrissin
Chocolate Fountain™

Size Guide pages 62-63

Albizia julibrissin 'Summer Chocolate' Summer Chocolate Silk Tree

With its striking burgundy foliage, this much sought-after small tree always turns heads. The leaves emerge green in spring, but quickly become reddish-purple in the sun. Growing quickly to 20 ft., it is even more wide spreading than the species.

Flowers retain the light pink color of the species, and contrast nicely with the dark red foliage. 'Summer Chocolate' fills a niche for a purple-leaved plant that will not succumb to intense summer heat and humidity in the South, yet also tolerates the high pH soils, low humidity, and intense sunlight of Southern California.

	Re-pot into	Zones 6-10
#1 2-3'	#5	\$13.90 (10)+
#1 3-4'	#7	\$16.35 (10)+

ALNUS

Alnus maritima 'September Sun' PP18,101 September Sun Seaside Alder

A new release from Oklahoma; so up front, that effectively verifies its tough constitution. It has the darkest green glossy leaves of any alder native to North America. It is adapted to high pH soils and waterlogged conditions, and in autumn it displays a medley of yellow, orange, and rich brown-colored leaves. Grown as a large shrub or small tree, it will become only 18 ft. tall and grows with multiple stems. It is very symmetrical and well branched, with a dense, twiggy canopy. It blooms late in the growing season with golden pendulous catkins that contrast beautifully against the dark green leaves and provide a splash of color at a time of year when few other woody species are in bloom. Its woody, cone-like fruits are produced each year and persist on the tree through winter, providing a unique ornamental feature after leaves have fallen.

	Re-pot into	Zones 3-7
MP	#1	\$2.95 (50)+

Price includes a \$0.85 royalty

AMELANCHIER

Amelanchier xgrandiflora 'Autumn Brilliance'[®]

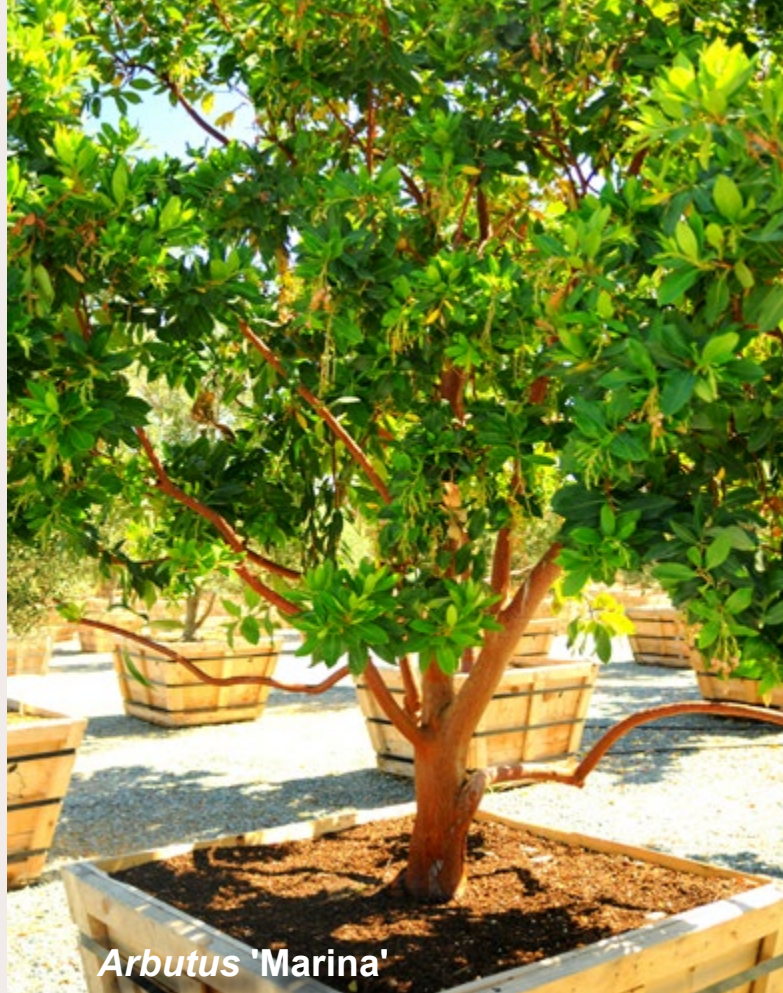
Autumn Brilliance[®] Serviceberry

Excellent trade name recognition because it is clearly a superior clone across a wide variety of Midwest and Eastern 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.

	Re-pot into	Zones 3-7
MP	#3	\$3.20 (50)+

Price includes a \$0.90 royalty

The Gold Medal Plant Award of the Pennsylvania Horticultural Society recognizes trees, shrubs and woody vines of outstanding merit for their superb eye-appeal, performance, and hardiness in Zones 5-7.



Arbutus 'Marina'

ARAUCARIA

Araucaria araucana Monkey Puzzle



Certainly enigmatic in its armament-like leaves, but doubtful that any monkey could find comfort in its branches! Despite its startling close-up character, young trees present a geometric symmetry in their growth and are dark green in color. Listed among endangered species in Chile by international agreement, yet not uncommon in the Andes at higher elevations. Seeds are prized as a diet staple by indigenous people in Chile and Argentina.

	Re-pot into	Zones 7-9
LP	#2-3	\$6.95 (20)+

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 rootrot. But this is a robust hybrid, a truly exceptional nursery plant. Drought tolerant, easily grown and 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 PNW.

	Re-pot into	Zones 8-10
LP	#5	\$6.85 (20)+

Pawpaws have the largest edible fruit of any native North American tree. Many in the Eastern US have a childhood memory of Pawpaw if they grew up in a small town or near the woods. Yet, Pawpaw remains an enigmatic American fruit. So whether you wish to bump our liners up for resale or plant out your own mini-orchard to gather fruit, seedlings or grafted primo varieties can be yours among the selections below. Be sure to order early.

* For children of all ages, order frozen pawpaw puree <http://www.earthy.com/Pawpaws-C249.aspx> Break out the ice cream maker to whip up the most luscious, savory dessert they ever tasted. <http://honest-food.net/2014/11/06/paw-paw-ice-cream/> For serious adults, kick the recipe up a notch with some moonshine crank up Pink Floyd's *Dark Side of The Moon*, and all their troubles will melt away. Sure enough, a Pawpaw ice cream tasting party with friends belongs on your bucket list.

- <http://www.petersonpawpaws.com/Links.php>
- <http://www.leereich.com/>
- <http://www.npr.org/sections/thesalt/2011/09/29/140894570/the-pawpaw-foraging-for-americas-forgotten-fruit>

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 food plant for native Zebra Swallowtail butterfly larvae in the East. Nodding purple flowers are unlike those of any other American tree - curious with their three-lobes, pollinated by flies. The perishable fruits have a memorably delicious taste, are nutritious, and resemble the tropical mango. Bold leaves turn a pleasing yellow in autumn. Our seedlings are greenhouse-grown in root-pruning containers for excellent transplant success.

	Re-pot into	Zones 5-8
LP 3/16"	#5	\$3.75 (20)+
LP 1/4"	#5	\$4.25 (20)+
LP 3/8"	#5	\$4.85 (20)+
3/16"	#3	\$2.75 (50)+
1/4"	#3	\$3.15 (50)+

Asimina triloba Rappahannock®

Rappahannock® Pawpaw 'Aidfievate' PP14,453

Very symmetrical fruits, compared to other pawpaws. The flavor is unique, light, and refreshing with little after-taste. Texture is firmer than most, but not firmer than Susquehanna™. Mid-season ripening.

	Re-pot into	Zones 5-9
LP 1-2'	#5	\$19.50 (10)+
LP 2-3'	#5	\$21.50 (10)+

Price includes a \$1.00 royalty

Asimina triloba Shenandoah™

Shenandoah™ Pawpaw 'Wansewan' PP14,452

A favorite among those who have tasted different varieties of pawpaw fruit. The skin color is pale green with a waxy bloom. The flavor is mild and sweet; the texture of custard. Early season ripening, but harvest stretches into late season.

	Re-pot into	Zones 5-9
LP 1-2'	#5	\$19.50 (10)+
LP 2-3'	#5	\$21.50 (10)+

Price includes a \$1.00 royalty

Asimina triloba Susquehanna™

Susquehanna™ Pawpaw 'Levifiv' PP15,900

Large fruits weighing up to a pound. Color is greenish yellow speckled with fine black dots. The fewest seeds of any variety. Very sweet, savory flavor. Firm, smooth fruit with the consistency of Hass avocado. Late season ripening. Excellent blended with ice cream for an "Indian Summer" milk shake.

	Re-pot into	Zones 5-9
LP 1-2'	#5	\$19.50 (10)+
LP 2-3'	#5	\$21.50 (10)+

Price includes a \$1.00 royalty

BETULA

Betula nigra Dura-Heat® ^{'BNMTF'}

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 Earl Cully's 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
SP	#3	\$1.35 (50)+
2-3' TR	#7	\$4.25 (20)+
Price includes a \$0.25 (SP) or \$0.75 (TR) royalty		

Betula nigra Heritage® ^{'Cully'}

Heritage® River Birch

Selected by Earl Cully almost 20 yrs. ago for its outstanding peeling bark, extreme hardiness, resistance to borers, and ability to grow in waterlogged or dry soils. 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 for 2002 by the Society of Municipal Arborists.



	Re-pot into	Zones 3-9
SP	#3	\$1.35 (50)+
2-3' TR	#7	\$4.25 (20)+
Price includes a \$0.25 (SP) or \$0.75 (TR) royalty		

Betula papyrifera 'Varen' Prairie Dream®

Prairie Dream® Paper Birch

Exceptional snow-white exfoliating bark, lustrous dark green foliage and excellent golden-yellow autumn color. Well-adapted to the rigors of northern and Midwest US climates, it has verified resistance to bronze birch borer in over 40 yrs. of evaluation. Prairie Dream® is excellent grown singly or multi-trunked.

	Re-pot into	Zones 3-8
3-4' TR	#3	\$10.50 (10)+
4-5' TR	#7	\$12.10 (10)+
Price includes a \$1.05 royalty		

CALLICARPA

Callicarpa Plump & Plentiful™

Purple Giant '05-132'

Plump & Plentiful™ Beautyberry

You have to trust us when we say the fruit of this beauty berry is more plentiful than any other on record. We would have counted them, but it would have taken too long! Clusters of purple berries cover the branches in fall, offering several options for use. Cut the stems to make exciting flower arrangements, or simply enjoy them in your garden as the days become shorter and the nights begin to cool down.

	Re-pot into	Zones 5-9
XP	#3-5	\$5.00 (10)+
Price includes a \$0.65 royalty		



Calycanthus
'Hartlage Wine'

CALYCANTHUS

Calycanthus floridus

Carolina Allspice

Easily grown in many soil types, this medium (6-9 ft.) shrub has interesting maroon flowers that are heavily fruit-scented, appearing mostly in May. Some repeat bloom throughout the summer. Glossy leaves are aromatic. Best used in a group planting, it makes a great border plant. Seeds are formed within interesting urn-like capsules.

	Re-pot into	Zones 5-9
1-2'	#1-2	\$1.00 (50)+
2-3'	#3	\$1.30 (50)+

Calycanthus 'Hartlage Wine'

Hartlage Wine Allspice

Our favorite, with large maroon-red flowers over a prolonged period in spring and early summer. A large shrub that might be shaped to a small, tree-like form - e.g., *Hibiscus*. In areas prone to late frost it is best to give it overhead protection.

	Re-pot into	Zones 6-9
MP	#1	\$4.50 (50)+
XP	#5	\$7.85 (10)+

Check out our Buried Treasures pages 64-66.

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 5-8
3/16"	#1	\$0.90 (50)+
1/4"	#1	\$1.25 (50)+
2-3' TR * HEDGE	#5	\$5.05 (20)+
3-4' TR * HEDGE	#7	\$6.15 (20)+

* Low branched for hedges

Carpinus betulus 'Columnaris Nana'

Dwarf Columnar European Hornbeam

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

	Re-pot into	Zones 5-8
1-2'	#5	\$12.50 (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 in outline. It has a wide, round base and typically lacks a central leader so it usually becomes a "pregnant teenager".

	Re-pot into	Zones 5-8
3-4'	#7	\$12.15 (10)+
4-5'	#7	\$14.05 (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 back in the Midwest, with a strongly upright form as a young tree. One of the first specimen trees set out by the late Buddy Hubbuch at Bernheim Forest is distinctly pyramidal in winter branch structure. Clonal propagation assures its predictable landscape uniformity, and Lanny tells us it survived -35°F in the harsh winter of 1983. This is a really tough, handsome tree for any landscape in Zones 3-8 and for potentially harsh landscape conditions in the Midwest.

	Re-pot into	Zones 3-8
3-4'	#5	\$15.05 (10)+
4-5'	#7	\$17.40 (10)+



Carpinus betulus hedge

Carpinus caroliniana Firespire™ J.N. Upright'

Firespire™ Musclemwood

Upright cultivar (to 20 ft. tall x 10 ft. wide) with outstanding orange-red fall color. Useful landscape screen tree because of its slender form, hardiness, ease of transplanting, and adaptable sun and shade tolerance.

	Re-pot into	Zones 3-8
2-3'	#7	\$17.55 (10)+
3-4'	#5	\$19.75 (10)+

Price includes a \$1.00 royalty

Carpinus caroliniana

American Hornbeam, Musclemwood



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

	Re-pot into	Zones 4-9
6-12"	#1	\$0.85 (50)+
1-2'	#1-2	\$1.00 (50)+

Please tell us if you cannot accept any size substitutions.

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	Zones 5-8
1-2'	#1-2	\$2.00 (50)+

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 deserves 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	Zones 5-8
6-12"	#1	\$1.35 (50)+
1-2'	#1	\$1.70 (50)+

CERCIDIPHYLLUM
Cercidiphyllum japonicum
Katsuratree



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

	Re-pot into	Zones 5-8
MP	#1-2	\$1.20 (50)+

Cercidiphyllum japonicum
Claim Jumper™ 'HSI1'

Claim Jumper™ Golden Katsuratree

Distinctively unusual, 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 to avoid foliage burn, as is typical for many yellow-leaved plants.

	Re-pot into	Zones 5-8
XP1-2'	#5	\$14.60 (10)+
3-4'	#7	\$19.15 (10)+

NEW



"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.

Cercidiphyllum japonicum
'Morioka Weeping'
Morioka Weeping Katsuratree



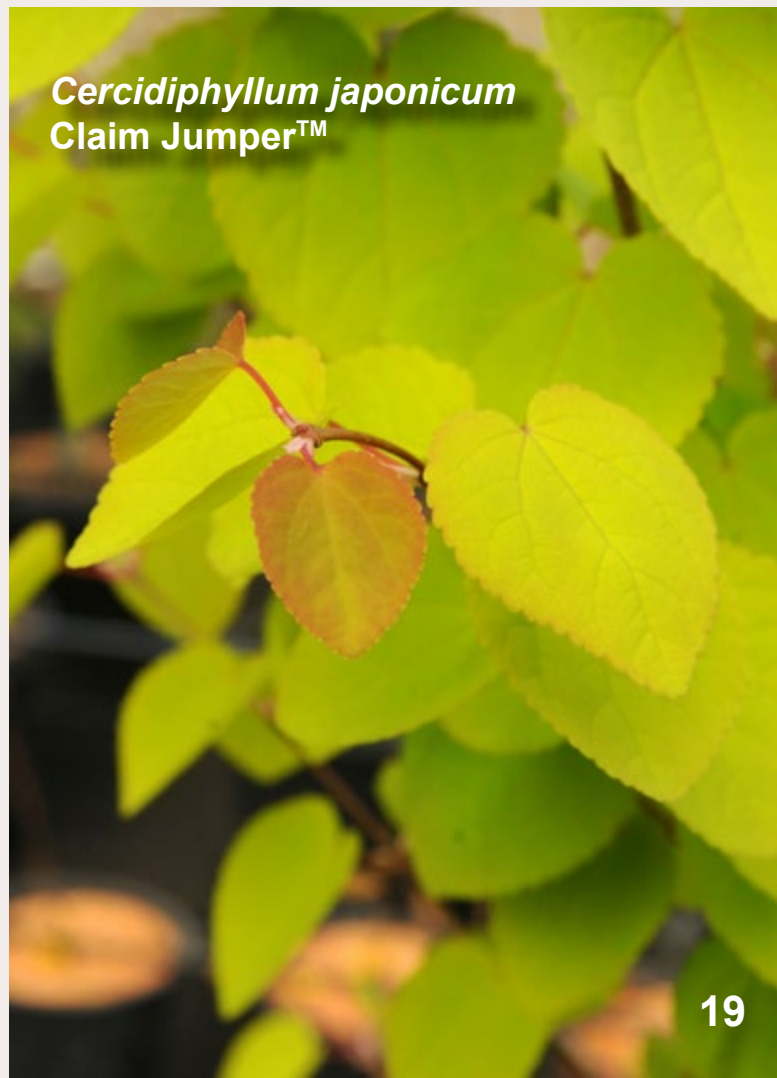
Bluish-green leaves flutter in the breeze giving it the impression of a shimmering waterfall. Native to China and Japan, the leaves turn earthy shades of orange and yellow in autumn and have a caramel-like fragrance before they fall. Mature height is 30+ ft.

	Re-pot into	Zones 5-8
3-4'	#3	\$19.15 (10)+
4-5'	#5	\$20.25 (10)+

Cercidiphyllum japonicum **'Rotfuchs'**
Red Fox Katsuratree

If you had to pick a way to improve Katsuratree choosing to make it red-purple would be the way to do it. That is exactly what we have here: a color statement. It is also more slow growing than most - dense and upright.

	Re-pot into	Zones 5-8
XP 1-2'	#3	\$14.60 (10)+
XP 2-3'	#3	\$16.30 (10)+
3-4'	#5	\$19.15 (10)+
4-5'	#7	\$20.25 (10)+



Cercidiphyllum japonicum
Claim Jumper™



Cercis canadensis
'Appalachian Red'

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.

	Re-pot into	Zones 5-9
MP 1/8"	#1	\$0.90 (50)+
3/16"	#1	\$0.95 (50)+
1/4"	#1	\$1.15 (50)+

Cercis can. var. texensis 'Oklahoma' Oklahoma Redbud

As the common name implies, it's better adapted to heat and drought, and is a little smaller in mature stature. Bright pink-red flowers. The leaves are rounded and attractively shiny.

	Re-pot into	Zones 5-9
4-5'	#7	\$16.90 (10)+

Cercis can. var. texensis 'Traveler' Traveler Redbud

A pleasing weeping variety, well-adapted to the hot summers of Oklahoma and Texas, with better drought tolerance than Eastern redbuds. Glossy leaves and bright flowers. Train to the desired height and let it spread as wide as you wish.

	Re-pot into	Zones 5-9
3-4'	#7	\$15.45 (10)+
4-5'	#7	\$16.60 (10)+

Cercis can. var. texensis 'Merlot' PP22,297

Merlot Hybrid 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 give a low seed set, so trashy-looking pods do not clutter the branches.

	Re-pot into	Zones 5-9
4-5'	#7	\$19.75 (10)+
5-6'	#7-10	\$21.85 (10)+

Price includes a \$2.00 royalty

Cercis can. 'Ace of Hearts' PP17,161

Ace of Hearts Redbud

An exceptionally attractive, relatively new introduction from TN. With so many new redbuds in the trade, we have to wonder when they will start to look like re-runs, but this is clearly a fine variety. Smaller in stature (12-15 ft. at maturity) than the species, its foliage is set on its branches with Vegas dealer-like precision. This one will grab your heart.

	Re-pot into	Zones 5-9
3-4'	#7	\$16.45 (10)+

Price includes a \$1.00 royalty

Cercis can. 'Appalachian Red' Appalachian Red Redbud

Some plants are described as having red flowers, but the term "red" used here in the cultivar name misinforms those who have not seen it in flower. Many firms list flowers as "fuchsia pink". It's certainly not blood-red like *Rosa moyesii*, but this selection is a distinctively much brighter pink than seedlings. So it catches your eye - one of our favorites. Its flowers closely match the intense pink color of *Prunus campanulata*.

	Re-pot into	Zones 5-9
5-6'	#7-10	\$19.85 (10)+

Cercis can. Burgundy Hearts® 'Greswan' Burgundy Hearts® Redbud PP19,654

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

	Re-pot into	Zones 5-9
4-5'	#7	\$19.65 (10)+
5-6'	#7-10	\$21.85 (10)+

Price includes a \$2.00 royalty

Cercis can. 'Forest Pansy' Forest Pansy Redbud

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

	Re-pot into	Zones 5-9
4-5'	#7	\$15.45 (10)+
5-6'	#7-10	\$17.60 (10)+

Cercis can. 'Hearts of Gold' PP17,740

Hearts of Gold Redbud

Hearts of Gold is the first of several new yellow-leafed redbuds. Its neon-yellow foliage is an immediate contrast in any landscape. Does not burn in summer.

	Re-pot into	Zones 5-9
4-5'	#7	\$19.15 (10)+
5-6'	#7-10	\$21.35 (10)+

Price includes a \$1.50 royalty

Cercis can. Lavender Twist® 'Covey' PP10,328

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
3-4'	#7	\$16.45 (10)+
4-5'	#7	\$18.65 (10)+
5-6'	#7-10	\$20.85 (10)+

Price includes a \$1.00 royalty



Cercis canadensis 'Ace of Hearts'

Cercis can. 'Little Woody' PP15,854

Little Woody Redbud

From Paul Woody come two compact new redbuds in recent years: this, and 'Ace of Hearts'. This is the more compact of the two, growing about a foot per year. In addition to its expected pink flowers on short internode stems, its almost dwarf habit allows use in landscapes where other redbud selections might outgrow their footprint. Bright foliage on this distinctive plant offers summer-long interest.

	Re-pot into	Zones 5-9
2-3'	#5	\$15.35 (10)+

Price includes a \$1.00 royalty

Cercis can. '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
4-5'	#7	\$17.65 (10)+
5-6'	#7-10	\$19.85 (10)+

Price includes a \$3.00 royalty

Cercis can. The Rising Sun™



The Rising Sun™ Golden Redbud 'JN2' PP 21, 451

Introduced by Ray and Cindy Jackson. Pumpkin-orange color in the new growth distinguishes it from the uniformly greenish-yellow color of 'Hearts of Gold'. In the heat of the Midwest and Southeast, it doesn't burn; that just makes it grow faster. We think you'll be amazed at its incandescent attractiveness.

	Re-pot into	Zones 6-9
3-4'	#5-7	\$17.45 (10)+
4-5'	#7	\$19.65 (10)+

Price includes a \$2.00 royalty



Cercis canadensis The Rising Sun™



Cercis chinensis
'Avondale'

***Cercis chinensis* 'Avondale'**
Avondale Chinese Redbud

All Chinese redbud varieties are covered with flowers in early spring -even on old branches. This cultivar is more tree-like, has bright rose-purple flowers and shiny leaves. Less hardy than *Cercis canadensis*.

3-4'	Re-pot into #5	Zones 6-9 \$15.45 (10)+
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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 leaves in autumn. Flower clusters of showy magenta color. Drought adapted and tolerant of much heat

MP	Re-pot into #1	Zones 7-9 \$1.95 (50)+
6-12"	#1	\$1.25 (50)+
1-2'	#1	\$2.00 (50)+

CHIONANTHUS

Chionanthus retusus

Chinese Fringetree



Like *C. 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 bark is most attractive in winter when contrasted against a snowy background.

LP 6-12"	Re-pot into #3	Zones 6-8 \$3.15 (50)+
LP 1-2'	#3	\$3.70 (50)+
3-4' TR	#7	\$7.20 (20)+
5-6' TR	#7-10	\$11.05 (20)+

***Chionanthus retusus* 'Arnold's Pride'**

Arnold's Pride Fringetree

Although originally planted at the Arnold Arboretum simply as an example of Chinese Fringetree, this particular seedling distinguished itself from most of its species by having rapid growth and a good central leader, and being self-fertile. Likely to grow 25-40 ft. tall, its exfoliating bark, fragrant white flowers, and fine form offer clearly superior nursery profitability and landscape appeal.

XP 1-2'	Re-pot into #3	Zones 6-8 \$13.75 (10)+
XP 2-3'	#5	\$15.45 (10)+

Chionanthus retusus* var. *serrulatus

Chinese Fringetree

Even among experts, few seem to appreciate the distinctive character of this variety. We observe smaller, less glossy leaves that have serrate edges. Much flakier bark. Overall, the growth habit is more shrubby, almost bonsai-like for 10 yr. old 6 ft. seedlings. Flower character is essentially the same, so expect an abundant show of starry-white flowers at the new branch tips, followed by attractive blue olive-like fruit.

LP 6-12"	Re-pot into #3	Zones 6-8 \$3.00 (50)+
LP 1-2'	#3	\$3.55 (50)+
LP 2-3'	#3	\$4.45 (50)+
6-12"	#1	\$2.15 (50)+
1-2'	#3	\$2.35 (50)+
2-3'	#5	\$3.30 (50)+

***Clethra barbinervis* bark**



Chionanthus virginicus



White Fringetree

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

	Re-pot into	Zones 4-9
1-2'	#1-2	\$2.50 (50)+
2-3'	#3-5	\$4.10 (20)+
2-3' HVY TR 3 yr	#7	\$6.00 (10)+
3-4' HVY TR 3 yr	#10	\$8.65 (10)+

Chionanthus virginicus 'Spring Fleecing'

Spring Fleecing White Fringetree

A selection from Tarheel Native Trees in Clayton, NC. This is a male cultivar selected for its profuse flowering, great form and dark, waxy green leaves. It is a VNLA, Beautiful Gardens Grow with Confidence® winner for 2014. Best of Show, 2014 New Variety Showcase, Farwest Show.

	Re-pot into	Zones 4-9
XP 2-3'	#3	\$15.45 (10)+
3-4'	#7	\$19.50 (10)+



Chionanthus retusus

CLADRASTIS



Cladrastis kentukea

American Yellowwood

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

	Re-pot into	Zones 4-8
1-2'	#1-2	\$2.20 (50)+
2-3'TR	#5	\$3.35 (50)+

CLETHRA

Clethra acuminata

Cinnamon Clethra

Native in the Appalachians, this is a plant of the future due to its small stature (typically under 20 ft.), attractive white flowers, peeling bark, adaptability to dry sites, and shade tolerance.

	Re-pot into	Zones 5-8
2 YR TR	#1	\$2.40 (20)+

Clethra alnifolia 'Ruby Spice'

Ruby Spice Clethra



Aptly named, its fragrant pink flowers are a delight to the senses. This plant delivers exceptional value in performance for price paid. It is a clean, easily grown plant worthy of a prominent spot where you can appreciate it. Extremely hardy.

	Re-pot into	Zones 3-9
MP	#2-3	\$1.35 (50)+
2 YR TR	#3-5	\$2.55 (20)+

Clethra alnifolia 'Sixteen Candles'

Sixteen Candles Clethra

As with other Clethras, the flowers are fragrant. In this case, the white blooms remain sturdy and upright, not floppy. More densely branched than most, this clonal spreader grows very well in moist to wet soils, in sun or part shade.

	Re-pot into	Zones 4-9
2 YR TR	#2-3	\$2.55 (20)+



Cornus Rosy Teacups® 'F70:R11,P13' PPAF
Rosy Teacups® Dogwood

Another very fine hybrid from Dr. Orton, this *kousa x nuttallii* hybrid has stunning pink-red blossoms. Perhaps a bold statement but we feel confident to claim that it is superior to any reds on the market. A well branched and freely-flowering tree, it is disease resistant, hardy, and has great red fall color.

	Re-pot into	Zones 6-9
2-3'	#5	\$16.45 (10)+
3-4'	#7	\$18.85 (10)+

Prices include a \$1.75 royalty

Clethra barbinervis
Japanese Clethra

More tree-like in character than others in its genus, Japanese Clethra has richly colored bark that peels off to reveal color tones of lavender, gray, and cream. Butterflies are attracted to the showy fragrant flowers. Autumn colors are yellow and red. This is a hardy and rare small tree to be use in an area receiving afternoon shade.

	Re-pot into	Zones 5-8
SP	#1	\$0.90 (50)+
2 YR TR	#3-5	\$2.40 (20)+

CORNUS
Cornus 'Eddie's White Wonder'
Eddie's White Wonder Dogwood



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

	Re-pot into	Zones 7-9
3-4'	#7	\$18.25 (10)+
4-5'	#7	\$21.10 (10)+

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	Zones 5-8
#1 2-3'	#5	\$13.25 (10)+
2-3'	#7	\$13.25 (10)+
3-4'	#7	\$15.20 (10)+

Price includes a \$0.50 royalty

Cornus Variegated Stellar Pink™ 'KV10-105v1' PPAF
Variegated Stellar Pink™ Dogwood

A variegated sport found on Stellar Pink®. As expected, it doesn't grow quite as fast as the green-leaved selection but it's a very attractive plant and its autumn color is staggering, unrivaled. The stems are dark burgundy and stand out nicely against the white leaf margins that surround dark green centers.

	Re-pot into	Zones 5-8
1-2'	#5	\$14.00 (10)+
2-3'	#5	\$16.45 (10)+
3-4' BRCH	#7	\$22.30 (10)+

Price includes a \$1.75 royalty

After mid-September, check our website for current availability.

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



A Rutgers selection with 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. Manage nitrogen application conservatively.

	Re-pot into	Zones 6-8
#1 2-3'	#5	\$14.25 (10)+
5-6'	#10	\$19.85 (10)+
Price includes a \$1.50 royalty.		

Cornus florida Cherokee Brave®
Cherokee Brave® Dogwood 'Comco #1' PP 10,166

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

	Re-pot into	Zones 5-9
2-3'	#5	\$15.20 (10)+
Price includes a \$0.50 royalty		

Cornus kousa 'Aka tsuki'
Aka tsuki Dogwood

Rarely available; selected as a branch sport on 'Satomi'. It has white-variegated foliage similar to 'Wolf Eyes', but the flower bracts and foliage are irregularly specked with pink. With irrigation it is not as susceptible to sunburn in Oregon, but reports from TN growers suggest that it may do best there in partial shade or on a north facing slope to protect it from the worst of late afternoon summer heat.

	Re-pot into	Zones 5-8
#1 1-2'	#5	\$12.25 (10)+
2-3'	#5	\$14.70 (10)+

Cornus kousa 'Beni fuji'
Beni fuji Dogwood

Smaller in mature stature than Satomi, and with brighter pink, smaller, abundant flowers. Excellent specimen plant for a limited space landscape or large patio container. This is your best bet for a deep pink-flowered Chinese dogwood and maximum landscape flexibility.

	Re-pot into	Zones 5-8
2-3'	#5	\$14.70 (10)+

Cornus kousa 'Greensleeves'
Greensleeves Dogwood

Cappiello and Shadow, in their book, Dogwoods, call it one of the very best 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 robust autumn shades of red and purple.

	Re-pot into	Zones 5-8
2-3'	#5	\$12.75 (10)+
4-5' BRCH	#10	\$19.85 (10)+

Cornus kousa 'Grist Mill Pink'
Grist Mill Pink Kousa Dogwood

In our firsthand experience, it is a good pink form, not large-growing, and seems to have resistance to dogwood anthracnose.

	Re-pot into	Zones 5-9
2-3'	#5	\$16.90 (10)+
3-4'	#7	\$18.05 (10)+

Cornus kousa 'Mandarin Jewel'® 'Madi-II' PPAF
Mandarin Jewel® Dogwood

With clean, dark green leaves through summer and large white flowers in abundance, many people are surprised by Mandarin Jewel's bright orange fruit. This color stands out much better against the foliage as compared to the usual red fruit color, more visible from a distance.

	Re-pot into	Zones 5-8
1-2'	#3	\$13.25 (10)+
2-3'	#5	\$15.70 (10)+

Price includes a \$1.00 royalty



Cornus kousa 'Mandarin Jewel'

Cornus kousa 'Milky Way'



Milky Way Dogwood

Among the most prolific of all white-blooming kousas. These are vegetatively propagated from our original budwood accession - the original 'Milky Way' dogwoods at Wayside Gardens. After 50 years, the name is widely recognized and an easy sell to your clients, but pay no premium for Milky Way seedlings.

	Re-pot into	Zones 5-8
2-3'	#5	\$12.75 (10)+

Cornus kousa Radiant Rose® 'Hanros'

Radiant Rose® Dogwood

Likely 5-10°F hardier than 'Satomi'. Reddish new growth and pink flowers.

	Re-pot into	Zones 5-8
2-3'	#5	\$13.50 (10)+

Price includes a \$0.75 royalty

Cornus kousa 'Satomi'

Satomi Dogwood

Best known of the pink *C. 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 *C. florida*.

	Re-pot into	Zones 5-8
#1 2-3'	#5	\$14.70 (10)+
2-3'	#5	\$14.70 (10)+
3-4'	#7	\$17.10 (10)+
4-5' BRCH	#10	\$23.50 (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 and narrower habit - to only 8 ft. wide in twenty five years. Snow Tower® could easily be utilized as a street tree with such a habit!

	Re-pot into	Zones 5-8
2-3'	#5	\$15.55 (10)+
3-4'	#7	\$17.95 (10)+

Price includes a \$0.85 royalty

Cornus kousa 'Summer Fun'

Summer Fun Chinese 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.

	Re-pot into	Zones 5-8
2-3'	#5	\$14.70 (10)+



Cornus kousa 'Summer Gold'

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. This selection from him has an auspicious future and ours were the first ever offered to 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	Zones 5-8
1-2'	#3	\$11.90 (10)+
2-3'	#5	\$14.25 (10)+

Price includes a \$1.50 royalty

Cornus kousa var. chinensis

Chinese Dogwood

Mostly free of anthracnose leaf disease, and always popular in the nursery trade because seedlings are so 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 *C. 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 *C. kousa*, Japanese Dogwood, in its more upright growth, longer internodes, and larger leaves and flowers. These characteristics make it profitable as an ornamental GC promo item, and as a dependable rootstock.

	Re-pot into	Zones 5-8
SP 1/8"	AP	\$0.75 (50)+
LP 3/16"	#2	\$1.10 (50)+
3/16"	#1-2	\$0.90 (50)+
1/4"	#3	\$1.25 (50)+

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. **COVER PHOTO**

	Re-pot into	Zones 5-8
#1 1-2'	#5	\$10.40 (10)+
2-3'	#5	\$12.75 (10)+

Cornus sericea (choose either or both)

Redtwig or Yellowtwig Dogwood

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

	Re-pot into	Zones 3-7
1-2'	#2-3	\$0.75 (50)+



Corylus fargesii

CORYLOPSIS

Corylopsis pauciflora

Buttercup Winterhazel



Of refined, delicate appearance year-long, this woodland shrub from Japan makes a great substitute for witchhazel in smaller gardens. It slowly mounds up, becoming more broad than tall, and is easily maintained. Primrose yellow flowers cover the branches in early spring. Prefers moist, partially shaded borders and open woods, but tolerates a sunny spot fine: it just grows more slowly in full sun.

	Re-pot into	Zones 6-8
LP	#1	\$2.60 (50)+
2 YR TR	#3-5	\$3.40 (20)+

CORYLUS

Corylus avellana 'Contorta'

Harry Lauder's Walking Stick

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

	Re-pot into	Zones 4-8
XP	#5	\$8.65 (20)+

Corylus avellana 'Red Dragon' PP20,694

Red Dragon European Filbert



From Shawn Mehlenbacher's work here at OSU comes a prized, **blight-resistant**, contorted, red-leaf hazelnut. With moderately contorted growth, it has an arching grace. Its purple color is intense in spring and early summer, and still dark later in the year. These will attract a lot of attention at garden centers.

	Re-pot into	Zones 4-8
XP	#5	\$9.55 (10)+
2 YR TR	#7	\$12.25 (10)+

Price includes a \$1.25 royalty

Corylus fargesii

Farges' Filbert

Farges' Hazelnut has been on most plant maniacs' "want list" for the better part of a decade because of the beautiful exfoliating bark - reminiscent of paperbark maple and the best river birch varieties. Grafted plants perform poorly, and cuttings are nearly impossible. These are propagated from tissue culture to avoid both issues and get them into wholesale cultivation. It has a strongly upright growth habit, quickly reaching 30 ft. in 13 yrs. Not bothered by pests, and partially resistant to Eastern Filbert Blight. The clean green leaves, which emerge with a pink blush, turn yellow in autumn.

	Re-pot into	Zones 6-8
#1 1-2'	#5	\$14.25 (10)+
#1 2-3'	#5	\$15.85 (10)+

NEW

Hazelnuts – are they an overlooked profit item for your IGC or wholesale growing operation?

FACTS:

- Our young trees are the most popular and newer varieties from Shawn Mehlenbacher's breeding program at Oregon State.
- Although they're not traditionally considered an ornamental plant, like apple or other fruit trees, they may have a spot on your clients' invoices as part of the strong trend toward home gardening and "local foods".
- We've invested heavily in these plants, growing them in #1 pots by the tens of thousands, because there is a strong local demand from Willamette Valley farmers who are looking to diversify into crops that are least dependent on seasonal harvest labor.
- Hazelnut prices are at historic highs due to freeze damage to trees in Turkey, so there's no concern about an Oregon oversupply. A lot of orchards are going in, but Oregon accounts for a tiny fraction of the world hazelnut crop. What happens when the production orchards in Turkey get Eastern Filbert Blight carried there on the jet stream? Are their orchards vulnerable? Is world-wide demand for nuts increasing as living standards in China and elsewhere rise? These factors move the price needle higher, we feel, notwithstanding Oregon's rising acreage.
- Contracts considered – forward purchase agreements that put you first in line and help you avoid buying from 3-4 suppliers to get enough little trees to plant your whole acreage at once.

Let us know your needs so we can be your partner and relieve you of worry on the liner supply part of your orchard dream.

Contact: sales@heritageseedlings.com

Corylus 'Jefferson'
Jefferson Hazelnut

Released six years ago, 'Jefferson' has very high Eastern Filbert Blight resistance and is well suited for in-shell market. It should be planted as a replacement for old EFB susceptible 'Barcelona' orchards.

#1 Re-pot into **#5/Orchard** **Zones 5-8**
\$6.85 (100)+

Corylus 'Dorris' PP13/694,675
Dorris Hazelnut

In addition to complete EFB resistance, 'Dorris' has smaller tree stature. The kernels have very high quality and great flavor. They will demand a higher price. These desirable traits and those of its pollinizers 'York' and 'Felix', illuminate the future of the industry.

#1 Re-pot into **#5/Orchard** **Zones 5-8**
\$7.35 (100)+

Price includes a \$0.50 royalty

Corylus 'McDonald' PP14/544,504
McDonald Hazelnut

The newest release from OSU, 'McDonald' does get some EFB infection under high pressure, though it has the resistance gene. It is small nut for the kernel market. The tree is smaller than 'Jefferson'.

#1 Re-pot into **#5/Orchard** **Zones 5-8**
\$7.35 (100)+

Price includes a \$0.50 royalty

Corylus 'Sacajawea'
Sacajawea Hazelnut

Shawn Mehlenbacher reports, "a high level of quantitative resistance to EFB, similar to 'Tonda di Giffoni,' though it isn't totally resistant. It too is 10-15 days earlier than 'Barcelona' and has smaller nuts with a higher yield.

#1 Re-pot into **#5/Orchard** **Zones 5-8**
\$6.85 (100)+



Corylus 'Felix' PP13/694,676

Felix Hazelnut

A late season pollinator with very high levels of resistance to EFB, it has low nut yields though they are suitable for in-shell market.

#1 Re-pot into **Zones 5-8**
#5/Orchard **\$7.35 (100)+**
Price includes a \$0.50 royalty

Corylus 'York' PP13/694,677

York Hazelnut

Released as a mid-season pollinizer for 'Dorris', 'York' has a high level of EFB resistance and small nuts for in-shell or kernel markets.

#1 Re-pot into **Zones 5-8**
#5/Orchard **\$7.35 (100)+**
Price includes a \$0.50 royalty

Corylus 'Yamhill'

Yamhill Hazelnut

Maturing 10-15 days ahead of 'Barcelona', 'Yamhill' has complete resistance to EFB. Its nuts, best suited for kernel market, are smaller but harvest yields exceed 'Barcelona'.

#1 Re-pot into **Zones 5-8**
#5/Orchard **\$6.85 (100)+**

Corylus 'Theta'

Theta Hazelnut

A very late season pollinator with total resistance to EFB. It is a good choice for planting with 'Jefferson'.

#1 Re-pot into **Zones 5-8**
#5/Orchard **\$6.85 (100)+**

Corylus 'Wepster' PP13/998,648

Wepster Hazelnut

One of the newest releases, 'Wepster' is a small-kernelled hazelnut for the confection market. This is a big deal for Oregon. It has a high level of resistance to EFB.

#1 Re-pot into **Zones 5-8**
#5/Orchard **\$7.35 (100)+**
Price includes a \$0.50 royalty



Take our pots directly to your orchard.

COTINUS

Cotinus 'Grace'

Grace Hybrid Smoketree

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

XP Re-pot into **Zones 5-8**
#3-5 **\$4.00 (10)+**

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 GC. 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.

1-2' Re-pot into **Zones 5-8**
#1-3 **\$1.00 (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 *C. coggygria* and much taller in stature at maturity.

1-2' Re-pot into **Zones 4-8**
#1-2 **\$1.50 (50)+**
2-3' **#3** **\$1.80 (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.

LP 1-2' Re-pot into **Zones 6-8**
2-3' **#3** **\$6.90 (20)+**
#5 **\$7.35 (20)+**

DIOSPYROS

Diospyros kaki 'Fuyu' **Fuyu Asian Persimmon**

Attractive glossy foliage of deep green clothe this disease free tree. Tasty orange fruit, of the non-astringent type.

#1 2-3' Re-pot into **Zones 6-10**
#5 **\$15.00 (10)+**



Diospyros virginiana

American Persimmon

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

	Re-pot into	Zones 4-9
3/16"	#1	\$0.90 (50)+
1/4"	#1	\$1.25 (50)+

Diospyros virg. 'JN5' Magic Fountain™ PPAF

Magic Fountain™ Weeping Persimon

Some guys have all the luck. Ray Jackson gets the credit for this very cool new selection of weeping American persimmon. It is a strong weeper but a vigorous plant; so it needs to be staked to its desired height. Reddish fall color and 1in. fruit in the winter add to the appeal. The fruit is tasty after several hard freezes and is attractive to wildlife.

	Re-pot into	Zones 4-9
#1 1-2'	#5	\$14.45 (50)+
#1 2-3'	#5	\$16.50 (50)+

Price includes a \$1.50 royalty

ENKIANTHUS

Enkianthus campanulatus

Redvein Enkianthus

Upright shrub with heather-like flowers borne in clusters in April/ May. Slender branches complement small leaves, giving it a delicate texture. Often used to add variety in the company of azaleas, *Kalmia*, and *Camellias*, it prefers an acidic soil in partial shade.

	Re-pot into	Zones 5-8
MP	#1	\$1.10 (50)+



Davidia involucrata

EUONYMUS

Euonymus fortunei 'Wolong Ghost'

Wolong Ghost Euonymus

An original selection from Dan Hinckley and Heronswood, this evergreen groundcover or climber is very different; dark green narrow leaves have a silver strip down their center. Dry shade isn't a problem after it is established.

	Re-pot into	Zones 4-9
MP	#1	\$2.20 (50)+

FAGUS

Fagus sylvatica

European Beech

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

	Re-pot into	Zones 5-8
LP 3/16"	#1	\$1.60 (50)+
LP 1/4"	#1-2	\$1.85 (50)+
3/16"	#1	\$0.90 (50)+
1/4"	#1	\$1.25 (50)+
2-3' TR * HEDGE	#5	\$5.05 (20)+
3-4' TR * HEDGE	#7	\$6.15 (20)+

* Low branched for hedges



Diospyros kaki 'Fuyu'

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 variety 'Zlatia'.

	Re-pot into	Zones 5-8
3-4'	#5	\$15.05 (10)+
4-5'	#7	\$17.40 (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 landscaping trade for its consistent dark purple foliage and appealing upright habit.

	Re-pot into	Zones 5-8
3-4'	#5	\$16.55 (10)+
4-5'	#7	\$18.75 (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.

	Re-pot into	Zones 5-8
3-4'	#5	\$16.55 (10)+
4-5'	#7	\$18.75 (10)+

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	Zones 5-8
3-4'	#5	\$16.55 (10)+
4-5'	#7	\$18.75 (10)+

Fagus sylvatica 'Rohan Obelisk' Rohan Obelisk European Beech

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

	Re-pot into	Zones 5-8
3-4'	#5	\$16.55 (10)+
4-5'	#7	\$18.75 (10)+

Fagus sylvatica 'Rohanii' Purple Sawtooth European Beech



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

	Re-pot into	Zones 5-8
2-3'	#3	\$14.35 (10)+
3-4'	#5	\$16.55 (10)+
4-5'	#7	\$18.75 (10)+

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 among a daunting list of cultivars.

	Re-pot into	Zones 5-8
2-3'	#3	\$14.35 (10)+
3-4'	#5	\$16.55 (10)+
4-5'	#5	\$18.75 (10)+

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	Zones 5-8
LP 1-2'	#3	\$3.50 (50)+
2-3' TR * HEDGE	#5	\$3.45 (20)+
3-4' TR * HEDGE	#7	\$4.40 (20)+

* Low branched for hedges



FOTHERGILLA

Fothergilla xintermedia 'Blue Shadow'

PP 15,490

Blue Shadow Fothergilla

Blue Shadow is an excellent replacement for the anemic *F. gardenii* variety 'Blue Mist'. It is brighter blue, much more vigorous, and considerably tougher than 'Blue Mist'. The shrub originated from a 'Mt. Airy' plant, and retains the dwarf and dense character of its parent. Always remove any green leafed stems.

	Re-pot into	Zones 5-8
MP	#1	\$3.90 (50)+
	Price includes a \$0.55 royalty	

Fothergilla xintermedia 'Mt. Airy'

Mt. Airy Dwarf 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	Zones 5-8
MP	#1	\$2.65 (50)+
2 YR TR	#3	\$4.95 (20)+



GAULTHERIA

Gaultheria procumbens

Creeping Wintergreen

Of the heather family, having white, urn-shaped flowers. This low, stoloniferous ground cover requires an acidic, moist woodland soil for best success. It thrives in company with azaleas, Kalmia and woodland wildflowers. An endearing, classy evergreen with shiny burgundy-colored winter foliage.

	Re-pot into	Zones 3-8
SP	Qt, #1	\$0.85 (50)+

Gaultheria shallon

Salal

A Pacific Northwest forest shrub, Salal's landscape potential is often overlooked. Shiny, long-lasting leaves, showy flowers and edible fruit. Low-maintenance landscape border. Prune low every 3-5 years.

	Re-pot into	Zones 7-9
SP	QT, #1	\$0.60 (50)+

GINKGO

Ginkgo biloba

Ginkgo

Witness to the birth and extinction of countless species over a period of 150 million years, *Ginkgo* survives to charm us with its unique fan-shaped leaves and butter-yellow fall color. Consider that even after Hiroshima was devastated by nuclear blast, fire and radiation in 1945, at ground zero it was the lone re-generating tree the following spring. Merits wider use: many new grafted male cultivars are becoming very popular. These are un-sexed seedlings, used almost exclusively for grafting.

	Re-pot into	Zones 4-8
LP 3/16"	#1	\$1.50 (50)+
LP 1/4"	#1-2	\$1.80 (50)+
3/16"	#1	\$0.95 (50)+
1/4"	#1	\$1.15 (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
LP 1-2'	#3	\$9.15 (10)+
#1 2-3'	#5	\$14.60 (10)+

Ginkgo biloba 'Chase Manhattan'

Chase Manhattan Ginkgo

True dwarf for the rock garden. Tight internodes and diminutive leaves, it is a surprisingly sturdy plant with good nursery vigor.

	Re-pot into	Zones 4-8
LP 1-2'	#3	\$10.50 (10)+



New Product

With many new *Ginkgo* varieties on the market, this timeless tree has a place in every garden, from the bonsai pot to full-sized shade tree types.

Dwarf kinds are available, including 'Chase Manhattan' and 'Mariken', increasingly popular for small or tight spots up close to the house. Columnar varieties work well in commercial plantings where their upright habit keeps them maintenance free and pleasing across all seasons. All these varieties are male, fruitless clones, trouble and worry-free trees that love the heat and tolerate drought well. *Ginkgo* is just one tough tree, and we have a great supply to enhance your profits.

We listened to YOU...asking for heavier caliper, #1 potted *Ginkgo* liners that finish fast. Choose a half-dozen from the rich selection below. To save you freight costs, we can shake them out of the pot, you can pick them up, or get truck delivery as part of a large order.



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

***Ginkgo biloba* 'Fastigiata'** **Columnar Ginkgo**

Several named forms have this upright habit, always a premium characteristic for a tree that can be planted on almost any disturbed site without wondering if it will grow well. A fast-growing, narrowly upright male clone.

	Re-pot into	Zones 4-8
LP 1-2'	#3	\$9.15 (10)+
#1 2-3'	#5	\$14.60 (10)+

***Ginkgo biloba* 'JN9' Sky Tower™** **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, very low maintenance tree.

	Re-pot into	Zones 5-8
LP1-2'	#3	\$11.15 (10)+
#1 2-3'	#5	\$16.60 (10)+

Price includes a \$1.00 royalty

***Ginkgo biloba* 'Magyar'** **Magyar Ginkgo**

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

	Re-pot into	Zones 4-8
LP 1-2'	#3	\$9.15 (10)+
#1 2-3'	#5	\$14.60 (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.

	Re-pot into	Zones 4-8
LP 6-12" LOW GR WHIP	#2	\$10.15 (10)+
#1 1-2' LOW GR WHIP	#3	\$13.35 (10)+
#1 1-2' HG 1yr WHIP	#3	\$13.80 (10)+
#1 1-2' HG 2yr LT BRCH	#5	\$15.05 (10)+

Among the dozen *Ginkgo* listings, we list sizes including LOW GR and HG, denoting low graft and high graft.

Since 'Mariken' is a low-branched spreader, getting it off the ground away from mowers is an advantage to consider.





xGordlinia grandiflora

Ginkgo biloba Princeton Sentry®
Princeton Sentry® Ginkgo

This male clone 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
LP 1-2'	#3	\$9.75 (10)+
#1 2-3'	#5	\$15.20 (10)+

Prices includes a \$0.60 royalty

Ginkgo biloba 'Saratoga'
Saratoga Ginkgo

One of our favorites, an attractive male selection with distinctly narrow, elongated leaves reminiscent of the tail from a fancy goldfish. Definitely a "top three" selection.

	Re-pot into	Zones 4-8
LP 1-2'	#3	\$9.15 (10)+
2-3'	#3-5	\$14.40 (10)+

Ginkgo biloba 'Spring Grove'
Spring Grove Dwarf Ginkgo

It seems there are several clones going around under this name because there are at least two different dwarf *Ginkgo* trees at Spring Grove Cemetery in Ohio. We don't know which this is or if it is both; we started with more than one plant. But we do know they are dwarf and very attractive in conical growth habit.

	Re-pot into	Zones 4-8
LP 6-12"	#2	\$10.15 (10)+

Ginkgo biloba 'Tubeleaf'
Tubeleaf Ginkgo

There are way more *Ginkgo* cultivars out there than you can imagine until you start collecting them from around the world. This charming variety is distinctive for its small leaves - conically shaped, especially on lateral branches or spurs.

	Re-pot into	Zones 4-8
LP 6-12"	#2	\$9.40 (10)+
LP 1-2'	#3	\$10.50 (10)+

Ginkgo biloba 'Weeping Wonder'
Weeping Wonder Ginkgo

Very recent introduction with mutant foliage of up to 5 distinct leaf forms in addition to occasional variegation of lime and dark green. AKA 'Mutant Weeper'.

	Re-pot into	Zones 4-8
LP 1-2'	#3	\$10.50 (10)+

xGORDLINIA
xGordlinia grandiflora
Mountain Gordlinia

An exciting but seemingly unlikely combination this inter-generic hybrid from Thomas Ranney at NCSU combines the hardiness of *Franklinia* with the cultural ease of *Gordonia*. Early white 2 in. flowers, semi-evergreen foliage, and a robust tree-like growth habit make this an exciting new flowering tree addition to the trade.

	Re-pot into	Zones 7-10
MP	#2-3	\$2.55 (50)+

GYMNOCLADUS
Gymnocladus dioicus
Kentucky Coffeetree



An under-used American native of the Midwest and Ohio Valley. Hardy, pH adaptable, large tree of bold branch character and rough, attractive bark. Pest-free, its obscurity in the trade is unwarranted, except that it can be difficult to transplant field-grown seedlings. Ours are exclusively container propagated to root prune them and encourage fine lateral roots from the get-go.

	Re-pot into	Zones 4-8
3/16"	#1	\$1.70 (50)+
1/4"	#1	\$2.00 (50)+

Size Guide pages 62-63

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
LP 3/16"	#2	\$2.55 (50)+
LP 1/4"	#3	\$3.05 (50)+
3/16"	#1	\$1.35 (50)+
1/4"	#2	\$1.70 (50)+

Halesia diptera var. *magniflora*

Large-flowered Silverbell

Our native Silverbell doesn't often have the best tree form so we persist with training it ambitiously. Why? The large white bell-shaped flowers, 1.5 in., bring plenty of interest from any serious tree lover.



	Re-pot into	Zones 5-8
1-2'	#2	\$5.80 (50)+

HAMAMELIS

Hamamelis virginiana

Common Witchhazel

Most often used as a rootstock for selected cultivars. This native American shrub can grow to 20 ft. with equal spread. Prefers moist soils, but full sun in the landscape encourages more compact growth. Trim branches just before the plant blooms to force indoor flowers.

	Re-pot into	Zones 3-8
3/16"	#1	\$0.95 (50)+
1/4"	#1	\$1.25 (50)+

Hamamelis xintermedia

'Arnold's Promise'

Arnold's Promise Witchhazel

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

	Re-pot into	Zones 5-8
XP 1-2'	#2	\$10.30 (10)+



Hamamelis xintermedia 'Diane'

Diane Witchhazel

Diane has the 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
XP 1-2'	#2	\$10.30 (10)+

Hamamelis xintermedia 'Feuerzauber'

Feuerzauber Witchhazel

Feuerzauber Witchhazel is a strong-growing, vase-shaped shrub with coppery orange-red flowers. Its flowers are only slightly fragrant, and they emerge a little later than most in the clan.

	Re-pot into	Zones 5-8
XP 1-2'	#2	\$10.30 (10)+

Hamamelis xintermedia 'Jelena'

Jelena Witchhazel

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

	Re-pot into	Zones 5-8
XP 1-2'	#2	\$10.30 (10)+



HEPTACODIUM

Heptacodium miconioides

Seven-Son Flower

Due to its multi-season appeal, this multi-stemmed tree, introduced from China only 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 - the color of soft beach sand. 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 5-8
MP	#1-2	\$2.50 (50)+
2 YR TR	#5	\$7.10 (20)+



Hamamelis xintermedia 'Diane'



HYDRANGEA

Hydrangea aspera ssp. *strigosa* 'Elegant Sound Pavilion'

Elegant Sound Pavilion Hydrangea

A fun selection which irregularly produces large, full mopheads of sterile flowers, palest green with lavender eyes when fresh, aging to white, that also blossoms in the standard lacecap fashion. It seems to swing back and forth but is always beautiful.

	Re-pot into	Zones 7-10
MP	#1-3	\$4.20 (50)+

Hydrangea quercifolia 'Munchkin'

Munchkin Oakleaf Hydrangea

Very compact, to only 4 ft. tall; an abundantly flowering selection from the US National Arboretum - Dr. Sandy Reed in TN. Flowers held erect, emerging white and aging to an appealing light pink. Extraordinary plant!

	Re-pot into	Zones 5-9
MP	#1-3	\$2.70 (50)+
2 YR TR	#3-5	\$3.35 (20)+



Hydrangea quercifolia
'Snow Queen'

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	#1-3	\$2.05 (50)+
LP	#3	\$3.05 (50)+
2 YR TR	#3-5	\$4.00 (20)+

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 today's compact multi-family housing landscapes.

	Re-pot into	Zones 5-9
MP	#1-3	\$2.70 (50)+

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	Zones 5-9
MP	#1-3	\$2.05 (50)+

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	Zones 5-9
MP	#1-3	\$2.05 (50)+
LP	#3	\$3.05 (50)+

Hydrangea quercifolia 'Snowflake'

Snowflake Oakleaf Hydrangea

The Oakleaf Hydrangeas share many desirable characteristics: white flowers with bold, trouble-free foliage that turns burgundy red in the fall. Double-flowered 'Snowflake' may have the largest inflorescences, which are usually upright. Prefers light shade.

	Re-pot into	Zones 5-9
MP	#1-3	\$2.05 (50)+
LP	#3	\$3.05 (50)+
2 YR TR	#5	\$4.00 (20)+

Order early for best



Hydrangea quercifolia 'Ruby Slippers'

ILEX

Ilex verticillata

Winterberry

Native winterberry is an important food source for wildlife in winter. These are seedlings, unsexed, but so inexpensive that large groupings can be planted, or restorations begun.

1-2'	Re-pot into #1-2	Zones 3-9 \$1.00 (50)+
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Ilex verticillata 'Maryland Beauty'

Maryland Beauty Winterberry

Short, compact form well-suited for cut branch production. Large, dark red berries.

MP	Re-pot into #1-2	Zones 3-9 \$1.90 (50)+
2 YR TR	#5	\$2.90 (50)+

Ilex verticillata 'Southern Gentleman'

Southern Gentleman Winterberry

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

MP	Re-pot into #1-2	Zones 3-9 \$1.90 (50)+
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Ilex verticillata 'Winter Gold'

Winter Gold Winterberry

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

MP	Re-pot into #1-2	Zones 3-9 \$1.90 (50)+
LP	#3	\$3.00 (50)+
2 YR TR	#5	\$3.15 (50)+



JUGLANS

Juglans regia

Carpathian English Walnut

Hardy-source seedlings of the thin-shelled English walnut. Grow on for fruit, or use as a rootstock for improved varieties to sell in regions with bitter cold winters.

1-2'	Re-pot into #2-3	Zones 5-7 \$1.60 (20)+
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Re-pot into

#2-3



"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.

size and quantity selection.

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	Zones 5-9
LP 2-3'	#5	\$2.40 (50)+
1-2'	#3	\$1.65 (50)+
2-3'	#5	\$1.95 (50)+
5-6' TR	#10-15	\$4.35 (20)+

MACLURA

Maclura pomifera

Osage-orange

Naturally dense and thorny, this is a brute of a tree that was widely planted on farms when the Midwest was initially settled. Fruits are grapefruit-sized, green, and messy. The wood is extremely hard and rot-resistant, so hedgerows were also frequently cut for fence posts until steel posts came into wider use 50 years ago. Rootstock for the superior thorn less variety, 'Whiteshield'.

	Re-pot into	Zones 5-9
3/16"	#1	\$0.95 (50)+
1/4"	#1-2	\$1.15 (50)+

MAGNOLIA

Magnolia 'Ann'

Ann Magnolia

Deep purple/red flowers, blooming before 'Betty'. A vigorous, dependable, and easily grown stocky shrub.

	Re-pot into	Zones 5-9
LP	#3	\$5.10 (50)+

Magnolia 'Betty'

Betty Magnolia

Flowers purple/red on outside, whitish inside. A 12 ft. tall rounded shrub with copper-colored new foliage in spring.

	Re-pot into	Zones 5-9
LP	#3	\$5.10 (50)+

Magnolia Black Tulip® 'JURmag1' PP10/335,952

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	\$18.35 (10)+
#1 3-4'	#5	\$20.65 (10)+

Prices includes a \$3.00 royalty

Magnolia 'Blazing Beauty'

Blazing Beauty Magnolia

With a final endorsement from the late, Dennis Ledvina, this sister seedling to Galaxy sets itself apart with even brighter fuchsia pink flowers, equal hardiness, Zone 5-9, and attractive habit. The color is clear and even from tip to base and front to back.

	Re-pot into	Zones 5-9
#1 2-3'	#5	\$15.05 (10)+
#1 3-4'	#5-7	\$17.40 (10)+

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 2-3'	#5	\$12.75 (10)+
#1 3-4'	#5-7	\$15.05 (10)+

Prices include a \$1.00 royalty

Magnolia 'Butterflies'

Butterflies Magnolia

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

	Re-pot into	Zones 5-9
#1 2-3'	#5	\$12.75 (10)+
#1 3-4'	#5-7	\$15.05 (10)+



Magnolia Black Tulip®



Magnolia 'Genie' PP 20,748
Genie Magnolia

The result of 15 yrs. of breeding culminating in a compact, small tree maturing at perhaps 10 -13 ft. tall. Sensational black-red buds open to small globular tulip-shaped blooms of deep rich maroon-purple on both surfaces, with nicely reflexed tepal tips paling to a lighter magenta rose shade. 'Genie' has lightly scented blooms from early spring to early summer, and mid to late summer where conditions are not too dry.

	Re-pot into	Zones 5-9
#1 2-3'	#5	\$16.85 (10)+
Price includes a \$1.80 royalty		

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 *M. denudata*.

	Re-pot into	Zones 5-8
#1 2-3'	#5	\$12.75 (10)+
#1 3-4'	#5-7	\$15.05 (10)+

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 2-3'	#5	\$12.75 (10)+
#1 3-4'	#5-7	\$15.05 (10)+

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	Zones 5-9
#1 2-3'	#5	\$12.75 (10)+
#1 3-4'	#5-7	\$15.05 (10)+

Magnolia 'Judy Zuk'
Judy Zuk Magnolia

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

	Re-pot into	Zones 5-9
#1 2-3'	#5	\$15.05 (10)+
#1 3-4'	#5-7	\$17.40 (10)+

Magnolia 'Sunsation'
Sunsation Magnolia

During the 2011 *Magnolia* Society meeting in Rhode Island, a majority of ladies 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 2-3'	#5	\$12.75 (10)+
#1 3-4'	#5-7	\$15.05 (10)+



Magnolia 'Sunsation'



Magnolia macrophylla
Bigleaf Magnolia

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

	Re-pot into	Zones 5-8
LP 6-12"	#1-2	\$5.00 (20)+
LP 1-2'	#3	\$6.35 (20)+
2-3' TR	#5	\$8.15 (20)+

Magnolia macrophylla ssp. ashei
Ashe Magnolia

Scaled-down version of *Magnolia macrophylla* for the modern garden. A precocious bloomer, it sometimes buds up to yield a flower in a pot only 3 yrs. from seed. 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...reminds one of the biblical verse in praise of lilies "...Solomon in all his glory was never arrayed like one of these..." An 8 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 perished. 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
LP 1-2'	#3	\$7.45 (20)+
2-3' TR	#5	\$9.20 (20)+

Magnolia 'Sunset Swirl'

Sunset Swirl Magnolia

A 'Pink Royalty' x 'Daybreak' cross having pink flowers, similar to 'Daybreak'. Unlike 'Daybreak' it blooms later and has a firmer flowers that flatten to a pinwheel form.

	Re-pot into	Zones 4-9
#1 3-4'	#5-7	\$15.05 (10)+
Price includes a \$1.00 royalty		

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 *M. liliiflora*.

	Re-pot into	Zones 5-9
#1 2-3'	#5	\$15.05 (10)+
#1 3-4'	#5-7	\$17.40 (10)+

Magnolia acuminata

Cucumbertree Magnolia

Its common name is derived from the fruits that develop from green to dark red when they ripen. As the seeds are expelled, they're held by elastic threads for the birds, which devour them quickly just as they have done since the days of their fossilized ancestors. A magnificent, large, fast-growing and pH-adaptable tree, it can grow to 70 ft. Parent of the hardy yellow hybrids that are so popular.

	Re-pot into	Zones 3-8
LP 3/16"	#3	\$2.30 (50)+



Magnolia macrophylla

Magnolia maudiae

Winter Magnolia

One of the easier winter-blooming evergreen Magnolias to grow in mild climates. Large, 6 in., pure white flowers are very fragrant and arranged along the branches rather than at branch tips. These will form small trees or good potted specimens. They do well on the West Coast and in the Southeast.

LP	Re-pot into #3	Zones 7-10 \$4.95 (20)+
#1 1-2'	#5	\$5.95 (10)+
#1 2-3'	#5	\$7.15 (10)+

Magnolia kobus

Kobus Magnolia

Very hardy - the rootstock of choice for a rich selection of new hybrids. These liners have an extensive root system - a bonus for field planting or potting up.

LP 3/16"	Re-pot into #1	Zones 4-8 \$2.30 (50)+
LP 1/4"	#1-2	\$2.60 (50)+

Magnolia pyramidata

Pyramid Magnolia

Hailing from the American Southeast, exceptionally rare, this unusual white flowered Magnolia is a collector's item. Growth appears in false whorls. Smaller than *M. fraseri*

#1 1-2'	Re-pot into #5	Zones 7-10 \$8.80 (10)+
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Magnolia sieboldii

Oyama Magnolia

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

LP	Re-pot into #2-3	Zones 4-8 \$3.05 (50)+
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Magnolia tripetala

Umbrella Magnolia

The common name derives from its foliage, arranged in whorls to form an attractive parasol-like appearance. Flowers unremarkable and having a disagreeable odor. Shrubby habit but tree-like in size, this American native is sometimes confused with *Magnolia macrophylla* due to its large leaves, sometimes more than two ft. long. *M. macrophylla* leaves are silver beneath; these of the species are not.

#1 1-2'	Re-pot into #5	Zones 5-8 \$9.50 (10)+
#1 2-3'	#5	\$10.50 (10)+



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.

LP	Re-pot into #2-3	Zones 5-9 \$3.05 (50)+
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Magnolia virginiana Moonglow®

Moonglow® Sweetbay Magnolia 'Jim Wilson' PP12,065

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 blooms over a long period in late spring.

LP 1-2'	Re-pot into #3	Zones 3-9 \$6.40 (20)+
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Price includes a \$0.90 royalty

Magnolia xloebneri 'Leonard Messel'

Leonard Messel Magnolia

A choice cultivar: early-flowering, double pink. Compact in form, it flowers precociously and the leaves remain mildew-free throughout the summer. Wonderfully fragrant, frost-resistant flowers on this short, elegant tree means you need one by your own front door.

LP	Re-pot into #2-3	Zones 4-8 \$5.10 (50)+
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Magnolia xsoulangiana

Saucer Magnolia

Seedlings of the fertile hybrid, *M. denudata* x *M. liliiflora*. Many of the hybrids known and loved are *Magnolia soulangiana*, the Saucer Magnolia. Can be used as rootstock, sometimes preferred (vs. *M. kobus*) in the Southeast, given its warm and wetter summer soils.

LP Re-pot into #1-3 Zones 4-9 \$1.90 (50)+

MAHONIA

Mahonia aquifolium

Oregon Grape

Upright evergreen shrub with spiny leaves. Native in the Northwest, it benefits from occasional pruning to keep foliage clean and diminish its tendency to become overgrown. Native Americans used the stems and roots to make a yellow dye.

MP Re-pot into #1 Zones 5-8 \$0.90 (50)+

Mahonia gracilipes

Chinese Mahonia

Little known but widely acclaimed, this Asian Mahonia has brilliant white undersides on its dark green foliage and flowers both August and September with bright pink/yellow flowers. Evergreen, plants will reach 4-5 ft. tall and wide over time. They are slow growing and appreciate some shade.

MP Re-pot into #1-2 Zones 7-9 \$3.05 (50)+
LP Re-pot into #2-3 \$4.75 (20)+

Mahonia nervosa

Cascades Mahonia

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

MP Re-pot into #1 Zones 5-8 \$1.20 (50)+

Mahonia repens

Creeping Mahonia

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

MP Re-pot into #1 Zones 3-7 \$1.20 (50)+

Mahonia xmedia 'Charity'

Charity Mahonia

A hybrid of *M. japonica* and *M. lomariifolia*. 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 *M. bealei* so severely.

#1 Re-pot into #5 Zones 6-9 \$6.25 (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 fewer possibilities to brighten the garden. Offers bloom succession after 'Charity'.

#1 Re-pot into #5 Zones 6-9 \$6.25 (10)+



Frustrated with losses of bare-root Mahonia seedlings?

Try our MP grade plugs for an almost fool-proof result. →

- Five-month shipping window by UPS; nearly year-round local pickup
- Repot them on your schedule, not ours.
- Organize scarce labor resources better.
- Avoid unprofitable losses.
- More predictable annual crop for your production planning

Check out our Buried Treasures pages 64-66.

Sentinel Apples



MALUS

Malus 'Scarlet Sentinel' PBR 1144

Crisp, sweet, white flesh is found in the very large yellow green red blushed fruit of this columnar growing apple that is perfect for today's smaller gardens and patios.

	Re-pot into	Zones 5-9
3-4'	#5	\$10.45 (10)+
4-5'	#5	\$13.60 (10)+
Price includes a \$1.50 royalty		

Malus 'Golden Sentinel' PBR 1145

Large golden fruit ripen in October on these columnar growing trees that are perfect for patios and today's smaller gardens.

	Re-pot into	Zones 5-9
3-4'	#5	\$10.45 (10)+
4-5'	#5	\$13.60 (10)+
Price includes a \$1.50 royalty		

METASEQUOIA

Metasequoia glyptostroboides Dawn Redwood



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

MP	Re-pot into	Zones 5-8
	#1-2	\$1.65 (50)+

MICHELIA

Michelia laevifolia 'Inspiration'™

Inspiration™ Michelia

An upright grower with a dense habit, Inspiration™ adds a vertical effect for those tight areas in your landscape. Sweetly scented porcelain-like flowers bloom in spring. Not as tall as the species, reaching 8-10 ft. at maturity.

	Re-pot into	Zones 8-10
MP	#1-2	\$3.35 (50)+
#1 2-3'	#5	\$8.15 (10)+
Price includes a \$1.00 royalty		

Michelia laevifolia 'Warm Fuzzies'™

Warm Fuzzies™ Michelia

Imagine a 6-8 ft. evergreen shrub with a profusion of brown velvety buds that open to creamy-white, scented flowers. The dense habit of this variety puts it among the ranks of some of our favorite shrubs. Perfect for hedging.

	Re-pot into	Zones 8-10
MP	#1-2	\$3.35 (50)+
Price includes a \$1.00 royalty		

Michelia laevifolia 'Free Spirit' PP 24,534

Free Spirit Michelia

Very unique, this prostrate form only reaches 18-24 in. tall, but has a spread of 6-8 ft. Fragrant flowers are upward-facing and bloom prolifically from spring to early summer. A far reaching "free spirited" evergreen with fragrant, magnolia-like flowers, Free Spirit is in a class of its own. Can also be top grafted on *Michelia yunannensis*, making one of the most striking standards in the plant world!

	Re-pot into	Zones 8-10
MP	#1-2	\$3.35 (50)+
Price includes a \$1.00 royalty		



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 berries during colonial times, its best present use is as an easy foundation plant, where it will tolerate compact or infertile soils.

	Re-pot into	Zones 3-7
MP	#2	\$1.00 (50)+
1-2'	#2	\$1.00 (50)+

NYSSA

Nyssa sylvatica

Blackgum, Black Tupelo

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.

	Re-pot into	Zones 4-9
MP	#1	\$2.05 (50)+
2-3' TR	#3-5	\$3.15 (20)+

Nyssa sylvatica 'NSUHH' Green Gable™

Green Gable™ Black Tupelo PP22,951

Green Gable™ is a destined to be a great addition to American horticulture, with notably glossy foliage, beautiful fall color and, due to its dominant central leader, superior pyramidal form.

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

Price includes a \$1.85 royalty

Nyssa sylvatica 'Penwood Weeper'

Penwood Weeping Black Tupelo

Stephen Foltz found the original 60 yr. old, gracefully weeping tree in Lakeside Park, Kentucky. Pendulous branches create a graceful aspect to this upright-growing native American tree, reminiscent of a weeping cherry. A female selection, it is of great benefit to wildlife as well. Penwood Weeper's foliage is large, dark green and glossy all summer, and is attractive yellow and orange in autumn.

	Re-pot into	Zones 5-8
#1 2-3'	#5	\$15.00 (10)+

Nyssa sylvatica 'Sheri's Cloud'

Sheri's Cloud Variegated Black Tupelo

A lovely selection, its cream and white summer leaves turning pink and red in autumn. Found along an Arkansas roadside by Jeff Flanagan, affectionately named for his wife. Award of Merit, 2013 New Variety Showcase, Farwest Show.

	Re-pot into	Zones 5-8
#1 2-3'	#5	\$15.00 (10)+



Nyssa sylvatica Green Gable™

Nyssa sylv. 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 and is a full Zone hardier than other available cultivars.

	Re-pot into	Zones 4-9
#1 2-3'	#5	\$11.55 (10)+

Price includes 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
#1 2-3'	#5	\$10.55 (10)+





*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	Zones 5-9
SP	#1	\$1.15 (50)+
LP	#3	\$3.10 (50)+
2 YR TR	#5	\$5.50 (20)+

PAEONIA

Paeonia delaveyi

Maroon Tree Peony

Displays nodding, maroon 2 to 3 in. wonderfully fragrant flowers; plants grow to a mature height of 5-6 ft. Foliage is almost totally free of *Botrytis*, which can become unsightly in a wet spring on *P. suffruticosa*. Native to south-central China, where it is becoming increasingly rare due to root harvest for medicinal use. This species is also very rare in cultivation. We have made it a priority to grow this attractive, easy Chinese species and make seedlings available in wholesale quantities to the US garden trade.

	Re-pot into	Zones 6-8
SIZED FOR #1	#1	\$3.90 (10)+

Paeonia delaveyi var. *lutea*

Lemon-Yellow Tree Peony

Among the most delightful of all the plants we grow for its distinctive, light green, lacy foliage and elegant lemon-yellow fragrant 2-3 in. flowers. Now a rare plant in China due to over-collection of its roots for medicinal purposes. Leaf texture is much finer than *P. suffruticosa*, the most commonly offered of the tree peonies. It is not affected by leaf blights that so often disfigure other tree peonies in the PNW. Prefers a well-drained site in full sun. Hardy to 5°F.

	Re-pot into	Zones 6-8
SIZED FOR #1	#1	\$3.90 (10)+

Paeonia ostii 'Phoenix White'

Phoenix White Tree Peony

An extraordinary selection, flowering mid-spring on stout 3-4 ft. stems. The easiest to care for of the tree peonies we grow, it's especially effective in a border where the bold, almost pure white blooms can be appreciated against a backdrop of darker trees.

	Re-pot into	Zones 5-8
SIZED FOR #1	#1	\$3.90 (10)+

OEMLERIA

Oemleria cerasiformis

Indian Plum, Osoberry

Pacific Northwest native shrub that is among the first to leaf out in spring. Pendulous white flowers followed by multi-colored fruits of yellow, orange and blue-black that are rapidly eaten by the birds. Makes a fabulous ornamental plant for the border in Pacific NW gardens.

	Re-pot into	Zones 6-9
6-12"	#1	\$1.20 (50)+
1-2'	#2	\$1.50 (50)+
2-3'	#3	\$1.80 (50)+

OSTRYA

Ostrya virginiana

Ironwood, Eastern Hornbeam

A graceful, slow growing native tree that tolerates shade and grows to 40 ft. tall. Bark peels in vertical strips. Very easy to grow in the nursery and relatively fast to finish. Pleasing yellow fall color.

	Re-pot into	Zones 3-7
1-2' TR	#3	\$2.95 (20)+
2-3' TR	#3-5	\$3.25 (20)+
3-4' TR	#5	\$4.15 (20)+



Paeonia suffruticosa

Paeonia suffruticosa
"Mu Dan" or Tree Peony

Few flowering shrubs reward the gardener so richly for so little effort. In contrast to roses, tree peonies rarely require fertilizer, pruning, or summer watering. Foraging deer are becoming a major pest even in urban gardens, but deer find tree peonies unpalatable. Great cut branch items for their rich color variety and persistence in a kitchen vase.

LP	Re-pot into #1	Zones 4-8 \$5.90 (20)+
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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.

2-3'	Re-pot into #2	Zones 5-8 \$2.50 (50)+
3-4' TR	#5-7	\$3.70 (20)+

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.

LP 1-2'	Re-pot into #2	Zones 5-8 \$7.50 (10)+
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Parrotia p. Golden BellTowerTM PPAF 'Chrishaven1'

Golden BellTower Columnar Ironwood

A superior, tight form that stays columnar and flame shaped 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 30 ft. tall and 10 ft. wide over time. Makes an excellent choice for smaller yards, tight spots 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. Found and selected by our friend Ken Christianson over a decade ago.

	Re-pot into	Zones 5-8
#1 2-3'	#5	\$11.35 (10)+
#1 3-4'	#5	\$12.25 (10)+

Price includes a \$1.00 royalty



Parrotia persica Golden BellTowerTM



PARTHENOCISSUS



Parthenocissus quinquefolia Virginia Creeper

Leaves compound; five leaflets. Tenacious in all respects, this American native is a logical choice for nearly any difficult site where a vigorous vine might soften harsh structural lines or enliven a fence or screen.

	Re-pot into	Zones 4-8
3/16"	#1	\$0.70 (50)+
1/4"	#1	\$0.85 (50)+

Parthenocissus tricuspidata Boston Ivy

Leaves are 3-lobed, shiny green in summer and wine-red and orange in autumn. A vigorous vine of Japanese origin, despite its Yankee common name.

	Re-pot into	Zones 4-8
3/16"	#1	\$0.70 (50)+
1/4"	#1	\$0.85 (50)+

PINUS

Pinus pumila Dwarf Siberian Pine

Variable, slow growing five-needle pine, 2-8 ft. tall at maturity. Shrubby, quite handsome. Excellent rock garden plant and substitute for horticulturally inferior, but common Mugho Pine.

	Re-pot into	Zones 5-9
SP	#1	\$1.15 (50)+

PISTACIA

Pistacia chinensis Chinese Pistache

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

	Re-pot into	Zones 6-9
MP	#1	\$0.90 (50)+

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.

	Re-pot into	Zones 4-9
1-2'	#1	\$0.85 (50)+
2-3'	#1	\$1.15 (50)+

After mid-September, check our website for current availability.

POPULUS

Populus tremuloides

Quaking Aspen

Fast-growing but short-lived in the East; best growth and persistence in the West is under cold, dry conditions. Clear yellow fall color. One of the first trees to leaf out and last to drop its leaves.

MP	Re-pot into	Zones 2-8
	#1	\$0.90 (50)+

Populus tremula 'Erecta'

Upright Swedish Aspen

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

XP	Re-pot into	Zones 2-8
	#5	\$4.50 (10)+

PRUNUS

Prunus cerasifera 'Krauters Vesuvius'

Krauters 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	Zones 4-9
	#2	\$1.90 (50)+

Prunus maritima

Beach Plum

Its interesting that there aren't dozens of selections of Beach Plum! These twiggy shrubs, adaptable over a very wide range of conditions, are both showy in flower and in fruit. The plums are many colored and presented over a long time in summer. It is an up and coming plant that is for sure.

6-12"	Re-pot into	Zones 2-8
	#1	\$1.60 (50)+
1-2'	#3	\$1.85 (50)+

Prunus mume 'Bonita'

Bonita Flowering Apricot

Bright pink, large, semi-double flowers blossoming mid-season.

XP 3-4'	Re-pot into	Zones 6-9
	#5	\$9.30 (50)+

Prunus mume 'Kobai'

Kobai Flowering Apricot

Deep pink semi-double, early to mid-season bloomer, often sets fruit.

XP 3-4'	Re-pot into	Zones 6-9
	#5	\$9.30 (50)+



Pistacia chinensis

QUERCUS

Quercus Kindred Spirit® 'Nadler' PP17,664

Kindred Spirit® Hybrid 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 *Q. bicolor* liners with mycorrhizal roots, these have excellent survivability without significant transplant shock. *Q. robur* var. *fastigiata* x *Q. bicolor*.

4-5'	Re-pot into	Zones 4-8
	#7-10	\$15.05 (10)+

Price includes a \$1.00 royalty

Quercus Regal Prince® 'Long' PP12,673

Regal Prince® Hybrid 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. *Q. robur* var. *fastigiata* x *Q. bicolor*.

3-4'	Re-pot into	Zones 4-8
	#7	\$13.15 (10)+
4-5'	#7-10	\$15.05 (10)+

Price includes a \$1.00 royalty

Quercus acutissima

Sawtooth Oak

Widely planted in the US as wildlife food source because of its dependably heavy acorn crops. In some areas it may escape cultivation and displace native American woodland vegetation, so ask State Extension specialists in your market area before you decide to grow it.

3-4' TR	Re-pot into	Zones 3-8
	#5	\$7.10 (20)+



Quercus alba
White Oak



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

	Re-pot into	Zones 4-8
LP 4-6"	#2	\$1.80 (50)+
LP 6-12"	#2	\$2.20 (50)+

Quercus bicolor
Swamp White Oak

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

	Re-pot into	Zones 3-8
SP	band pot, #1	\$0.85 (50)+
LP 1/4"	#3	\$2.60 (50)+
3-4' TR	#5	\$5.75 (20)+
4-5' TR	#5	\$7.40 (20)+

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.

	Re-pot into	Zones 5-8
2-3' TR	#5	\$5.40 (50)+
3-4' TR	#7	\$7.10 (50)+

Quercus greggii (La Siberia strain)



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.

	Re-pot into	Zones 4-9
SP	#1	\$1.10 (50)+
LP 6-12"	#2	\$2.20 (50)+
LP 1-2'	#3	\$3.10 (50)+
2-3' TR	#5	\$5.40 (50)+
3-4' TR	#7	\$7.10 (20)+

Quercus dentata 'Pinnatifida'
Cutleaf Emperor Oak

Some European and Asian White Oak selections have dissected leaves, but none more than this oddity with its large, variable, deeply incised foliage. With time, it develops an open irregular crown that always turns heads. A great gift item for a few of your very best clients who will relish its uniqueness!

	Re-pot into	Zones 5-8
2-3'	#5	\$17.40 (10)+
3-4'	#5	\$19.70 (10)+

Quercus ellipsoidalis
Northern Pin Oak

Excellent bright maroon fall color. Shiny foliage, a 60-80 ft. tall tree at maturity that, unlike *Q. palustris*, thrives in alkaline soils. Tolerates wet or dry conditions.

	Re-pot into	Zones 3-7
2-3' TR	#5	\$3.90 (20)+
3-4' TR	#7	\$5.75 (20)+



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 Calapooya Indians, who gathered acorns by the ton and processed them to make thick soup and flatbread.

	Re-pot into	Zones 6-9
SP	#1	\$1.10 (50)+
LP 6-12"	#2-3	\$2.20 (50)+

Quercus glaucooides Lacey Oak, Smokey Oak

Native to west Texas at elevation, it isn't as hardy as other evergreen oaks we propagate. It has simple, mostly unlobed leaves that can be blue-gray. A Western-adapted tree.

	Re-pot into	Zones 7-10
LP 6-12"	#3	\$6.60 (20)+
LP 1-2'	#3	\$7.55 (20)+

Quercus greggii (La Siberia strain) La Siberia Strain Oak

Sean Hogan of Cistus Nursery in Portland, Oregon collected seed and named this strain from 10 ft. trees in a high mountain valley in Tamaulipas, Mexico. These seedlings are grown from seed of 25 ft. Portland trees grown out from his original seed expedition. The leaves are attractively fuzzy and crinkled on these slow growers. We would expect them to be much hardier than Zone 7, but we won't know until they're tested in colder regions. Everything about this oak is different than what you know of oak trees; growing like a shrub when conditions are harsh or a tree when given a little attention and irrigation. The evergreen foliage is small and rugged. It is a durable and adaptable plant.

	Re-pot into	Zones 7-10
#3 3-4'	#10	\$14.60 (10)+

Quercus hypoleucooides Silverleaf Oak



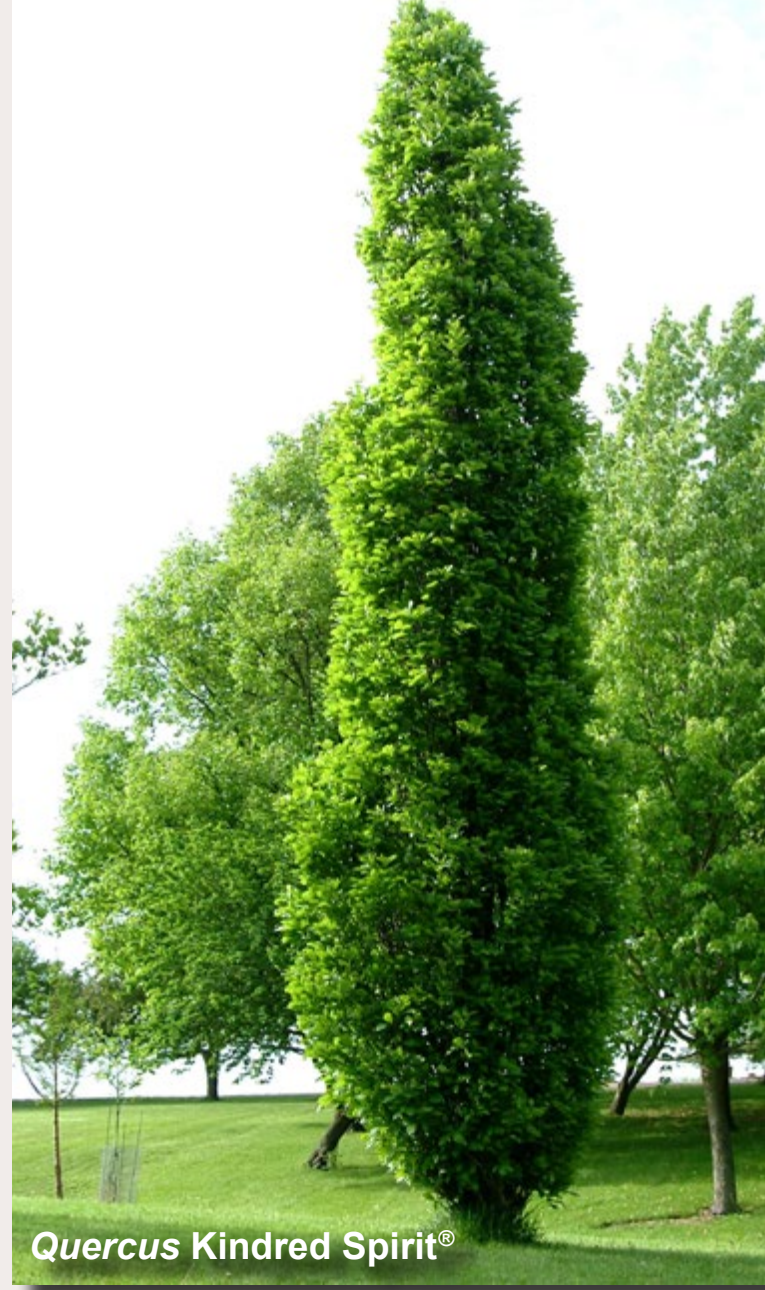
Native to upper elevations in the Davis Mountains of West Texas, this evergreen oak is widely adapted, forming shrubs where conditions are harsh - or a 40 ft. tree where more favorable. Deep dark green leaves are backed by white. Under-utilized, this tree is adapted to grow throughout much of the mild West.

	Re-pot into	Zones 7-10
#3 3-4'	#10	\$22.65 (10)+

Quercus ilex Holm Oak, Holly Oak

One of the hardiest evergreen oaks, its natural range is from the Mediterranean to Western Pakistan. The tree becomes huge and creates deep shade with dense pendulous branching and dark foliage. As the tree grows larger, some branch thinning makes for a pleasant, airy canopy on open-growing specimens.

	Re-pot into	Zones 7-10
LP 1-2'	#3	\$3.10 (50)+



Quercus Kindred Spirit®

Quercus john-tuckeri Tucker Oak

Extremely uncommon, native to the inner coastal area of Central California. It has evergreen spiny foliage. It is a scrub oak well adapted to drought and small gardens, also tolerant of higher pH.

	Re-pot into	Zones 7-11
LP1-2	#3	\$7.75 (20)+

Quercus macrocarpa Bur Oak (Missouri source)

Native across a broad range in the eastern US, it is consequently variable in leaf form, size and growth rate. Our seedlings are Missouri source. This patriarch forest tree is best for parks and large, open landscapes. **We offer seedlings from several sources.**

	Re-pot into	Zones 4-9
LP 6-12"	#3	\$1.95 (50)+
LP 1-2'	#3	\$2.75 (50)+



Quercus phellos

Quercus macrocarpa

Bur Oak (Northeast US source)

	Re-pot into	
LP 1-2'	#3	Zones 3-8
3-4' TR	#7	\$2.75 (50)+
		\$5.75 (20)+

Quercus macrocarpa

Bur Oak (North Dakota source)

	Re-pot into	
LP 1-2'	#3	Zones 3-8
3-4' TR	#7	\$2.75 (50)+
		\$5.75 (20)+

Quercus muehlenbergii

Chinkapin Oak

Dark green foliage with white underside, turning yellow-orange-brown in fall. The large leaves are 4-7 in. long. Bark is ashy gray. Uo 50 ft. tall at maturity.

	Re-pot into	
LP 6-12"	#3	Zones 4-7
		\$1.95 (50)+

Quercus oblongifolia

Sonoran Blue Oak

The foliage is blue-gray. With a limited distribution in southern NM down into Mexico, it is tolerant of heat and drought. Certainly adapted to much of the milder parts of the West.

	Re-pot into	
LP 6-12"	#3	Zones 7-10
		\$6.60 (50)+



Quercus palustris

Pin Oak

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

	Re-pot into	
SP	#1	Zones 5-8
LP 1-2'	#3	\$0.85 (50)+
3-4' TR	#7	\$2.75 (50)+
4-5' TR	#7-10	\$5.75 (20)+
		\$7.40 (20)+

Quercus phellos

Willow Oak

A fine-textured tree with high branches, it makes a great specimen for a lawn or along a roadside. 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	
SP	#1	Zones 5-9
LP 6-12"	#3	\$0.85 (50)+
LP 1-2'	#3	\$1.95 (50)+
3-4' TR	#7	\$2.75 (50)+
4-5' TR	#7-10	\$5.75 (20)+
		\$7.40 (20)+

Quercus polymorpha

Monterey Oak

Native to West Texas, semi-evergreen. Recommended as a substitute for *Q. virginiana* (Southern Live Oak) due to its resistance to Oak Wilt. Grows to 50 ft. tall.

	Re-pot into	
LP 6-12"	#3	Zones 7-10
LP 1-2'	#3	\$6.60 (20)+
		\$7.55 (20)+



Quercus prinus (Q. montana)

Chestnut Oak

Also known as Basket Oak, the wood of this tree splits easily into strips of great strength. In the South it was once used to make hundreds of thousands of baskets for packing cotton from the field. Its utility in bygone generations is now eclipsed by its great ornamental beauty. Performs well even in poor, rocky soil.

	Re-pot into	Zones 4-8
LP 6-12"	#3	\$1.95 (50)+
LP 1-2'	#3	\$2.75 (50)+
3-4' TR	#7	\$5.75 (20)+
4-5' TR	#7-10	\$7.40 (20)+

Quercus rubra

Northern Red Oak



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

	Re-pot into	Zones 3-9
SP	#1	\$0.85 (50)+
LP 6-12"	#2	\$1.95 (50)+
LP 1-2'	#3	\$2.75 (50)+
3-4' TR	#7	\$5.75 (20)+
4-5' TR	#7-10	\$7.40 (20)+



Large Plug Oak

Quercus shumardii

Shumard Oak

Easier to transplant than most oaks, it also grows well in soils up to pH 8.0. In form and growth rate it is typical of Scarlet Oak, but usually grows to only 50 ft. tall.

	Re-pot into	Zones 5-9
LP 6-12"	#2	\$1.95 (50)+
LP 1-2'	#3	\$2.75 (50)+

Quercus suber

Cork Oak

Native range is Southwest Europe and northwest Africa, but it is completely at home in warmer regions of North America. Its corky bark can be sustainably harvested every 10 years or so. Frost sensitive, it must be grown in warm climates. A tree of exceptional ornamental beauty for its bark and handsome foliage.

	Re-pot into	Zones 7-10
LP 6-12"	#1	\$2.20 (50)+
LP 1-2'	#3	\$3.10 (50)+
#3 3-4'	#10	\$10.75 (10)+
#3 4-5'	#10	\$13.40 (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. Let us know if you prefer other arrangements.



Quercus suber

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	Zones 3-9
SP	#1	\$1.10 (50)+
LP 6-12"	#3	\$2.20 (50)+
3-4' TR	#7	\$7.10 (20)+

Quercus xbimundorum

Prairie Stature® 'Midwest'

Prairie Stature® Hybrid Oak

With extreme hardiness and great adaptability to the harsh conditions of the North American plains this has only recently been released after years of observation. It has dark green semi-glossy leaves, moderate growth of only 14 in. annually and a semi-mature height of 30 to 40 ft. in 25 years.

	Re-pot into	Zones 3-8
3-4'	#7	\$13.10 (10)+
Price includes a \$0.95 royalty		

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	Zones 4-8
3-4'	#7	\$14.65 (10)+
Price includes a \$1.80 royalty		

Quercus xwarei 'Chimney Fire'

Chimney Fire Oak

Selected at Starhill Forest Arboretum by Guy Sternberg for its good columnar habit and exceptional fall color. Here in Oregon we have noted its ability to grow very rapidly but with straight stems, while other columnar selections have the habit of having wavy growth similar to *Q. robur* var. *fastigiata*. Indeed the fall color is a stand out of among oaks for us, with yellows, orange and some red. The retained winter foliage is darker by several shades when compared to other oaks.

	Re-pot into	Zones 4-8
4-5'	#7	\$15.85 (10)+
Price includes a \$1.80 royalty		

Quercus xwarei 'Windcandle'

Windcandle Oak

Also selected at Starhill Forest Arboretum by Guy Sternberg for its narrow and upright growth. The much shinier foliage is a little smaller than the other selections with smaller lobes.

	Re-pot into	Zones 4-8
4-5'	#7	\$15.20 (10)+
Price includes a \$1.80 royalty		

RHAMNUS

Rhamnus purshiana

Cascara Buckthorn

Native in the Pacific Northwest, Cascara Buckthorn is a small tree that offers attractive small stature and abundant fruit for the birds. Easily grown and pest free in comparison to serviceberries.

	Re-pot into	Zones 4-9
1-2'	#3	\$1.00 (50)+
2-3'	#5	\$1.30 (50)+

ROSA

Rosa glauca (R. rubrifolia)

Redleaf Rose



Small single pink flowers on arching, 6 ft. canes and purple foliage with a bluish cast. Seedlings should be selected for dark purple flowers and disease resistance. Grow it in an open site where it will get lots of sun.

	Re-pot into	Zones 3-7
6-12"	#1	\$0.65 (50)+
1-2'	#3	\$0.75 (50)+

Rosa Magical® Bullet 'KOLMAGIBU'

Magical® Bullet Rose

We're pleased to have these select roses from Plants Nouveau. Bullet is a dual-use, thorn-less climber with small red hips. Its most common use will be for cut branch sales, but some will also want to plant them for home use. Small white flowers followed by heavy crops of fruit.

	Re-pot into	Zones 4-9
LP	#3	\$5.30 (50)+
Price includes a \$2.25 royalty		



Rosa Magical® Pearls 'KOLMAGIP'

Magical® Pearl Rose

Super shiny orange-red hips are held strongly in sprays containing hundreds of fruits per stem. The small, persistent, pearl-sized fruits are perfect for fall arrangements and winter weddings. The branches of this robust plant are sturdy and will hold the fruits upright, even though they're loaded from top to bottom.

LP Re-pot into #3 Zones 4-9
\$5.30 (50)+
Price includes a \$2.25 royalty

Rosa Magical® Gold 'KOLMAGOL'

Magical® Gold Rose

Quite similar to Bullet, Gold is a dual-use thorn less climber with small gold hips. Its most common use will be for cut branch sales, but some will also want to plant them for home use. Small white flowers followed by heavy crops of fruit.

LP Re-pot into #3 Zones 4-9
\$5.30 (50)+
Price includes a \$2.25 royalty

Rosa nutkana

Nootka Rose

American wild rose, native to both sides of the Cascades, Alaska to California. Single pink flowers with a pleasing rose aroma. Wet site tolerant.

6-12" Re-pot into #1 Zones 4-8
1-2' #3 \$0.65 (50)+
\$0.75 (50)+

Rosa rugosa

Pink Rugosa Rose

This is about the toughest plant we list, also extremely cold hardy. When pruned to the ground every 3-4 yrs., the stems re-grow with clean, bright foliage. Flowers never lose their timeless appeal, and dried petals make excellent potpourri.

6-12" Re-pot into #1 Zones 2-8
1-2' #3 \$0.65 (50)+
\$0.75 (50)+

SCHEFFLERA

Schefflera delavayi

Delavay's Schefflera

This bold *Schefflera* is surprisingly hardy despite its SE China and Vietnam native range. Outdoors, it gets a lot of attention because it looks like an out-of-place evergreen houseplant. Large compound leaves - up to 3 ft. across on low branches. This shrub can grow ultimately to 15 ft., blossoming in October with tiny white fragrant flowers in long decorative sprays. New leaves are covered in tan indumentum.

#1 Re-pot into #5 Zones 7-10
\$11.40 (20)+



Stewartia monadelphica

SOPHORA

Sophora japonica

Japanese Pagodatree

Lacy foliage, yet remarkably tough constitution. Makes an excellent shade tree for high stress urban areas where *Carpinus*, *Tilia* and *Ginkgo* are the few other stress-tolerant candidates. Broad crown, medium height.

MP Re-pot into #1 Zones 5-8
\$1.35 (50)+

STEWARTIA

Stewartia monadelphica

Tall Stewartia



A crowning jewel for the connoisseur's garden. Tall *Stewartia* differs from the larger, more commonly encountered species *Stewartia pseudocamellia* with its smooth, reddish brown bark and smaller leaves, flowers are more abundant and smaller. Charming muted maroon fall color, even in the South. This tree is perfectly planted in afternoon-shaded loose, organic soil or near a woods-edge. Alongside an old rotted tree stump is perfect. It will NOT tolerate wet or compacted soil in the immediate vicinity of home or street construction. Yet, with thoughtful planting care and judicious watering practice, few small trees are as tastefully gracious in their full-season garden appeal.

1-2' Re-pot into #2 Zones 6-8
2-3' #3 \$4.45 (50)+
3-4' TR #7 \$6.40 (20)+
\$11.95 (10)+



Stewartia pseudocamellia Japanese Stewartia



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

	Re-pot into	Zones 4-7
1-2'	#1-2	\$3.90 (50)+
2-3'	#3-5	\$5.50 (50)+
2-3' TR	#5	\$7.20 (20)+
3-4' TR	#7	\$11.05 (20)+

Stewartia pseudo. var. koreana Korean Stewartia



In our experience, a bit more compact-growing than wild-source Japanese *Stewartia* seedlings. Otherwise, its landscape attributes are essentially equivalent. Interestingly, our plants thrive on soils approaching pH 6.5 despite this genus being erroneously described as requiring acidic soil. An exceptional candidate for a large wooden box on a patio with late afternoon shade.

	Re-pot into	Zones 5-7
2-3' TR	#5	\$8.65 (20)+
3-4' TR	#7	\$11.95 (20)+

Stewartia sinensis Chinese Stewartia

With its tight internodes it develops a somewhat shrubby character, but 6-7 years from a liner, becomes a handsome small tree. Flowers the size of a quarter, but they literally cover the tree at eye-level. The foliage is tinged bronze as spring unfolds, and fall color is a muted maroon. Flaky cinnamon-colored bark offers attractive winter interest.

	Re-pot into	Zones 5-7
1-2'	#3	\$4.45 (50)+

STYRAX *Styrax japonicus* Japanese Snowbell

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

	Re-pot into	Zones 5-9
MP	#1	\$1.35 (50)+
3/16"	#1	\$0.95 (50)+
1/4"	#1-2	\$1.05 (50)+

SYMPHORICARPOS

Symphoricarpos albus

Snowberry

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

	Re-pot into	Zones 3-7
1-2'	#2	\$0.75 (50)+

SYRINGA

Syringa pekinensis 'WFH2' **Great Wall™** PPAF **Great Wall™ Lilac**

From Ohio nurseryman extraordinaire Bill Hendricks, Klyn Nursery. Great Wall Lilac is impressive, with shiny bronze exfoliating bark, fragrant white flowers held in large clusters, and attractive form. 20 ft. tall and exceptionally hardy - Zone 3!

	Re-pot into	Zones 3-8
2-3'	#1	\$11.55 (10)+
3-4'	#1	\$12.65 (10)+

Price includes a \$1.00 royalty

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	Zones 3-7
1/8"	#1	\$1.65 (50)+
3/16"	#1	\$2.05 (50)+
3/16" TR	#1-2	\$2.65 (50)+
1/4" TR	#1-2	\$2.95 (50)+



Styrax japonicus

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	Zones 3-8
MP	#1-2	\$3.35 (50)+
2 YR TR	#5	\$8.25 (20)+

Price includes a \$0.75 royalty

Syringa reticulata **'Ivory Silk'** **Ivory Silk Japanese Tree Lilac**



Handsome foliage and abundant creamy white flowers. Grows to 20 ft., but does not tolerate hot, dry sites well.

	Re-pot into	Zones 3-7
XP 1-2'	#5	\$4.30 (10)+
XP 2-3'	#5	\$5.15 (10)+
3-4' TR	#7	\$6.50 (10)+



Syringa 'Ivory Silk'
Large Plug

TAXODIUM

Taxodium ascendens Debonair®

'Morris' PPAF



Debonair® Pond Cypress

Red-brown fall color, medium-green in summer, foliage more delicate in texture than Baldcypress. Hardier than Prairie Sentinel, to -28°F and seedless.

	Re-pot into	Zones 5-9
2-3'	#7	\$11.40 (10)+
3-4'	#10	\$12.85 (10)+

Price includes a \$0.90 royalty

Taxodium distichum

Baldcypress



Durable deciduous conifer adapted to colder climates and drier soils than those in its native Southeast. Best planted where it can develop unhindered, as it is naturally a large tree. Amazingly, it thrives from upstate New York to the High Plains of Texas and south to Florida. Lumber is highly prized for its decay resistance.

Despite its large stature, its landscape appeal is evident in its lacy foliage texture, which becomes a handsome, distinctive blend of green, yellow and brown in autumn. The shaggy bark and bold architecture of its branches lend striking winter interest. Trouble-free, easy to grow and transplant if root-pruned or containerized.

	Re-pot into	Zones 5-10
3/16"	#1-2	\$0.95 (50)+
1/4"	#2	\$1.15 (50)+

Taxodium distichum 'Falling Waters'

Falling Waters Baldcypress

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

	Re-pot into	Zones 5-10
2-3'	#7	\$10.50 (10)+
3-4'	#10	\$11.95 (10)+

Taxodium distichum

Apache Chief® 'Nelson' P.P12,502

Apache Chief® Baldcypress

Landscape designers love this clone for its stately pyramidal form. A fast grower with a broad spreading crown, it will get 50+ ft. tall but maintain a dependable central leader. A fast grower, it's much broader than Shawnee Brave.

	Re-pot into	Zones 5-10
2-3'	#7	\$11.50 (10)+
3-4'	#10	\$12.95 (10)+

Price includes a \$1.00 royalty

Taxodium distichum 'Peve Minaret'

Peve Minaret Baldcypress

Not really a dwarf, but a slow growing, intriguing upright variety. Excellent focus plant for a water garden, given that it tolerates flooded roots.

	Re-pot into	Zones 5-10
1-2'	#5	\$15.95 (10)+
2-3'	#7	\$18.05 (10)+
3-4'	#10	\$19.50 (10)+

Taxodium distichum Shawnee Brave™

'Mickleson'

Shawnee Brave™ Baldcypress

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

	Re-pot into	Zones 5-10
2-3'	#7	\$11.35 (10)+
3-4'	#10	\$12.80 (10)+

Price includes a \$0.85 royalty

TETRACENTRON

Tetracentron sinense

Tetracentron

Similar in appearance to Katsura but in a different plant family, it's a very attractive deciduous tree. It has a broad arching canopy and alternate foliage borne on spurs, so even old branches will sprout a new leaf in the very same spot as the year before. Clear yellow autumn color and no pest problems. We hear that it may not like the humidity and heat of the Southeast.

	Re-pot into	Zones 6-8
MP	#1-3	\$3.00 (50)+

THUJA

Thuja plicata 'Excelsa'

Excelsa Western Red-cedar

Found in Germany, this American red cedar has good winter hardiness and a soft, airy look as it grows. Winter color is deeper green than with seedlings, and the plants do fine if pruned into a hedge.

	Re-pot into	Zones 4-7
LP	#5	\$4.00 (50)+

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	Zones 3-9
MP	#1	\$2.45 (50)+
3-4' TR	#7-10	\$11.90 (20)+

VIBURNUM

Viburnum dentatum

Arrowwood Viburnum

Native to a wide area of Eastern North America, this shrub is now widely used for restoration planting and is an important landscape item to provide food for wildlife.

	Re-pot into	Zones 2-8
1-2' TR	#3-5	\$2.90 (20)+
2-3' TR	#3-5	\$3.45 (10)+

WISTERIA

Wisteria frutescens 'Amethyst Falls'

Amethyst Falls Wisteria

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

	Re-pot into	Zones 5-9
LP	#5	\$4.10 (20)+

Wisteria macrostachya 'Blue Moon'

Blue Moon Kentucky Wisteria

Blooms 2-3 times during summer months. Cold hardy with medium green leaves and lavender-blue flowers on 10-12 in. racemes.

	Re-pot into	Zones 5-9
LP	#5	\$4.10 (20)+

Wisteria sinensis

Purple Chinese Wisteria

Chinese *Wisteria* is an attractive flowering vine, its 6-12 in. pendulous blooms opening to a blue-violet, all at one time. This plant may self-seed, but is not as weedy as *Wisteria floribunda*. We suggest using it as a rootstock only.

	Re-pot into	Zones 5-8
1/8"	#1, band pot	\$0.80 (50)+
3/16"	#1, band pot	\$0.90 (50)+



Wisteria macrostachya 'Blue Moon'

ZELKOVA

Zelkova serrata

Japanese Zelkova

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

	Re-pot into	Zones 5-8
MP	band pot, #1	\$1.00 (50)+

Zelkova serrata 'Ogon'

Ogon Zelkova

While the new growth is bright yellow at emergence and amber throughout summer, dormant twigs are the unexpected end of season bonus for this tree. Bark is golden rather than the expected cement color. Vigor is not diminished in this cultivar, easily reaching 40 ft. tall.

	Re-pot into	Zones 5-8
5-6'	#10	\$13.25 (10)+

Zelkova serrata Village Green™

Village Green™ Zelkova

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

	Re-pot into	Zones 5-8
4-5'	#7-10	\$12.80 (10)+
5-6'	#10	\$13.75 (10)+

Price includes a \$0.50 royalty





PERENNIALS

Dierama pulcherrimum

ARISAEMA

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.

7-9cm
9-11cm

Re-pot into
4"- QT
#1

Zones 6-9
\$0.80 (50)+
\$1.00 (50)+

ASARUM

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.

MP

Re-pot into
#1

Zones 7-10
\$1.85 (50)+

ASCLEPIAS

Asclepias speciosa Showy Milkweed

The Monarch butterfly host plant with great retail appeal, so it's easy to sell. It is unusual and showy with 3-in., globes of pink-tinged, star-shaped flowers. This increasingly rare plant is the only genus on which Monarch butterflies will deposit eggs. The nectar-filled flowers, opening late summer, exude a pleasing sweet fragrance and produce magnificent seed pods. 2-3 ft. tall.

MP

Re-pot into
#1

Zones 3-9
\$0.95 (50)+

BEGONIA

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.

MP

Re-pot into
#1

Zones 6-10
\$1.85 (50)+

DIERAMA

Dierama pulcherrimum Angel's Fishing Wand

Dierama has unmatched elegance with evergreen grass-like foliage, and in summer, tall spikes of pendulous pink flowers favored by hummingbirds. Plant in well-drained soil in full sun. Leave undisturbed for best flowering. 4-5 ft. at maturity.

CORM

Re-pot into
#1

Zones 7-9
\$1.25 (50)+

DISPORUM

Disporum longistylum 'Night Heron' Night Heron Disporum

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

MP

Re-pot into
#1

Zones 6-9
\$2.50 (50)+

Size

PLUGS



SP

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



LP

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



SP

Small Plug
73 cell tray
1.3 in. wide
2.7 in. deep
2.2 cu. in.



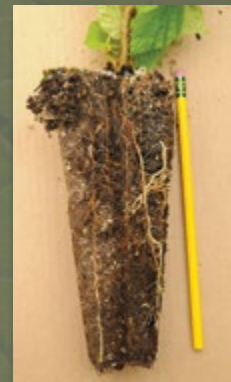
LP

Large Plug
band pot
2.4 in. wide
5.5 in. deep
25 cu. in.



MP

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



LP

Large Plug
"12 pak" tray
3 in. wide
7.1 in. deep
40 cu. in.



DP

Deep Plug
60 cell tray
1.9 in. wide
6.7 in. deep
14 cu. in.



XP

X Plug
"6 pak" tray
4.3 in. wide
7.9 in. deep
97 cu. in.

Guide

BARE ROOT



2YR TR
2 year
transplants



1-2' #1 WHIP
1 year whips



3-4' LT BRCH
2 year light
branched



3-4' BRCH
2 year
field grown



4-5' HVY BRCH
3-4 year
field grown

Bare Root Grading

Size	Stem caliper just above soil line
1/8 in. caliper	1/8 to 3/16 in.
3/16 in. caliper	3/16 to 1/4 in.
1/4 in. caliper	1/4 to 3/8 in.
3/8 in. caliper	3/8 to 1/2 in.

Buried Treasures

Order early for best selection.

Species	Size	Price	Whsl Qty.	Species	Size	Price	Whsl Qty.
<i>Acer buergerianum</i>	2-3' TR	\$2.10	50	<i>Acer palmatum</i> 'Shin deshojo'	#1 2-3' WHIP	\$11.05	10
	3-4' TR	\$2.55	50		#1 3-4' WHIP	\$13.00	10
<i>Acer circinatum</i> 'Pacific Fire'	#1 2-3'	\$17.35	10	<i>Acer palmatum</i> 'Shishi yatsubusa'	#1 3-4' WHIP	\$17.40	10
	#1 3-4'	\$19.95	10	<i>Acer palmatum</i> 'Villa Taranto'	#1 2-3' LT BRCH	\$17.25	10
<i>Acer circinatum</i> 'Pacific Sprite'	#1 2-3'	\$10.35	10	#1 3-4' LT BRCH	\$20.05	10	
	#1 3-4'	\$11.90	10	<i>Acer palmatum</i> Dragon Tears™	#1 2-3' WHIP	\$16.25	10
<i>Acer diabolicum</i>	1-2'	\$4.75	50	#1 3-4' LT BRCH	\$21.30	10	
	2-3'	\$5.25	50	<i>Acer rufinerve</i> 'Winter Gold'	MP	\$3.30	50
<i>Acer griseum</i>	6-12"	\$2.50	50	seedlings			
	1-2'	\$3.60	50	<i>Acer shirasawanum</i> 'Aureum'	#1 2-3' LT BRCH	\$20.35	10
	1-2' TR	\$4.00	20	#1 3-4' LT BRCH	\$22.95	10	
	2-3'	\$4.10	50	<i>Aesculus xneglecta</i>	#1 6-12"	\$11.25	10
	2-3' TR	\$5.25	20	'Erythroblastos'			
	3-4'	\$5.90	20	#1 1-2'	\$12.40	10	
<i>Acer japonicum</i> 'Attaryi'	4-5'	\$7.15	20	<i>Arbutus menziesii</i>	MP	\$1.65	50
	#1 2-3' WHIP	\$10.35	10	<i>Arbutus unedo</i>	MP	\$1.35	50
<i>Acer japonicum</i> 'Green Cascade'	#1 3-4' WHIP	\$11.90	10	<i>Carpinus fargesiana</i>	1-2'	\$6.00	50
	#1 2-3' WHIP	\$10.35	10	2-3'	\$7.00	50	
<i>Acer japonicum</i> 'Green Cascade'	#1 3-4' WHIP	\$11.90	10	<i>Castanea sativa</i>	XP 1-2'	\$5.10	10
	#1 3-4' LT BRCH	\$13.50	10	XP 2-3'	\$6.00	10	
	#1 2-3'	\$28.35	10	<i>Catalpa speciosa</i>	1-2'	\$1.40	50
<i>Acer macrophyllum</i> 'Golden Riddle'				2-3'	\$1.85	50	
<i>Acer macrophyllum</i> 'Santiam Snows'	#1 2-3'	\$28.35	10	<i>Chimonanthus praecox</i>	6-12"	\$0.85	50
<i>Acer negundo</i>	MP	\$0.90	50	1-2'	\$1.00	50	
<i>Acer palmatum</i> 'Azuma murasaki'	#1 3-4' WHIP	\$11.90	10	<i>Chionanthus virginicus</i> 'White Knight'	1-2'	\$14.25	10
<i>Acer palmatum</i> 'Butterfly'	#1 2-3' LT BRCH	\$10.05	10	2-3'	\$16.75	10	
<i>Acer palmatum</i> 'Hefner's Red'	#1 2-3' WHIP	\$15.00	10	3-4'	\$19.50	10	
	#1 3-4' WHIP	\$17.40	10	<i>Clethra alnifolia</i> 'Ruby Spice'	LP	\$2.00	50
<i>Acer palmatum</i> 'Hogyoku'	#1 2-3' LT BRCH	\$10.05	10	<i>Cornus</i> Aurora®	#1 2-3'	\$13.25	10
	#1 3-4' LT BRCH	\$11.90	10	#1 3-4'	\$15.45	10	
<i>Acer palmatum</i> 'Jeddeloh Orange'	#1 2-3' WHIP	\$15.00	10	<i>Cornus florida</i>	MP 1/8"	\$0.90	50
	#1 3-4' WHIP	\$17.40	10	MP 3/16"	\$1.00	50	
<i>Acer palmatum</i> 'Karasu gawa'	#1 3-4' LT BRCH	\$20.05	10	<i>Cornus florida</i> 'Cherokee Princess'	#1 1-2'	\$10.40	10
<i>Acer palmatum</i> 'Kasagi yama'	#1 2-3' LT BRCH	\$11.90	10	#1 2-3'	\$12.75	10	
	#1 3-4' LT BRCH	\$13.50	10	1-2'	\$10.40	10	
<i>Acer palmatum</i> 'Ojishi'	#1 2-3' LT BRCH	\$17.25	10	2-3'	\$12.75	10	
<i>Acer palmatum</i> 'Red Filigree Lace'	#1 2-3' LT BRCH	\$17.25	10	<i>Cornus florida</i> Red Pygmy®	#1 1-2'	\$16.75	10
<i>Acer palmatum</i> 'Red Pygmy'	#1 3-4' LT BRCH	\$13.50	10	#1 2-3'	\$17.90	10	
<i>Acer palmatum</i> 'Seiryu'	#1 2-3' WHIP	\$10.35	10	<i>Cornus mas</i>	1/4"	\$1.25	50
	#1 3-4' WHIP	\$11.90	10	3/16"	\$0.90	50	
				<i>Cornus mas</i> 'Golden Glory'	2-3'	\$12.75	10

Buried Treasures

Order early for best selection.

Species	Size	Price	Whsl Qty.	Species	Size	Price	Whsl Qty.
<i>Cornus mas</i> 'Golden Glory'	3-4'	\$14.70	10	<i>Liriodendron tulipifera</i> 'Little Volunteer'	1-2'	\$20.00	10
<i>Cornus mas</i> 'Variegata'	2-3'	\$16.90	10		2-3'	\$22.00	10
	3-4'	\$18.05	10	<i>Magnolia</i> 'Lois'	#1 2-3'	\$15.05	10
<i>Cornus nuttallii</i>	LP 1/8"	\$1.85	50		#1 3-4'	\$17.40	10
	LP 3/16"	\$2.10	50	<i>Magnolia</i> 'Rose Marie'	#1 2-3'	\$13.75	10
<i>Cornus officinalis</i>	6-12"	\$2.30	50		#1 3-4'	\$16.05	10
	1-2'	\$2.65	50	<i>Magnolia</i> 'Sunset Swirl'	#1 2-3'	\$13.75	10
<i>Cotinus coggygria</i> Golden Spirit®	LP	\$3.60	50	<i>Magnolia</i> 'Vulcan'	#1 2-3'	\$12.30	10
	2 YR TR	\$4.55	20		#1 3-4'	\$14.60	10
<i>Cupressus goveniana</i> ssp. <i>pygmaea</i>	LP	\$4.95	20	<i>Magnolia campbellii</i> 'Kew's Surprise'	#1 2-3'	\$12.75	10
<i>Daphne tangutica</i>	#1	\$11.05	10		#1 3-4'	\$15.05	10
<i>Dichroa febrifuga</i>	MP RC	\$2.00	50	<i>Magnolia grandiflora</i> 'Braken's Brown Beauty'	XP 1-2'	\$6.65	10
<i>Dirca palustris</i>	LP	\$9.15	20	<i>Magnolia grandiflora</i> 'Kay Parris'	XP 1-2'	\$6.65	10
<i>Ficus afghanistanica</i> 'Silver Lyre'	MP	\$3.20	50	<i>Magnolia insignis</i>	#1 2-3'	\$7.05	10
<i>Fraxinus latifolia</i>	1-2'	\$0.75	50		LP	\$4.95	20
	2-3'	\$0.90	50	<i>Magnolia sieboldii</i> ('Colossus' seedling)	LP	\$4.10	20
<i>Ginkgo biloba</i> 'Elmwood'	LP 1-2'	\$10.50	10	<i>Magnolia stellata</i> 'Pink Stardust'	MP RC	\$2.30	50
<i>Ginkgo biloba</i> 'Jade Butterflies'	LP 1-2'	\$10.50	10	<i>Magnolia stellata</i> 'Waterlily'	LP RC	\$5.10	50
<i>Halesia tetraptera</i> f. <i>rosea</i>	6-12"	\$4.50	50	<i>Magnolia xloebneri</i> 'White Rose'	LP RC	\$10.75	20
	1-2'	\$5.80	50	<i>Mahonia pinnata</i> ssp. <i>insularis</i> 'Schnilemoon'	#1	\$6.45	10
<i>Hamamelis xintermedia</i> 'Sunburst'	XP 1-2'	\$10.30	10	<i>Mahonia xmedia</i> 'Arthur Menzies'	#1	\$6.25	10
<i>Hydrangea</i> 'Everlasting® Noblesse'	#1	\$5.65	10	<i>Metasequoia glyptostroboides</i> 'Ogon'	XP 6-12"	\$12.50	10
<i>Hydrangea</i> 'Everlasting® Garnet'	#1	\$5.65	10		XP 1-2'	\$13.85	10
<i>Hydrangea quercifolia</i> 'Alice'	2 YR TR	\$4.00	20	<i>Paeonia ludlowii</i>	SIZED FOR #1	\$3.90	10
<i>Hydrangea quercifolia</i> 'Amethyst'	MP	\$2.05	50		LP	\$3.90	20
	2 YR TR	\$4.00	20	<i>Paeonia suffruticosa</i>	SIZED FOR #1	\$7.15	10
<i>Hydrangea serrata</i> 'Kiyosumi'	MP RC	\$2.00	50	<i>Pistacia chinensis</i> 'Keith Davey'	XP 6-12"	\$10.45	10
<i>Hydrangea villosa</i>	MP	\$2.05	50		XP 1-2'	\$11.60	10
<i>Ilex verticillata</i> 'Southern Gentleman'	LP	\$3.00	20	<i>Platanus xhispanica</i> 'Suttneri'	XP 1-2' RC	\$6.40	10
<i>Ilex verticillata</i> 'Winter Red'	LP	\$3.00	20		XP 2-3' RC	\$7.20	10
<i>Indigofera kirilowii</i>	MP	\$1.95	50	<i>Poliathyrcis sinensis</i>	MP	\$4.00	50
<i>Koelreuteria paniculata</i> 'Coral Sun'	#1 1-2'	\$16.45	10	<i>Prunus mume</i>	1/4"	\$2.85	50
	#1 2-3'	\$17.60	10		3/16"	\$2.30	50
	#1 3-4'	\$18.75	10	<i>Prunus mume</i> 'Okitsu-akabana'	XP 2-3' RC	\$7.95	10
<i>Laburnum xwatereri</i> 'Sunspire'	2-3'	\$11.05	10		XP 3-4' RC	\$9.30	10
	3-4'	\$12.10	10	<i>Prunus mume</i> 'Omoi-no-mama'	XP 2-3' RC	\$7.95	10
<i>Liquidambar styraciflua</i> 'Gumball'	#1 1-2'	\$9.90	10		XP 3-4' RC	\$9.30	10
	#1 2-3'	\$11.05	10	<i>Quercus</i> 'Champion Seedless'	3-4'	\$15.30	10

your business!

Buried Treasures

Order early for best selection.

Species	Size	Price	Whsl Qty.	Species	Size	Price	Whsl Qty.
<i>Quercus</i> 'Champion Seedless'	4-5'	\$15.85	10	<i>Styrax japonicus</i> 'Emerald Pagoda'	#1 1-2'	\$15.45	10
TRUCK ONLY	5-6'	\$16.50	10		#1 2-3'	\$16.60	10
<i>Quercus</i> Castle Green®	2-3'	\$11.25	10	<i>Styrax japonicus</i> 'Evening Light'	XP 6-12"	\$15.50	10
	3-4'	\$13.15	10		XP 1-2'	\$17.05	10
	4-5'	\$15.05	10	<i>Styrax japonicus</i> 'Frosted Emerald'	XP 6-12"	\$14.00	10
<i>Quercus</i> Forest Knight®	3-4'	\$14.50	10		XP 1-2'	\$15.55	10
	4-5'	\$15.05	10	<i>Styrax japonicus</i> 'Pink Chimes'	XP 6-12"	\$14.00	10
TRUCK ONLY	5-6'	\$15.70	10		XP 1-2'	\$15.55	10
<i>Quercus</i> Triple Crown®	3-4'	\$13.15	10	<i>Styrax japonicus</i> 'Fragrant Fountain'	XP 6-12"	\$15.50	10
	4-5'	\$15.05	10		XP 1-2'	\$17.05	10
<i>Quercus prinoides</i> Prairie Pioneer®	1-2'	\$10.40	10	<i>Symphoricarpos</i> Magical®	LP 1-2'	\$3.80	20
	2-3'	\$12.35	10	Melody	MP	\$2.70	50
<i>Quercus robur</i> 'Concordia'	3-4'	\$15.90	10		MP	\$2.70	50
	4-5'	\$18.05	10	<i>Symphoricarpos</i> Magical® Pride	LP 1-2'	\$3.80	20
<i>Quercus robur</i> 'Filicifolia'	2-3'	\$13.70	10		XP 6-12"	\$9.05	10
	3-4'	\$15.90	10	<i>Taxodium ascendens</i> National Road™	XP 1-2'	\$10.15	10
<i>Quercus rubra</i> 'Golden Dragon'	2-3'	\$14.20	10		MP	\$2.20	50
	3-4'	\$15.25	10	<i>Trachelospermum asiaticum</i> 'Red Top'	MP	\$2.20	50
<i>Rhododendron schlippenbachii</i>	MP	\$1.65	50	<i>Trachelospermum asiaticum</i> 'Theta'	MP	\$2.00	50
<i>Rosa rugosa</i> var. <i>alba</i>	6-12"	\$0.65	50	<i>Umbellularia californica</i>	MP	\$2.00	50
	1-2'	\$0.75	50	<i>Zelkova serrata</i> 'Fastigiata'	XP 1-2'	\$8.70	10
<i>Sambucus caerulea</i>	2-3'	\$0.90	50		XP 2-3'	\$9.90	10
	3-4'	\$1.15	50	<i>Zelkova serrata</i> 'Green Mansions'	XP 1-2'	\$13.75	10
<i>Sambucus racemosa</i>	2-3'	\$1.00	50		XP 2-3'	\$15.60	10
	3-4'	\$1.40	50	<i>Zelkova serrata</i> 'Musachino'	4-5'	\$12.30	10
<i>Sciadopitys verticillata</i>	LP	\$7.75	20		TRUCK ONLY 5-6'	\$13.25	10
<i>Sophora japonica</i> 'Pendulum'	#1 1-2'	\$10.45	10				
	#1 2-3'	\$12.75	10				

Perennials

Species	Size	Price	Whsl Qty.
<i>Polygonatum odoratum</i> var. <i>pluriflorum</i> 'Variegatum'	1 EYE-DIVISION	\$1.90	50
<i>Rodgersia podophylla</i> 'Rotlaub'	1 EYE-DIVISION	\$1.90	50
<i>Vancouveria hexandra</i>	MP	\$2.20	50

The Fine Print

Minimum Order

- ✿ **WHOLESALE ONLY.** Minimum \$500. We no longer ship overseas, outside of North America. Prices FOB our nursery. Prices are higher for quantities fewer than minimums listed in catalog and availability lists.

Acknowledgments

- ✿ We will acknowledge your order soon after you place it. As actual 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. Despite these efforts, 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.
- ✿ 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 orders 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.
- ✿ PIA customers must prepay for plants and shipping costs based on our best estimate of total charges. Over-payment will be refunded or credited to a future order.
- ✿ 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.
- ✿ If your account terms are **NET** and you wish to pay by credit card please settle your account before the **invoice due date**. After the due date your 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 and declined credit cards.
- ✿ 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 January 1st - April 15th when plants are most dormant. We do not recommend bareroot shipments beyond April 15. Container grown plants can generally be shipped year-round. We will ship best way after careful review of weather, plant condition, your delivery flexibility, and freight cost. UPS 3 Day is your most secure transit investment. If you instruct us to ship by UPS Ground only, 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. Temperature monitors will be billed at \$25, and insurance at cost.
- ✿ We will charge you \$120 to arrange trucking.
- ✿ We can deliver your order within a 60 mile radius for \$150.
- ✿ Set your pick up date carefully, please. Give us at least two weeks notice when scheduling a pick up, 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 \$75 after 3 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

Cancellations

- ✿ We assemble orders 1 week before the scheduled ship week. Please give us advance courtesy notice of your 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 canceled and future orders may require a 50% deposit before confirmation.

Closing Comments

Rebates

We mail rebate checks in early August. Your rebate will be calculated for the sum of qualified orders between August 1 to July 31. To qualify, you must purchase on a volume basis and pay all invoices strictly within terms. Pay In Advance terms qualify for rebate.

Total Annual Purchases	Rebate %	Rebate Amount
<\$3,000	0	\$0
\$3,000 - 5,999	2	\$60 - 120
\$6,000 - 9,999	4	\$240 - 400
\$10,000 - 14,999	6	\$600 - 900
\$15,000 - 24,999	8	\$1,200 - 2,000
\$25,000+	10	\$2,500+

Please note: Rebates will be sent for nursery stock at established catalog prices and will not apply to charges for shipping and packing, royalty fees, and non-plant items. **To qualify, you must pay the full invoice amount with collectible funds and your payment must be post-marked by the due date listed on the invoice.**

If your order includes any of the following it will not qualify for a rebate:

- Post-dated check
- Payment by credit or debit card
- Purchase through a broker or sales rep
- Terms beyond Net 30 Days
- Special pricing/volume discounts
- Unauthorized deductions

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.

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 let us know within 90 days after delivery. Any discrepancies in counts or damage due to transit must be reported within 2 weeks 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. Keep in mind that bareroot claims may not be honored for plant shipments after April 15.

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; an adventure at times both painful and exhilarating. Because of YOU we have hopes for a bright future.

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

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.

Office & Mailing

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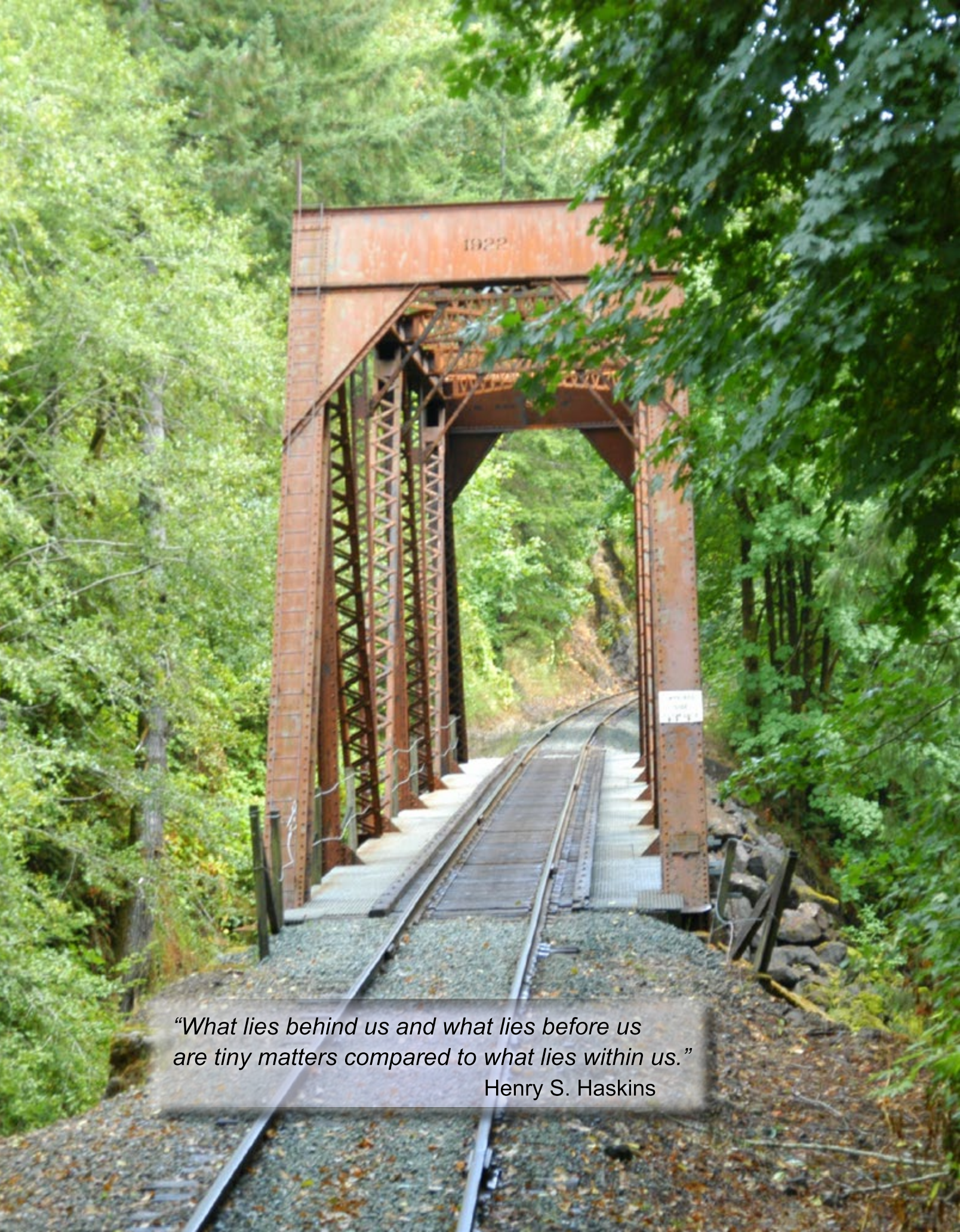
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Stayton, OR 97383

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*“What lies behind us and what lies before us
are tiny matters compared to what lies within us.”*

Henry S. Haskins