

Seedling Information for Linn County OSWA 2017 Seedling Sale

11/15/16

Conifer Tree Seedlings

Name (common/scientific)	Origin & Height	Growth Rate	Shade Tolerance	Soil Type	Extra Information
Douglas-fir <u>Pseudotsuga menziesii</u>	native 70-250 ft	moderate to fast	full sun	any well drained soil	Seed source 262. Christmas trees, Oregon's primary timber tree, background, mass shade.
Coast Redwood <u>Sequoia sempervirens</u>	native 50-250 ft	fast-growing	full sun to partial shade	thrives on watering	Ornamental hedge, narrow pyramidal pest-free landscaping tree, resistant to oak root fungus. Freezes in cold winters.
Giant Sequoia <u>Sequoiadendron giganteum</u>	native 200-300 ft	fast to moderate 2-3 ft/year	sun to partial shade	tolerant of moist soil	Scale-like coarse foliage is gray/green, dense. Ornamental for large lawns or in a tub. Hardier than coast redwood.
Grand Fir <u>Abies grandis</u>	native 25-250 ft	fast	tolerant to shade	moist areas with drained soil	Grown for timber, Christmas trees, has flat branches, nice smell.
Incense-Cedar <u>Calocedrus decurrens</u>	native 70-90 ft	fast to moderate 2 ft/year	full sun to partial shade	any type water deeply	Tub as living Christmas tree, accents in wreaths, small dish gardens, bonsai, & screen. Good for erosion control.
Noble Fir <u>Abies procera</u>	native 50-100 ft	slow to moderate	full sun, some shade at lower elevations	well drained	Dark green to blue-green needles in even whorls. Christmas trees, in pot living Christmas trees, greenery in wreaths and floral arrangements. Grows best at higher elevations.
Valley Ponderosa Pine <u>Pinus ponderosa</u>	native 50-60 ft	moderate to fast	full sun is best	will tolerate poor soils (wet or dry sites)	Grown as a timber tree. Small ones as bonsai or large container plants.
Western Redcedar <u>Thuja plicata</u>	native 150-200 ft	fast to moderate	partial shade	will tolerate some moist soil	Seed source 261. Timber tree can be used as a screen, accent in large lawns. Flat lacy foliage used as greenery in garlands and floral decorations.

Fern and Shrubs *Oregon native deciduous seedlings

Name (common/scientific)	Origin & Height	Growth Rate	Shade Tolerance	Soil Type	Extra Information
*Sword Fern <u>Polystichum munitum</u>	native 1-4 ft	fast to moderate spread 2-10 ft	partial to full shade	likes soil with organic matter	Good in shady beds, along shaded house walls, mixed in woods. Growth rate depends on soil & water.
*Tall Oregon-grape <u>Mahonia aquifolium</u>	native evergreen 3-15 ft	moderate to vigorous	full sun to partial shade	dry to moist well drained sites	Showy yellow flowers. Fruit, grape-like cluster of blue berries makes good jelly. Fruit eaten by many birds & mammals. Foliage (purple or green) used for greenery. Bank stabilizer. Zones 5-8
*Lewis's Mock-Orange <u>Philadelphus lewisii</u>	native deciduous shrub 5-10 ft	moderate erect and arching habit	full sun to part shade	ordinary garden soil and watering somewhat drought tolerant	Rough textured medium green, opposite leaves with 3 major veins from the base. Brown bark, coarse stems, clusters of satiny white 2 in. fragrant flowers. Prune after flowering. Great landscape shrub. Blooms June-July. Zones 4-8
*Snowberry <u>Symphoricarpos albus</u>	native shrub 3-6 ft	moderate erect & twiggy	full sun to part shade	tolerant of dry to moist soils	Snowberry make attractive garden plant, bird friendly & low-maintenance. Berries a minor toxicity to humans. Zones 3-7
*Salal <u>Gaultheria shallon</u>	native evergreen shrub 1-3 ft	slow to moderate	partial sun to shade	acid soils grows well with ferns & rhododendrons	Glossy, leathery oval leaves. Pinkish urn-shaped flowers. Berries dietary staple for birds. Important greenery for floral supply. Provides watershed protection. Zones 6-8

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More Shrubs and Deciduous Tree Seedlings

Name (common/scientific)	Origin & Height	Growth Rate	Shade Tolerance	Soil Type	Extra Information
*Red-flowering currant <u>Ribes sanguineum</u>	native 8-10 ft	moderate spreading	full sun to partial shade	likes most soils drought resistant	Used as ornamental native shrub. Blooms bright red to pink in early spring. May be heavily pruned for shape. Zones 5-8
*Douglas-spirea <u>Spirea douglassii</u>	native 3-7 ft	moderate spreading	partial shade to full sun	wetlands stream banks	It is sometimes invasive in its preferred habitats. Provides cover for animals and nectar for insects. Zones 5-8
*Indian-plum <u>Oemleria cerasiformis</u>	native 5-16 ft	moderate spreading	partial shade virtually pest & disease free	grows on most sites, but best on rich humus soils.	Whitish bell-shaped flowers hang in long clusters, appearing often before leaves in very early spring. Small plum-like fruit ripen in the fall providing winter-feed for birds, and animals. Zones 6-10
Purple Smoketree <u>Cotinus coggygia</u> 'purpurea'	S. Europe & Asia to 25ft	moderate	full sun	best in poor or rocky soil	Puffs of purple to lavender 'smoke' flowers. Purple leaves gradually turning green. Fall leaves turn yellow to orange red. Resistant to oak root fungus. Zones 5-8
Ruby Spice Clethra <u>Clethra alnifolia</u> var. 'Ruby Spice'	Eastern U.S. to 10 ft	spreads 3-5 ft slowly by suckers	full sun to partial shade	best in acid soils extremely hardy	It is a clean, easily grown plant. Leafs out in mid-May, dark green leaves, 2-4" long have toothed edges. Blooms late summer, fragrant pink flowers. Zones 3-9
*Vine Maple <u>Acer circinatum</u>	native shrub/tree to 35 ft	moderate	best in shade	moist, well-drained soils	Common forest under story plant provides seed, nectar, browse & cover for wildlife. Attracts songbirds. It can be pruned into a small upright tree. Good bank stabilization. Zones 5-9
*Oregon Ash <u>Fraxinus latifolia</u>	native 40-80 ft	moderate	full sun to partial shade	moist to wet near streams	Grown in dense clusters it has long, clean trunk with short crown. In open has short, thick trunk & wide rounded top. Zones 5-8
*Red Alder <u>Alnus rubra</u>	native 30-120 ft	fast, relatively short lived	full sun to partial shade	will grow along stream banks	Adds nitrogen to soil. Inhibits soil fungus that causes heart rot in Douglas-fir. Provides wildlife food & nesting sites. Zones 5-8
Chinese Pistache <u>Pistacia chinensis</u>	China small tree 25-35 ft	moderate rounded & symmetrical	full sun to partial shade	wide range of soils pest free, drought & heat tolerant	Compound leaves excellent red, purple, & orange fall color. Good tree for infertile soils or non-irrigated urban sites along streets, or under power lines. Zones 6-9
Kousa Dogwood <u>Cornus kousa</u>	Japan/China 20 ft	moderate	full sun to partial shade	good soil plant immediately	Flowers small creamy white. Blooms in June & July. Red fruit favorite of birds. Can be grown in a large pot. Zones 5-8
Flowering Dogwood <u>Cornus florida</u>	Eastern U.S. 20 ft	moderate	screen from west sun	adapts well to any kind of soil	White flowers almost cover tree in May. Likes high shade Leaves turn bright red in the fall. Birds eat the scarlet fruit. Zones 5-9
Trident Maple <u>Acer buergerianum</u>	China/Japan 20-35 ft	moderate forks & spreads into a rounded crown	full sun	well-drained acid soil resistant to pollution and drought	Attractive bark mottled with orange. Dark green leaves with 3 triangular lobes at tip. Fall leaves a colorful mix of yellow, orange & red. A tough specimen that can be a hedge. An ideal street tree, Excellent for patio or bonsai. Zones 5-9
Goldenrain Tree <u>Koelreuteria paniculata</u>	Japan/China 20-35 ft	slow to moderate	sun	grows in most soils tolerates drought	Small yellow flowers grow in long showy terminal panicles (up to 20 inches long). Heart-shaped capsules in the fall. Needs water when young. Tolerates , wind, cold, and heat. Zones 5-9
Eastern Redbud <u>Cercis canadensis</u>	Eastern U.S. Height 25 ft Width 20 ft	moderate small tree	full sun widely adapted	needs some summer water drought tolerant	It often has a flat-topped, rounded crown with ascending branches. Bright pink flowers appear before the leaves in the first warm days of spring. Zones 5-9