

# Brooks Tree Farm



Seedlings,  
Plugs and  
Containers  
for Every  
Need

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2018

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# Check out our Plugs

**Norway Spruce** is grown in much of the USA, it tolerates a wide range of soils and takes shearing well. Good cold climate Christmas tree, also used as understock for all Spruce grafting.

**Colorado Spruce** has a wide variety of colors, some more blue than others. Native to the Rocky Mountains, but used all over as an ornamental species. Needles can be sharp to the touch.

**Ponderosa Pine** grows very straight and tall and has long needles. The Willamette Valley seed source was nearly extinct, it tolerates wet soil.

**Japanese Black Pine** is narrow and fast growing, for colder climates. Traditional for Japanese gardens, it takes training well.

**Scotch Pine** grows in most of the temperate regions of the world. Needles in bundles of two, short, usually green. Good for Christmas Trees and understoc . Spanish strains usually for Christmas trees, French Blue for ornamental uses.

**Giant Sequoia** is a fast growing conifer, often grafted with weeping form. Also popular as evergreen screen.



Norway Spruce



Colorado Spruce



Ponderosa Pine



Japanese Black Pine



Scotch Pine



Giant Sequoia

Front Cover and Back Cover artwork  
courtesy of @leaahwulf

# Root Dip

**Horta Sorb**  
1 Pound Powder \$25.00

**Zeba**  
1 Pound Powder \$25.00

Protect your investment by dipping roots in a super absorbent root protecting hydrogel prior to planting. The gels attract moisture and hold it in the root zone keeping it accessible to the roots during dry periods. The gels can absorb hundreds of times their weight in water and release the moisture to the plant multiple times, providing water to the root zone and protecting the plants during roots establishment. Both options come as a dry powder that is mixed on demand so surplus can be stored for future use.

Horta Sorb is a polymer product used throughout agriculture for two decades. Zeba Boost Root Dip is based on natural cornstarch, making it biodegradable, nontoxic.

# Planting Supplies



**Rigid Tubes** protect from grazing and gnawing, they will photodegrade over time.

**Bamboo Stakes** anchor rigid tubes in the ground and come in 30" or 48" lengths.

## 24" Rigid Tubes

100 - \$40.00

Box of 250 - \$95.00

## 36" Rigid Tubes

100 - \$50.00

Box of 250 - \$115.00

## 30" Bamboo Stakes

100 - \$16.00

1,000 - \$150.00

## 48" Bamboo Stakes

100 - \$23.00

1,000 - \$210.00



## Expandable Netting

protects trees from grazing, allows air circulation, and photodegrades after 2 years.

1000' Roll - \$85.00

	SEED SOURCE	DESCRIPTION	SIZE	ELEVATION	PRICE PER 100 100-475	PRICE PER 1000 500+
<b>Abies concolor</b> <b>Concolor Fir</b>	Swift Silver	Fast growing conifer is often grafted but natural blue/green needles are also attractive. Plugs	6"-12"		53.00	480.00
<b>Abies grandis</b> <b>Grand Fir</b>		Flat, very fragrant medium green needles on gold twigs. Tolerates moist soil and light shade. Plugs	6"-12"		53.00	480.00
<b>Abies procera</b> <b>Noble Fir</b>		Considered the premier Christmas tree in the Pacific NW and commands the best price. B4, NF OR, RF 5, RF10 Plugs	6"-12"		53.00	480.00
<b>Calocedrus decurrens</b> <b>Incense Cedar</b>	261	Sturdy, dark green foliage is tipped with bright yellow buds in November and December. Plugs	3"-6"	1000'	53.00	480.00
<b>Gaultheria shallon</b> <b>Salal</b>	261	Glossy, oval leaves on low evergreen shrub. Greens have commercial value to florists. Plugs	3"-6"	1000'	53.00	480.00
<b>Larix leptolepis (L. kaempferi)</b> <b>Japanese Larch</b>		Larix under stock, very cold-hardy roots, to zone 2. Plugs	4"-8"		52.00	460.00
<b>Picea abies</b> <b>Norway Spruce</b>	Pennsylvania	Widely grown in much of the USA it tolerates a wide range of soils and accepts shearing well. Plugs	3"-6"		52.00	460.00
<b>Picea pungens</b> <b>Colorado Spruce</b>	Kaibab Nat'l Forest	Seed from proven natural sources consistently yielding a high percentage of blues. Plugs	3"-6"		52.00	460.00
		Plugs	6"-10"		53.00	480.00
<b>Pinus contorta, murrayana</b> <b>Lodgepole Pine</b>	681	A good two needle stock where cold-hardiness is needed. Growth is fast and straight. Plugs	3"-6"	4500'	52.00	460.00
<b>Pinus mugo, mughus</b> <b>Swiss Mountain Pine</b>		From a lower elevation than the Pumilio this tree can get to 8'. The needles are slightly longer and coarser than Pumilio. It's faster growing. Usually sheared into tight mound. Plugs	3"-6"	500'	52.00	460.00
<b>Pinus mugo, pumilio</b> <b>Dwarf Swiss Mountain Pine</b>		A slow growing pine. Mature height is rarely over 4'. Slower growing than Mughus and has a finer texture to the needles. Usually sheared into a tight, formal, low mound. Plugs	3"-6"	500'	52.00	460.00
<b>Pinus nigra</b> <b>Austrian Pine</b>	Slovakia	Fast growing pine with velvety white candles, needles 4"-6" long on upright branches. Plugs	3"-6"		52.00	460.00
<b>Pinus ponderosa</b> <b>Ponderosa Pine</b>	882	The Willamette Valley seed source was once near extinction. Fast growing, tolerates wet soil. Seed from east of the Cascades prefers hot dry soil. Grows straight & tall with long needles. Plugs	6"-12"	4000'	52.00	460.00
	Willamette Valley	Plugs	6"-12"	500'	53.00	480.00
<b>Pinus strobiformis</b> <b>Southwestern White Pine</b>		Alternate under stock for 5 needle for SW regions of USA. Preferred for alkaline soils. Lincoln Nat'l Forest Plugs	4"-6"		52.00	460.00
<b>Pinus strobus</b> <b>Eastern White Pine</b>	North Carolina	Favorite under stock for five needle pines but is very sensitive to wet roots. Keep them dry. Plugs	3"-6"		52.00	460.00
<b>Pinus sylvestris</b> <b>Scotch Pine</b>	French, Spanish	Hardy under stock for two needle pines. It grows in a very wide range of climates. Plugs	3"-6"		52.00	460.00

# Plugs

	SEED SOURCE	DESCRIPTION	SIZE	ELEVATION	PRICE PER 100 100-475	PRICE PER 1000 500+
<b><i>Pinus thumbergii</i></b> <b>Japanese Black Pine</b>		Fast irregular habit. Salt and wind tolerant, 2 needle pine. Generally small and narrow, can reach 75'. Cold hardy to 0. Popular for bonsai, poodling.	Plugs 3"-6"		52.00	460.00
<b><i>Pseudotsuga menziesii</i></b> <b>Douglas Fir</b>	(072) (009, 052 HG, 251 HG, 261 HG, Silver Mt, Texada)	Oregon's primary timber specie. Fast growing, also good for Christmas trees.	Plugs 6"-10" Plugs 6"-10"		52.00 53.00	460.00 480.00
<b><i>Salix hookeriana</i></b> <b>Hookers Willow</b>	252	Usually multi-stemmed shrubby tree to 35', sometimes more. Prefers moist soil, tolerates dry.	Plugs 12"-24" 24"-36"	500'	61.00 65.00	550.00 590.00
<b><i>Salix lucida, lasiandra</i></b> <b>Pacific Willow</b>	252	Multi-stemmed shrubby tree to 35'. Prefers moist soil but tolerates a dry site.	Plugs 12"-24" 24"-36"	500'	61.00 65.00	550.00 590.00
<b><i>Salix scouleriana</i></b> <b>Scouler Willow</b>	261	Small shrubby tree, that reaches 25'. The stems are straight, often having few branches, resulting in narrow crowns. Root system is fibrous, deep & widespread. Tolerates dry sites better throughout the western US.	Plugs 12"-24" 24"-36"	1000'	61.00 65.00	550.00 590.00
<b><i>Salix sessifolia</i></b> <b>Northwest Sandbar Willow</b>	252	Shrubby Willow to 20'. Native to British Columbia, Western Washington, and Oregon.	Plugs 12"-24" 24"-36"	500'	61.00 65.00	550.00 590.00
<b><i>Salix sitchensis</i></b> <b>Sitka Willow</b>	252	Small shrubby tree to 25'. Heavily branched, leaves have glossy sheen underneath. Wetlands.	Plugs 12"-24" 24"-36"	500'	61.00 65.00	550.00 590.00
<b><i>Sequoia sempervirens</i></b> <b>Coast Redwood</b>	Mt. Home Forest	Famous for immense size, they will grow to 300' or more. Need cool, moist, mild sites.	Plugs 3"-6" 6"+	2500'	52.00 56.00	460.00 510.00
<b><i>Sequoiadendron giganteum</i></b> <b>Giant Sequoia</b>	Mt. Home Forest	A fast growing conifer that can reach 200'. Prefers moist sunny sites.	Plugs 3"-6"	2500'	52.00	460.00

# Grafting Under Stock

	SEED SOURCE	DESCRIPTION	SIZE	ELEVATION	PRICE PER 100 100-475	PRICE PER 1000 500+
<b><i>Abies balsamea</i></b> <b>Balsam Fir</b>		Hardy under stock for all true firs. Most commonly used true fir root stock.				
	Nova Scotia	2-0 Bare Root	6"-12"		56.00	510.00
	2 7/8" x 5 1/2"	Band Pots	Caliper 3/16"-1/4"	36 per flat	1.45 ea	1.40 ea
	2 7/8" x 5 1/2"	Band Pots	Caliper 1/4" +	36 per flat	1.55 ea	1.50 ea
<b><i>Abies bornmuelleriana</i></b> <b>Turkish Fir</b>		Hardy under stock, tolerates moist soil. A good choice where heavy caliper is needed.				
	2 7/8" x 5 1/2"	Band Pots	Caliper 3/16"-1/4"	36 per flat	1.45 ea	1.40 ea
	2 7/8" x 5 1/2"	Band Pots	Caliper 1/4" +	36 per flat	1.55 ea	1.50 ea
<b><i>Abies nordmanniana</i></b> <b>Nordman Fir</b>		Needles are flat, dark green & glossy. Will tolerate hot or wet soils. Heavy caliper.				
	Ambrolauri	3-0 Bare Root	6"-12"		58.00	530.00
	2 7/8" x 5 1/2"	Band Pots	Caliper 3/16"-1/4"	36 per flat	1.45 ea	1.40 ea
	2 7/8" x 5 1/2"	Band Pots	Caliper 1/4" +	36 per flat	1.55 ea	1.50 ea

# Grafting Under Stock

	SEED SOURCE	DESCRIPTION	SIZE	ELEVATION	PRICE PER 100 100-475	PRICE PER 1000 500+
<b><i>Cedrus deodara</i></b> <b>Deodar Cedar</b>	Favored Cedrus under stock. Fast growing conifer is often grafted but natural blue/green needles are also attractive.					
		Band Pots	Caliper 3/16" - 1/4"	36 per flat	1.45 ea	1.40 ea
		Band Pots	Caliper 1/4" +	36 per flat	1.55 ea	1.50 ea
<b><i>Larix leptolepis (L. kaempferi)</i></b> <b>Japanese Larch</b>	Larix under stock, very cold-hardy roots, to zone 2.					
		Plugs	4"-8"		52.00	460.00
		Band Pots	Caliper 3/16" - 1/4"	36 per flat	1.45 ea	1.40 ea
<b><i>Picea abies</i></b> <b>Norway Spruce</b>	Common under stock for all picea grafts. Fibrous roots improve transplant process.					
	Pennsylvania	Plugs	3"-6"		52.00	460.00
		2-0 Bare Root	6"-12"		53.00	480.00
			12"+		56.00	510.00
		Band Pots	Caliper 3/16" - 1/4"	36 per flat	1.45 ea	1.40 ea
<b><i>Picea pungens</i></b> <b>Colorado Spruce</b>	Some growers prefer grafting Colorado scions to Colorado under stock. Very cold-hardy.					
	Kaibab Nat'l Forest	Plugs	6"-12"		53.00	480.00
	Apache, Kaibab Nat'l Forest	2-0 Bare Root	6"-12"		53.00	480.00
			12"+		56.00	510.00
		Band Pots	Caliper 3/16" - 1/4"	36 per flat	1.45 ea	1.40 ea
<b><i>Pinus contorta</i></b> <b>Shore Pine</b>	Short, rich green, two needles per bundle. Coastal form of <i>P. contorta</i> , for mild climates.					
	053	Plugs	3"-6"	500'	52.00	460.00
<b><i>Pinus contorta, murrayana</i></b> <b>Lodgepole Pine</b>	A good two needle stock where cold-hardiness is needed. Growth is fast and straight.					
	681	Plugs	3"-6"	5000'	52.00	460.00
<b><i>Pinus nigra</i></b> <b>Austrian Pine</b>	Fast growing pine often used for scions with heavy caliper. Cold-hardy roots.					
	Bosnia	Plugs	3"-6"		52.00	460.00
<b><i>Pinus strobiformis</i></b> <b>Southwestern White Pine</b>	Alternate under stock for 5 needle for SW regions of USA. Preferred for alkaline soils.					
	Lincoln Nat'l Forest	Plugs	4"-6"		52.00	460.00
<b><i>Pinus strobus</i></b> <b>Eastern White Pine</b>	Favored under stock for five needle pines but is very sensitive to wet roots. Keep them dry.					
	North Carolina	Plugs	3"-6"		52.00	460.00
		Band Pots	Caliper 3/16" - 1/4"	36 per flat	1.45 ea	1.40 ea
<b><i>Pinus sylvestris</i></b> <b>Scotch Pine</b>	Very hardy two needle pine for a wide climate range. Est. caliper, 1 year in pot 3/16" - 1/4" or more.					
	French, Danish	Plugs	3"-6"		52.00	460.00
<b><i>Sequoiadendron giganteum</i></b> <b>Giant Sequoia</b>	Fast growing California native. Tolerant of moist soil. It reaches 1/4" in caliper easily.					
	Mt. Home Forest	Plugs	3"-6"	2500'	52.00	460.00
			6"+		56.00	510.00
		Band Pots	Caliper 3/16" - 1/4"	36 per flat	1.45 ea	1.40 ea
	Band Pots	Caliper 1/4" +	36 per flat	1.55 ea	1.50 ea	

# Ornamentals

	SEED SOURCE	DESCRIPTION	SIZE	ELEVATION	PRICE PER 100 100-475	PRICE PER 1000 500+
<b>Abies concolor</b> <b>Concolor Fir</b>		Silver white frost on blue needles. Requires cold for good needle retention. Well drained soils.				
	Swift Silver	Plugs	6"-12"		53.00	480.00
<b>Acer circinatum</b> <b>Vine Maple</b>		Small tree to 15', native to the Pacific NW. Palm-sized leaves turn red and yellow in fall.				
	261	1-0 Bare Root	12"-24"	1000'	66.00	600.00
			24"-36"		73.00	660.00
			36"-48"		77.00	700.00
<b>Calocedrus decurrens</b> <b>Incense Cedar</b>		Sturdy, dark green foliage is tipped with bright yellow buds in November and December.				
		Plugs	3"-6"		53.00	480.00
		1-1 Bare Root	12"-24"		65.00	590.00
<b>Cedrus deodara</b> <b>Deodar Cedar</b>		Favored Cedrus under stock. Fast growing conifer is often grafted but natural blue/green needles are also attractive.				
	2 7/8" x 5 1/2"	Band Pots	Caliper 3/16"-1/4"	36 per flat	1.45 ea	1.40 ea
	2 7/8" x 5 1/2"	Band Pots	Caliper 1/4" +	36 per flat	1.55 ea	1.50 ea
<b>Chamaecyparis lawsoniana</b> <b>Port Orford Cedar</b>		Fragrant evergreen, lacy blue green foliage. Great for garland, in demand for floral displays. Minimal storage time is best for this tree. Plant by March 1 for best results.				
		2-0 Bare Root	12"-18"		56.00	510.00
			18"+		58.00	530.00
<b>Cornus sericea</b> <b>Red Osier Dogwood</b>		Small multi-stemmed tree reaches 10'. The bare red stems are attractive against winter snow. Clustered white flowers become small berries. The leaves are a rich purple/red in fall.				
	262	1-0 Bare Root	12"-24"	1000'	64.00	580.00
			24"-36"		69.00	630.00
			36"+		80.00	680.00
<b>Gaultheria shallon</b> <b>Salal</b>		Glossy, oval leaves on low evergreen shrub. Used as greenery by commercial florists. Bell shaped pink flowers become blue berries. It tolerates dry soil and prefers protection from afternoon sun.				
	261	Plugs	3"-6"	1000'	53.00	480.00
<b>Lonicera involucrata</b> <b>Black Twinberry</b>		A bushy shrub up to 6' and wide. Small yellow flowers growing in pairs mature into glossy black berries surrounded by deep red bracts. Prefers sunny moist sites.				
	261	1-0 Bare Root	12"-24"	500'	64.00	580.00
			24"+		69.00	630.00
<b>Mahonia aquifolium</b> <b>Oregon Grape</b>		An evergreen shrub to five feet. New holly shaped leaves are bronze/gold that mature green and become rich red/gold/green in winter. Small bright yellow flowers turn to blue berries.				
	261	1-0 Bare Root	3"-6"	500'	53.00	480.00
			6"-12"		56.00	510.00
			12"-24"		61.00	550.00
	261	#2	12"-24"		4.50 ea	4.00 ea
<b>Mahonia nervosa</b> <b>Longleaf Mahonia</b> <b>(Dwarf Oregon Grape)</b>		Native to west coast foothills, the purple/green holly shaped leaves grow from a central crown. Bright yellow flowers, blue berries, grows to 2'. High demand makes early orders essential.				
	261	1-0 Bare Root	2"-4"	500'	53.00	480.00
			4"+		56.00	510.00
<b>Mahonia repens</b> <b>Creeping Mahonia</b>		An evergreen shrub with softly rounded holly shaped leaves growing to 3'. The large clusters of bright yellow flowers in early spring become blue berries.				
	Black Hills, ND	1-0 Bare Root	3"-6"		53.00	480.00
			6"+		56.00	510.00

**Sold Out**

	SEED SOURCE	DESCRIPTION	SIZE	ELEVATION	PRICE PER 100 100-475	PRICE PER 1000 500+
<b><i>Philadelphus lewisii</i> Mock Orange</b>		Deciduous shrub to 6', clusters of white flowers cover the shrub with an intense orange fragrance. Very ornamental and flexible on most sites and conditions.				
	262	1 Yr P/F Bare Root	12"-24"		64.00	580.00
<b><i>Picea omorika</i> Serbian Spruce</b>		Very narrow habit works well for ornamental and Christmas tree sales. Blunted needles, blue to color, dense growth.				
	Hungary	2-0 Bare Root	6"-12"		53.00	480.00
<b><i>Picea pungens</i> Colorado Spruce</b>		Seed from proven natural sources yielding consistency and high percentage of blues. Apache is slightly faster growing, Kaibab is slower growing with more range of blues.				
	Kaibab Nat'l Forest	2-0 Bare Root	6"-12"		53.00	480.00
			12"+		56.00	510.00
	Apache, Kaibab Nat'l Forests	2-1 Bare Root	15"+		69.00	630.00
	2 7/8" x 5 1/2"	Band Pots	Caliper 3/16"-1/4"	36 per flat	1.45 ea	1.40 ea
	2 7/8" x 5 1/2"	Band Pots	Caliper 1/4" +	36 per flat	1.55 ea	1.50 ea
<b><i>Pinus contorta</i> Shore Pine</b>		Short, rich green, two needles per bundle. Coastal form of <i>P. contorta</i> , for mild climates.				
	053	Plugs	3"-6"	500'	52.00	460.00
<b><i>Pinus mugo, mughus</i> Swiss Mountain Pine</b>		From a lower elevation than the Pumilio this tree can get to 8'. The needles are slightly longer and coarser than Pumilio. It's faster growing. Usually sheared into tight mound.				
	Himalayan Mts.	Plugs	3"-6"	5-7000'	52.00	460.00
<b><i>Pinus mugo, pumilio</i> Dwarf Swiss Mt. Pine</b>		A slow growing pine. Mature height is rarely over 4'. Slower growing than Mughus and has a finer texture to the needles. Usually sheared into a tight, formal, low mound.				
	Himalayan Mts.	Plugs	3"-6"	7000'+	52.00	460.00
<b><i>Pinus nigra</i> Austrian Pine</b>		Fast growing pine with velvety white candles, needles 4"-6" long on upright branches. Widely used in cold climates, it's easy to grow and pretty. Bosnian seed source is disease resistant.				
	Slovakia	Plugs	3"-6"		52.00	460.00
<b><i>Pinus sylvestris</i> Scotch Pine</b>		Very cold-hardy, this pine grows just about everywhere. It tolerates moist and hot soils.				
	French, Danish	Plugs	3"-6"		52.00	460.00
<b><i>Pinus thumbergii</i> Japanese Black Pine</b>		Fast irregular habit. Salt and wind tolerant, 2 needle pine. Generally small and narrow, can reach 75'. Cold hardy to 0. Popular for bonsai, poodling.				
		Plugs	3"-6"		52.00	460.00
<b><i>Ribes sanguineum</i> Red Flowering Currant</b>		One of the most ornamental native shrubs. Blooms bright pink in early spring. Grows to 7'.				
	261	1-0 Bare Root	12"-24"		64.00	580.00
			24"+		69.00	630.00
<b><i>Sequoiadendron giganteum</i> Giant Sequoia</b>		Fast growing California native has gray/green cedar type needles. It grows wide at the base, great choice for large area screens and hedges. Prefers moist, sunny and mild sites.				
	Mt. Home Forest	Plugs	3"-6"	2500'	52.00	460.00
			6"+		56.00	510.00
	2 7/8" x 5 1/2"	Band Pots	Caliper 3/16"-1/4"	36 per flat	1.45 ea	1.40 ea
	2 7/8" x 5 1/2"	Band Pots	Caliper 1/4" +	36 per flat	1.55 ea	1.50 ea
			#1	12"-24"	3.50 ea	3.00 ea

# Christmas Trees and Greens

	SEED SOURCE	DESCRIPTION	SIZE	ELEVATION	PRICE PER 100 100-475	PRICE PER 1000 500+	
<b>Abies bornmuelleriana</b> <b>Turkish Fir</b>		Similar to Nordman Fir in form and culture, it breaks bud earlier and grows faster. Excellent needle retention, good for early harvests. Accepts heat and damp soils, root rot resistant.					
	<b>Sold Out</b>	Bolu Kokez	3-0 Bare Root	6"-12"	58.00	530.00	
<b>Abies concolor</b> <b>Concolor Fir</b>		Silver white frost on blue needles. Requires cold for good needle retention. Well drained soils.					
		Swift Silver	Plugs	6"-12"	53.00	480.00	
<b>Abies fraseri</b> <b>Fraser Fir</b>	<b>Sold Out</b>	A very popular high end Christmas tree in Eastern U.S. The medium short needles are silver on the back and fragrant. Good needle retention. It needs summer moisture for best quality.					
		Roan Mt., NC	2-0 Bare Root	6"-12"	56.00	510.00	
		Roan Mt., NC	3-0 Bare Root	6"-12"	58.00	530.00	
		Roan Mt., NC	3-1 Bare Root	6"-12"	70.00	650.00	
<b>Abies grandis</b> <b>Grand Fir</b>	<b>Sold Out</b>	Flat, very fragrant medium green needles on gold twigs. Tolerates moist soil and light shade.					
			P-1 Bare Root	8"-15"	66.00	600.00	
<b>Abies lasiocarpa</b> <b>Corkbark Fir</b> <b>(Arizonica)</b>		Powder blue 2" long needles, typical true fir style make great Christmas tree. Cold hardy.					
			3-0 Bare Root	6"-12"	58.00	530.00	
<b>Abies nordmanniana</b> <b>Nordman Fir</b>	<b>Sold Out</b>	Needles are flat, dark green & glossy. Great needle retention. It's slow growing but high in demand. It tolerates hot or wet soils, root rot resistant. The European favorite, gaining in the US.					
		Ambrolauri	3-0 Bare Root	6"-12"	58.00	530.00	
			#1		3.50 ea	3.00 ea	
<b>Abies procera</b> <b>Noble Fir</b>	<b>Sold Out</b>	Considered the premier Christmas tree in the Pacific NW and commands the best price. The needles are deep green to slightly dusty blue on branches in even whirls. Also used for wreaths.					
		<b>SEED SOURCE</b>		<b>ELEVATION</b>	<b>GENETICALLY IMPROVED</b>		
		053 Oregon		3000'	B4		
		440 Oregon		4000'	RF 5		
		452 Oregon		3500'	RF 10		
					NF OR		
		(053)	Plugs	6"-12"	52.00	460.00	
		(B4, NF OR, RF 5, RF 10)	Plugs	6"-12"	53.00	480.00	
		(440,452)	2-0 Bare Root	6"-12"	56.00	510.00	
		(H3, G8, RF 6)	P-1 Bare Root	12"-24"	62.00	560.00	
<b>Calocedrus decurrens</b> <b>Incense Cedar</b>		Sturdy, dark green foliage is tipped with bright yellow buds in November and December.					
			Plugs	3"-6"	53.00	480.00	
			1-1 Bare Root	12"-24"	65.00	590.00	
<b>Chamaecyparis lawsoniana</b> <b>Port Orford Cedar</b>		Fragrant evergreen, lacy blue green foliage. Great for garland, in demand for floral displays. Minimal storage time is best for this tree. Plant by March 1 for best results.					
			2-0 Bare Root	12"-18"	56.00	510.00	
				18"+	58.00	530.00	
<b>Picea abies</b> <b>Norway Spruce</b>		Widely grown in much of the USA it tolerates a wide range of soils and accepts shearing well.					
			2-0 Bare Root	6"-12"	53.00	480.00	
				12"+	56.00	510.00	
		2 7/8" x 5 1/2"	Band Pots	Caliper 3/16"-1/4"	36 per flat	1.45 ea	1.40 ea
		2 7/8" x 5 1/2"	Band Pots	Caliper 1/4" +	36 per flat	1.55 ea	1.50 ea



# Christmas Trees and Greens

	SEED SOURCE	DESCRIPTION	SIZE	ELEVATION	PRICE PER 100 100-475	PRICE PER 1000 500+
<b><i>Picea omorika</i> Serbian Spruce</b>		Very narrow habit works well for ornamental and Christmas tree sales. Blunted needles, blue to green color, dense growth.				
	Hungary	2-0 Bare Root	6"-12"		53.00	480.00
<b><i>Picea pungens</i> Colorado Spruce</b>		Seed from proven natural sources consistently yielding a high percentage of blues. Apache is slightly faster growing, Kaibab is slower with a better range of blues.				
	Kaibab Nat'l Forest	2-0 Bare Root	6"-12"		53.00	480.00
			12"+		56.00	510.00
	Apache, Kaibab Nat'l Forest	2-1 Bare Root	15"+		69.00	630.00
<b><i>Pinus contorta</i> Shore Pine</b>		Short, rich green, two needles per bundle. Coastal form of <i>P. contorta</i> , for mild climates.				
	053	Plugs	3"-6"	500'	52.00	460.00
<b><i>Pinus strobus</i> Eastern White Pine</b>		Favored under stock for five needle pines but is very sensitive to wet roots. Keep them dry.				
	North Carolina	Plugs	3"-6"		52.00	460.00
<b><i>Pseudotsuga menziesii</i> Douglas Fir</b>		Oregon's largest commercially produced Christmas tree. Fast growing, fragrant.				
	<b>SEED SOURCE</b>			<b>ELEVATION</b>	<b>GENETICALLY IMPROVED</b>	
	051	Oregon		3000'	Isberg Orchard	
	053	Oregon		3000'	Silver Mt Orch	
	062	Oregon		1500'	009 Eola Orch	
	072	Oregon		1500'	052 High Gain	
	251	Oregon		1500'	S. Oregon Mix	
	252	Oregon		1500'	251 Med Gain	
	262	Oregon		1000'	512 Med Gain	
	Texada	British Columbia		1000'		
	(051,053,062,251,252,262)	2-0 Bare Root	12"+		56.00	510.00
	(052, 072)	P-1 Bare Root	12"-24"		65.00	590.00
	(251, 512, Isberg, Texada)	P-1 Bare Root	12"-24"		66.00	600.00
	(062, 251, 262)	2-1 Bare Root	18"+		69.00	630.00
<b><i>Sequoiadendron giganteum</i> Giant Sequoia</b>		Fast growing California native has gray/green cedar type needles. It grows wide at the base, great choice for large area screens and hedges. Prefers moist, sunny and mild sites.				
	Mt. Home Forest	Plugs	3"-6"	2500'	52.00	460.00
			6"+		56.00	510.00
		#1	12"-24"		3.50 ea	3.00 ea
<b><i>Thuja plicata</i> Western Red Cedar</b>		Fast growing cedar with fragrant, dense wood makes it an important timber specie in the west. Tolerant of moist soil and shade. It turns bronze/green in winter, for mild climates only.				
		P-1 Bare Root	18"+		64.00	590.00
	2 7/8" x 5 1/2"	Band Pots	12"-18"	36 per flat	1.55 ea	1.50 ea

Sold Out

# Native Shrubs

	SEED SOURCE	DESCRIPTION	SIZE	ELEVATION	PRICE PER 100 100-475	PRICE PER 1000 500+
<b><i>Ceanothus cuneatus</i></b> <b>Buckbrush</b>	252	Low shrub has leathery evergreen leaves. Large rounded heads of small white flowers.	1-0 Bare Root 12"-24" 24"-36"	1000'	64.00 69.00	580.00 630.00
<b><i>Cornus sericea</i></b> <b>Red Osier Dogwood</b>	262	Small multi-stemmed tree reaches 10'. The bare red stems are attractive against winter snow. Clustered white flowers become small berries. The leaves are a rich purple/red in fall.	1-0 Bare Root 12"-24" 24"-36"	1000'	64.00 69.00	580.00 630.00
<b><i>Holodiscus discolor</i></b> <b>Oceanspray</b>		A multi-stemmed tree 10'-12' tall, 6'-8' wide, with masses of foamy cream colored flowers from July to September. Large, fibrous root systems. It tolerates wet, dry, and salty sites.	1-0 Bare Root 12"-24"		64.00	580.00
<b><i>Lonicera involucrata</i></b> <b>Black Twinberry</b>	261	A bushy shrub up to 6' and wide. Small yellow flowers growing in pairs mature into glossy black berries surrounded by deep red bracts. Prefers full sun to part shade.	1-0 Bare Root 12"-24" 24"+	500'	64.00 69.00	580.00 630.00
<b><i>Mahonia aquifolium</i></b> <b>Oregon Grape</b>	261	An evergreen shrub to five feet. New holly shaped leaves are bronze/gold that mature green and become rich red/gold/green in winter. Small bright yellow flowers turn to blue berries.	1-0 Bare Root 6"-12" 12"-24"	500'	56.00 61.00	510.00 550.00
<b><i>Oemleria cerasiformis</i></b> <b>Indian Plum</b>	252	Small deciduous tree grows to 20'. Leaves are oval and lightly cucumber scented. Blooms in late winter with bell shaped flowers that separate looking like little orchids. Purple fruit.	1-0 Bare Root 12"-24" 24"+	1000'	64.00 69.00	580.00 630.00
<b><i>Philadelphus lewisii</i></b> <b>Mock Orange</b>	262	Deciduous shrub to 6', clusters of white flowers cover the shrub with an intense orange fragrance. Very ornamental and flexible on most sites and conditions.	1 Yr P/F Bare Root 6"-12" 12"-24"	1000'	53.00 64.00	470.00 580.00
<b><i>Physocarpus capitatus</i></b> <b>Ninebark</b>	252	Small shrub to 15' has white flowers in tiny round clusters. Fall color is outstanding and shredded bark gives winter interest. White flowers become shiny brown seeds.	1-0 Bare Root 12"-24" 24"+	1000'	64.00 69.00	580.00 630.00
<b><i>Prunus virginiana</i></b> <b>Choke Cherry</b>	262	Small tree to 15' has clusters of white flowers and red/black fruit, edible but not tasty. Tolerant of shade and wet feet.	1-0 Bare Root 12"-24" 24"+	1000'	64.00 69.00	580.00 630.00
<b><i>Rhamnus purshiana</i></b> <b>Cascara</b>	261	A small tree, usually to 20', with strong ornamental potential. The dark green leaves have an interesting waffle texture. Deep purple-black berries. It has medicinal use as a laxative.	1-0 Bare Root 24"+	500'	69.00	630.00
<b><i>Ribes sanguineum</i></b> <b>Red Flowering Currant</b>	261	One of the most ornamental native shrubs. Blooms bright pink in early spring. Grows to 7'.	1-0 Bare Root 24"+	500'	69.00	630.00
<b><i>Rosa nutkana</i></b> <b>Nutka Rose</b>	261	Nutka Rose grows tall and erect. Fragrant pink flowers are quite large, occasionally more than 2" in diameter, becoming edible red hips in the fall. It prefers a moist but not wet site.	1-0 Bare Root 12"-24" 24"+	500'	64.00 69.00	580.00 630.00

# Native Shrubs

	SEED SOURCE	DESCRIPTION	SIZE	ELEVATION	PRICE PER 100 100-475	PRICE PER 1000 500+
<b>Rosa pisocarpa</b> <b>Swamp Rose</b>		A shrubby wild rose commonly found on moist forest edges or on fence rows. The round pink flowers grow into edible red hips, it has few thorns. It prefers at least part sun.				
	261	1-0 Bare Root	12"-24" 24"+	1000'	64.00 69.00	580.00 630.00
<b>Rubus parviflorus</b> <b>Thimbleberry</b>		Damp, partly shady sites are preferred by this five foot shrub, but will also grow on sunny sites. White rose style flowers. Berries are small, yellow, edible but not very tasty.				
	251	1 Yr P/F Bare Root	12"-24" 24"+	500'	60.00 69.00	550.00 630.00
<b>Rubus spectabilis</b> <b>Salmonberry</b>		Pacific NW native shrub, grows along shady streambanks. Raspberry like fruits are red and edible but not especially tasty.				
	251	1 Yr P/F Bare Root	12"-24"	1500'	60.00	550.00
<b>Salix hookeriana</b> <b>Hookers Willow</b>		Usually multi-stemmed shrubby tree to 35', sometimes more. Prefers moist soil, tolerates dry.				
	252	Plugs	12"-24" 24"-36"	500'	61.00 65.00	550.00 590.00
<b>Salix lucida, lasiandra</b> <b>Pacific Willow</b>		Multi-stemmed shrubby tree to 35'. Prefers moist soil but tolerates a dry site.				
	252	Plugs	12"-24" 24"-36"	500'	61.00 65.00	550.00 590.00
<b>Salix scouleriana</b> <b>Scouler Willow</b>		Small shrubby tree, that reaches 25'. The stems are straight, often having few branches, resulting in narrow crowns. Root system is fibrous, deep & widespread. Tolerates dry sites better throughout the western US.				
	261	Plugs	12"-24" 24"-36"	1000'	61.00 65.00	550.00 590.00
<b>Salix sitchensis</b> <b>Sitka Willow</b>		Small shrubby tree to 25'. Heavily branched, leaves have glossy sheen underneath. Wetlands.				
	252	Plugs	12"-24" 24"-36"	500'	61.00 65.00	550.00 590.00
<b>Sambucus cerulea</b> <b>Blue Elderberry</b>		Small deciduous multi-stemmed tree or large shrub to 30'. Clusters of blue-black berries have a light powder coating. Wood is very lightweight. Has medicinal qualities.				
	252	1-0 Bare Root	6"-12" 12"-24"	1000'	50.00 75.00	450.00 630.00
		#1	24"-36"		3.50 ea	3.00 ea
<b>Sambucus racemosa</b> <b>Red Elderberry</b>		Tree like deciduous shrub to 30' has clusters of translucent red berries. Prefers very moist soils.				
	252	1-0 Bare Root	6"-12" 12"-24"	1000'	50.00 75.00	450.00 630.00
<b>Spiraea douglasii</b> <b>Douglas Spirea</b>		Hot pink to violet flowers in showy plumes bloom on deciduous 5' shrub. Leaves are bright lime ovals that have nice fall color. Prefers partly sunny, moist but well drained soils.				
	261	1-0 Bare Root	12"-24" #1 24"+	1000'	64.00 3.50 ea	580.00 3.00 ea
<b>Symphoricarpos alba</b> <b>Snowberry</b>		Low deciduous shrub with blue/green oval leaves, small bell shaped pinkish flowers and white waxy berries. Tolerates very dry or wet conditions. Excellent for streambank restorations.				
	261	1-0 Bare Root	12"-24" 24"+	500'	65.00 70.00	580.00 630.00
	261	1-1 Bare Root	12"-24" 24"-36"	500'	74.00 80.00	675.00 725.00
		#1	24"-36"		3.50 ea	3.00 ea
		#2	24"-36"		4.50 ea	4.00 ea

# Reforestation and Native Trees

	SEED SOURCE	DESCRIPTION	SIZE	ELEVATION	PRICE PER 100 100-475	PRICE PER 1000 500+
<b>Abies grandis</b> Grand Fir	252	Flat, very fragrant medium green needles on gold twigs. Tolerates moist soil and light shade. 2-0 Bare Root	6"-12"	1000'	56.00	510.00
			12"+		58.00	530.00
<b>Abies procera</b> Noble Fir	Considered the premier Christmas tree in the Pacific NW, commands the best price. Needles are deep green to slightly dusty blue on branches in even whirls. Also used for wreaths.					
	SEED SOURCE		ELEVATION			
	440	Washington	4000'			
	452	Oregon	3500'			
	(440, 452)	2-0 Bare Root	6"-12"		56.00	510.00
<b>Acer circinatum</b> Vine Maple	261	Small tree to 15', native to the Pacific NW. Palm sized leaves turn red and yellow in fall. 1-0 Bare Root	12"-24"	1000'	66.00	600.00
			24"-36"		73.00	660.00
			36"-48"		77.00	700.00
<b>Acer macrophyllum</b> Big Leaf Maple	261	Hand sized leaves turn a soft yellow in the fall, it prefers moist, well drained soil. The largest of the maples, it can easily grow to 40' or more. Common in old homesteads. 1-0 Bare Root	12"-24"	1000'	64.00	585.00
			24"-36"		72.00	650.00
			36"-48"		77.00	700.00
			48"+		85.00	750.00
<b>Alnus rhombifolia</b> White Alder	252	Fast growing, nitrogen fixer improves soils for all plants. Smaller than A. rubra. 1-0 Bare Root	6"-12"	1000'	50.00	450.00
			12"-24"		55.00	500.00
			24"-36"		60.00	550.00
<b>Alnus rubra</b> Red Alder	252	Fast growing, nitrogen fixer improves soils for all plants. Primarily used for lumber or firewood. 1-0 Bare Root	6"-12"	1000'	50.00	450.00
			12"-24"		55.00	500.00
			24"-36"		60.00	550.00
<b>Calocedrus decurrens</b> Incense Cedar	Sturdy, dark green foliage is tipped with bright yellow buds in November and December. Plugs		3"-6"		53.00	480.00
			1-1 Bare Root		12"-24"	65.00
<b>Chamaecyparis lawsoniana</b> Port Orford Cedar	Fragrant evergreen, lacy blue green foliage. Great for garland, in demand for floral displays. Minimal storage time is best for this tree. Plant by March 1 for best results. 2-0 Bare Root		12"-18"		56.00	510.00
			18"+		58.00	530.00
<b>Fraxinus latifolia</b> Oregon Ash	261	A fast growing wetland tree it will even grow in standing water. Used for firewood and chips. 1-0 Bare Root	6"-12"	1000'	45.00	420.00
			12"-24"		55.00	500.00
			24"-36"		61.00	550.00
<b>Picea sitchensis</b> Sitka Spruce	030	An important, fast growing native timber specie, moisture tolerant and can grow to 200'. 2-0 Bare Root	8"-15"	500'	53.00	480.00
			15"+		56.00	510.00

# Reforestation and Native Trees

	SEED SOURCE	DESCRIPTION	SIZE	ELEVATION	PRICE PER 100 100-475	PRICE PER 1000 500+
<b><i>Pinus contorta</i> Shore Pine</b>		Short, rich green, two needles per bundle. Coastal form of <i>P. contorta</i> , for mild climates.				
	053	Plugs	3"-6"	500'	52.00	460.00
<b><i>Pinus contorta, murrayana</i> Lodgepole Pine</b>		Native to sunny, dry, cold Eastern Oregon. Growth is fast and very straight.				
	681	Plugs	3"-6"	4500'	52.00	460.00
<b><i>Pinus ponderosa</i> Ponderosa Pine</b>		Straight and tall with very long needles. An important timber specie in the west. Once nearly extinct, the Willamette Vally variety tolerates wet soil. Long lush needles.				
	882	Plugs	6"-12"	4000'	52.00	460.00
	Willamette Valley	Plugs	8"-12"	500'	53.00	480.00
	701, 882	2-0 Bare Root	6"-12"	4500', 4000'	53.00	480.00
	Willamette Valley	2-0 Bare Root	10"+	500'	56.00	510.00
	492	2-1 Bare Root	10"+	1000'	69.00	630.00
<b><i>Populus trichocarpa</i> Cottonwood</b>		Very fast growing tree, up to 80', heart shaped leaves. Tolerates standing water.				
	261	1-0 Bare Root	12"-24"	500'	53.00	480.00
			24"-36"		58.00	530.00
			36"-48"		61.00	550.00
			48"+		66.00	600.00
<b><i>Pseudotsuga menziesii</i> Douglas Fir</b>		Oregon's primary timber specie. Fast growing, also good for Christmas tree.				
	<b>SEED SOURCE</b>			<b>ELEVATION</b>		<b>GENETICALLY IMPROVED</b>
	2	Oregon		1500'		Eola Orchard
	3	Oregon		2500'		052 GI HG
	4	Oregon		1500'		251 Orch
	5	Oregon		1500', 3000'		511 Orch
	6	Oregon		500', 1000'		512 Orch
	7	Oregon		1000'		
	8	Oregon		1000', 1500'		
	10	Oregon		3500'		
	11	Oregon		1000'		
	(2, 7, 11)	Plugs	6"-10"		52.00	460.00
	(5, 6, 8, 9)	Plugs	6"-10"		53.00	480.00
	(4, 5, 6, 7, 8, 10)	2-0 Bare Root	12"+		56.00	510.00
	(2, 5)	P-1 Bare Root	12"-24"		65.00	590.00
	(3, 6)	P-1 Bare Root	12"-24"		66.00	600.00
	(4, 6, 8)	2-1 Bare Root	18"+		69.00	630.00
<b><i>Quercus garryana</i> Oregon Oak</b>		Broad crown on heavy branches, trees grows to 80' on well drained soils.				
	261	1-0 Bare Root	6"-12"	500'	60.00	550.00
			12"-24"		66.00	600.00
	2 7/8" x 5 1/2"	Band Pots	6"-12"	36 per flat	1.55 ea	1.50 ea
	251	#2	12"-24"	500'	6.00 ea	5.00 ea
<b><i>Salix hookeriana</i> Hookers Willow</b>		Usually multi-stemmed shrubby tree to 35', sometimes more. Prefers moist soil, tolerates dry.				
	252	Plugs	12"-24"	500'	61.00	550.00
			24"-36"		65.00	590.00
<b><i>Salix lucida, lasiandra</i> Pacific Willow</b>		Multi-stemmed shrubby tree to 35'. Prefers moist soil but tolerates a dry site.				
	252	Plugs	12"-24"	500'	61.00	550.00
			24"-36"		65.00	590.00

**Sold Out**

# Reforestation and Native Trees

	SEED SOURCE	DESCRIPTION	SIZE	ELEVATION	PRICE PER 100 100-475	PRICE PER 1000 500+	
<b>Salix scouleriana</b> Scouler Willow	261	Plugs	12"-24"	1000'	61.00	550.00	
			24"-36"		65.00	590.00	
<b>Salix sessifolia</b> Northwest Sandbar Willow	252	Plugs	12"-24"	500'	61.00	550.00	
			24"-36"		65.00	590.00	
<b>Salix sitchensis</b> Sitka Willow	252	Plugs	12"-24"	500'	61.00	550.00	
			24"-36"		65.00	590.00	
<b>Sequoia sempervirens</b> Coast Redwood	Mt. Home Forest	Plugs	3"-6"	2500'	52.00	460.00	
			6"+		56.00	510.00	
<b>Sequoiadendron giganteum</b> Giant Sequoia	Mt. Home Forest	Plugs	3"-6"	2500'	52.00	460.00	
			6"+		56.00	510.00	
<b>Thuja plicata</b> Western Red Cedar		P-1 Bare Root	18"+		64.00	590.00	
			2-1 Bare Root		18"+	69.00	630.00
<b>Tsuga heterophylla</b> Western Hemlock	006, 2	2-0 Bare Root	6"-12"	2500', 1000'	53.00	480.00	
			12"-24"		58.00	530.00	

# Containers

	SEED SOURCE	DESCRIPTION	SIZE	ELEVATION	PRICE PER 100 100-475	PRICE PER 1000 500+
<b>Abies balsamea</b> Balsam Fir	2 7/8" x 5 1/2"	Band Pots	Caliper 3/16" - 1/4"	36 per flat	1.45 ea	1.40 ea
		Band Pots	Caliper 1/4"+		1.55 ea	1.50 ea
<b>Abies bornmuelleriana</b> Turkish Fir	2 7/8" x 5 1/2"	Band Pots	Caliper 3/16" - 1/4"	36 per flat	1.45 ea	1.40 ea
		Band Pots	Caliper 1/4"+		1.55 ea	1.50 ea
<b>Abies grandis</b> Grand Fir	Clearwater, ID 2 7/8" x 5 1/2"	Band Pots	6"-12"	36 per flat	1.55 ea	1.50 ea
<b>Abies nordmanniana</b> Nordman Fir	2 7/8" x 5 1/2"	Band Pots	Caliper 3/16" - 1/4"	36 per flat	1.45 ea	1.40 ea
		Band Pots	Caliper 1/4" +		1.55 ea	1.50 ea
		#1			3.50 ea	3.00 ea

	SEED SOURCE	DESCRIPTION	SIZE	ELEVATION	PRICE PER 100 100-475	PRICE PER 1000 500+
<b>Abies procera</b> <b>Noble Fir</b>		Considered the premier Christmas tree in the Pacific NW and commands the best price. The needles are deep green to slightly dusty blue on branches in even whirls. Also used for wreaths.				
	2 7/8" x 5 1/2"	Band Pots	6"-12"	36 per flat	1.55 ea	1.50 ea
<b>Amelanchier alnifolia</b> <b>Serviceberry</b>		Also called Saskatoonberry. A shrub with lovely oval leaves, white flowers and tasty purple berries. Interesting, flexible, straight-grained wood.				
		#1	24"+		3.50	3.00
<b>Calocedrus decurrens</b> <b>Incense Cedar</b>		Dark green foliage is tipped with bright yellow in winter that make beautiful accents.				
	2 7/8" x 5 1/2"	Band Pots	Caliper 3/16"-1/4"	36 per flat	1.45 ea	1.40 ea
	2 7/8" x 5 1/2"	Band Pots	Caliper 1/4" +	36 per flat	1.55 ea	1.50 ea
<b>Cedrus deodara</b> <b>Deodar Cedar</b>		Favored cedrus under stock. Available in plugs and pots this year.				
	2 7/8" x 5 1/2"	Band Pots	Caliper 3/16"-1/4"	36 per flat	1.45 ea	1.40 ea
	2 7/8" x 5 1/2"	Band Pots	Caliper 1/4" +	36 per flat	1.55 ea	1.50 ea
<b>Chamaecyparis lawsoniana</b> <b>Port Orford Cedar</b>		Fragrant evergreen, lacy blue green foliage. Great for garland, in demand for floral displays. Minimal storage time is best for this tree. Plant by March 1 for best results.				
	2 7/8" x 5 1/2"	Band Pots	Caliper 3/16"-1/4"	36 per flat	1.45 ea	1.40 ea
	2 7/8" x 5 1/2"	Band Pots	Caliper 1/4" +	36 per flat	1.55 ea	1.50 ea
<b>Larix leptolepis (L. kaempferi)</b> <b>Japanese Larch</b>		Larix under stock, very cold-hardy roots, to zone 2.				
	2 7/8" x 5 1/2"	Band Pots	Caliper 3/16"-1/4"	36 per flat	1.45 ea	1.40 ea
	2 7/8" x 5 1/2"	Band Pots	Caliper 1/4" +	36 per flat	1.55 ea	1.50 ea
<b>Mahonia aquifolium</b> <b>Oregon Grape</b>		An evergreen shrub to five feet. New holly shaped leaves are bronze/gold that mature green and become rich red/gold/green in winter. Small bright yellow flowers turn to blue berries.				
		#2	12"-24"		4.50	4.00
<b>Picea abies</b> <b>Norway Spruce</b>		Common under stock for all picea grafts. Fibrous roots make transplanting easy.				
	2 7/8" x 5 1/2"	Band Pots	Caliper 3/16"-1/4"	36 per flat	1.45 ea	1.40 ea
	2 7/8" x 5 1/2"	Band Pots	Caliper 1/4"+	36 per flat	1.55 ea	1.50 ea
<b>Picea pungens</b> <b>Colorado Spruce</b>		Seed from proven natural sources consistently yielding a high percentages of blues. Kaibab National Forest				
	2 7/8" x 5 1/2"	Band Pots	Caliper 3/16"-1/4"	36 per flat	1.45 ea	1.40 ea
	2 7/8" x 5 1/2"	Band Pots	Caliper 1/4"+	36 per flat	1.55 ea	1.50 ea
<b>Pinus monticola</b> <b>Western White Pine</b>		Long blue needles, also called Princess Pine when used as floral greenery.				
	2 7/8" x 5 1/2"	Band Pots	6"-12"	36 per flat	1.55 ea	1.50 ea
<b>Pinus ponderosa</b> <b>Ponderosa Pine</b>		The Willamette Valley seed source was once near extinction. Fast growing, tolerates wet soil. Willamette Valley, 492				
	2 7/8" x 5 1/2"	Band Pots	Caliper 1/4"+	36 per flat	1.55 ea	1.50 ea
<b>Pinus strobiformis</b> <b>Southwestern White Pine</b>		Alternate understock for 5 needle fpr SW regions of USA. Preferred for alkaline soils.				
	2 7/8" x 5 1/2"	Band Pots	Caliper 3/16"-1/4"	36 per flat	1.45 ea	1.40 ea
	2 7/8" x 5 1/2"	Band Pots	Caliper 1/4"+	36 per flat	1.55 ea	1.50 ea
<b>Pinus strobus</b> <b>Eastern White Pine</b>		Favorite under stock for 5 needle pines but is very sensitive to wet roots. Keep them dry.				
	2 7/8" x 5 1/2"	Band Pots	Caliper 3/16"-1/4"	36 per flat	1.45 ea	1.40 ea
	2 7/8" x 5 1/2"	Band Pots	Caliper 1/4"+	36 per flat	1.55 ea	1.50 ea

# Containers

	SEED SOURCE	DESCRIPTION	SIZE	ELEVATION	PRICE PER 100 100-475	PRICE PER 1000 500+	
<b><i>Prunus emarginata</i></b> <b>Bitter Cherry</b>		Small tree to 40', smooth bark is red/gray, typical cherry flowers are white. Not edible.					
		#1	18"-24"		3.50 ea	3.00 ea	
		#2	24"-36"		4.50 ea	4.00 ea	
<b><i>Pseudotsuga menziesii</i></b> <b>Douglas Fir</b>		Oregon's primary timber specie. Fast growing, also good for Christmas trees.					
		2 7/8" x 5 1/2"	Caliper 1/4"+	36 per flat	1.55 ea	1.50 ea	
		#1			4.50 ea	4.00 ea	
<b><i>Quercus garryana</i></b> <b>Oregon Oak</b>		Broad crown on heavy branches, trees grows to 80' on well drained soils.					
	251	#2	12"-18"	500'	6.00 ea	5.00 ea	
<b><i>Rubus spectabilis</i></b> <b>Salmonberry</b>		Pacific NW native shrub, grows along shady streambanks. Raspberry like fruits are red and edible but not especially tasty.					
		2 7/8" x 5 1/2"	Band Pots	12"-24"	36 per flat	1.55 ea	1.50 ea
<b><i>Sambucus cerulea</i></b> <b>Blue Elderberry</b>		Small deciduous multi-stemmed tree or large shrub to 30'. Clusters of blue-black berries have a light powder coating. Wood is very lightweight. Has medicinal qualities.					
		#1	24"-36"		3.50 ea	3.00 ea	
<b><i>Sequoiadendron giganteum</i></b> <b>Giant Sequoia</b>		Fast growing California native has gray/green cedar type needles. It grows wide at the base. Great choice for large area screens and hedges. Prefers moist, sunny and mild sites.					
		2 7/8" x 5 1/2"	Band Pots	Caliper 3/16"-1/4"	36 per flat	1.45 ea	1.40 ea
		2 7/8" x 5 1/2"	Band Pots	Caliper 1/4"	36 per flat	1.55 ea	1.50 ea
		#1	12"-24"		3.50 ea	3.00 ea	
<b><i>Spiraea douglasii</i></b> <b>Douglas Spirea</b>		Hot pink to violet flowers in showy plumes bloom on deciduous 5' shrub. Leaves are bright lime ovals that have nice fall color. Prefers partly sunny, moist but well drained soils.					
		#1	24"+		3.50 ea	3.00 ea	
<b><i>Symphoricarpos alba</i></b> <b>Snowberry</b>		Low deciduous shrub with blue/green oval leaves, small bell shaped pinkish flowers and white waxy berries. Tolerates very dry or wet conditions. Excellent for streambank restorations.					
	261	#1	24"-36"	500'	3.50 ea	3.00 ea	
	261	#2	24"-36"	500'	4.50 ea	4.00 ea	



## Age classifications and transplants

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Seedlings are designated by their age and growing history. Each digit represents where and for how long the tree spent its growing time. Add all the digits to know the total age of the plant. The information is useful because you can better understand what you're getting and control what you pay for.

Transplanting greatly increases root mass and stimulates the stems and branching to grow thicker but the top is usually slowed. The result is a stocky and well balanced tree or shrub. The higher cost covers the extra year of growing time, wider field spacing and additional handling.

**1-0** The plant is 1 year old and has never been transplanted.

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**1-1** The plant is 2 years old: 1 year in a seed bed and 1 in a transplant bed.

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**2-0** The plant is 2 years old, never transplanted.

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**2-1** The plant is 3 years old: 2 years in a seed bed and 1 year in a transplant bed.

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**P-1** The plant is 2 years old: 1 year in a greenhouse plug and 1 year in a transplant bed.

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**P/F** The plant is 1 year old. It grew 10-12 weeks in a greenhouse and then transplanted mid summer to finish in the field. The style is suitable for native plants that are very aggressive so that growth is controlled and balanced. You get the advantages of both greenhouse and field growing in a single season.

## Field Planning

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4x5 = 2,730 per acre	5x6 = 1,450 per acre
5x5 = 1,740 per acre	10x10 = 435 per acre
6x6 = 1,210 per acre	20x20 = 100 per acre

## Ordering and Planting Tips

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- › Order as soon as you know what you will need. Many items sell out early.
- › Prepare fields in the fall so you'll be ready for a February/March planting.
- › February 15 – April 1 provides mild, cool, rainy conditions with little chance for any extreme weather conditions. Take the earliest convenient opportunity to plant. Don't wait for a second window, some years it's a long time coming!
- › Pick up the trees when you are ready to plant, we'll work with your schedule. Never let the trees sit un-refrigerated and waiting. Never stack bags in a pile.
- › Always keep the roots wet. Take only a few trees out of the bag at a time and cover the remaining trees with a wet towel. Put the trees to be planted in a bucket with a few inches of water. Add a root dip to the water if irrigation isn't available. Be sure all roots are directed downward and gently covered to just above the root zone.

# Terms and Conditions

Thank you for considering our products. We work hard to provide multiple size options on healthy plants at the best possible price. Your success with our products is always our prime goal.

## Containers

We now have many natives and conifers in Band Pots and #1 (approx 1 gallon). As usual, we'll offer volume discounts. Combine any combination of containers for the best price. Bare root tree and plug discounts are calculated by the number purchased in each size and specie.

**All of the packing and shipping takes place at the main Brooks farm.** Our onsite refrigeration facilities provide temporary cold storage of up to three million trees at a time. Trees can be held for short periods in our coolers but please be aware that most species will perform best when shipped fresh. Some species will not tolerate extended periods in storage. Claims will receive consideration only if made within 10 days of pickup. In western Oregon we recommend planting between February 15 and April 1. You will find your survival rate will greatly increase by planting in this optimum six-week window. Preparing fields in the fall will make this option viable.

**To assure quick, efficient loading of your complete order please allow three days prior notice.** You may pick up at the nursery or ask to have your trees shipped by local truck. FedEx, UPS and Delta airfreight are also available. Cost is actual freight plus \$5.00 per package boxing charge (\$10.00 for pots) if the order needs to be repacked or palletized.

**Pricing is determined by the number purchased in each size and specie,** providing no special packing or breaking down of packaging is requested. In order to offer the best prices we try to minimize costly labor for special repacking. If a bag needs to be broken down and hand re-counted a higher rate will apply. Species vary as to amount in each bag; we'll usually ask if you can use a full bag. Large orders that pick up full bags on multiple occasions will receive the discounted composite rate.

**A 25% deposit is required to reserve an order,** payable when order is confirmed. In the event of a shortage, orders without a deposit may be canceled or reduced. A 2% discount is available for orders exceeding \$100.00 and pre-paid by December 31st. Payment prior to shipment is required on all orders until credit is established by application and review. Accounts over 30 days will be charged a service charge (up to 12% APR). Cancellations made after February 1 will forfeit deposit. All orders not picked up or paid in full by March 1 will be subject to resale. Volume Discounts are available for orders exceeding 100,000 total plants. Please inquire for details.

**Summer plugs are available on a limited basis.** Some fast growing Pacific NW native species can be potted from plugs in mid summer and can finish as a #1 (approx 1 gallon) by fall. Fall plugs allow nurseries to move potting from the busy spring shipping season to a time when labor is more readily available. Conifers are available after Sept 1. A full line is available during dormant season, depending on early orders and shipments.

Visit [www.BrooksTreeFarm.com](http://www.BrooksTreeFarm.com) for information on land preparation, ordering, planting and photos.

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# Promote Your Company with Green Gifts

**Do you get calls for inexpensive green gifts?** Ever wish you could offer a small item at an event but don't have anything suitable in your own line? Our seedlings, plugs and small potted trees can be tagged with your company name.

**We can take all the work out of green promotional gifts.** Suitable for trade shows, weddings, memorials, special events or commemorations, green gifts are hot - and we make them easy and affordable. Available options come in two basic formats from our regular wholesale line with optional gift packaging, ready to go.

**We'll do all the work.** Plugs can be packaged in plastic sleeves, custom printed with white stars across the root zone, then sealed at the top with a four color card. Larger potted plants are available packaged in green or gold gift boxes. The boxes fit over any of the plants growing in the 2 7/8" x 5 1/2" band pots. We can also provide the component trees, bags or boxes for you to assemble and customize.



## Green Gift Options

### Trees Packaged in Star Bags

25 to 100 -	\$1.89 each
100 to 475 -	\$1.79 each

### Star Bags Only

100 Bags -	\$20.00
1,000 Bags -	\$140.00

### Finished Potted Trees in Box

25 to 100 -	\$2.75 each
100 to 475 -	\$2.50 each

### Gift Boxes Only

100 Boxes -	\$0.75 each
1,000 Boxes -	\$0.65 each



**Brooks Tree Farm, Inc.**

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