

Tree Seedling Information for Linn County OSHA 2009 Tree Seedling Sale

Conifer Tree Seedlings

Name (common/scientific)	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 zone 252 Christmas trees, Oregon's primary timber tree, background, mass shade
Coast Redwood <u>Sequoia sempervirens</u>	Native 50 - 250 ft.	Fast-growing to 50-70ft.	full sun to partial shade	thrives on watering freeze in cold winters	Ornamental hedge, Narrow pyramidal pest free landscaping tree. Resistant to oak root fungus
Giant Sequoia <u>Sequoiadendron giganteum</u>	Native to 200-300 ft.	fast - moderate 2-3ft. / year	sun to partial shade	Tolerant of moist soil Hardier than c. redwood	Scale-like coarse foliage is gray/green, dense. Ornamental for large lawns or in a tub.
Grand Fir <u>Abies grandis</u>	Native 25 - 250 ft.	fast	tolerate 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 - moderate 2 ft. / year	full sun to partial shade	Any type Water deeply erosion control	Tub as living Christmas tree. Accents in wreaths, Small dish gardens, bonsai, & screen.
Noble Fir <u>Abies procera</u>	Native 50 - 100 ft.	slow to moderate	full sun, some shade at lower elevations	well drained grows best at higher elevations	Dk green to blue green needles in even whorls. Christmas trees, in pots living Christmas trees, greenery in wreaths and floral arrangements.
Valley Ponderosa Pine <u>Pinus ponderosa</u>	Native 50 - 60 ft.	moderate to rapid	full sun is best	will tolerate poor soils (wet or dry sites)	Grown as a timber tree. Small ones bonsai or large container plants.
Western Hemlock <u>Tsuga heterophylla</u>	Native 125-200 ft.	moderate to fast	shade needed protect from hot sun & wind	Best in acid soil with ample moisture.	Graceful under-story tree in forests. Ornamental, droopy branches, fine texture small flat needles, with small cones.
Western Redcedar <u>Thuja plicata</u>	Native 150 ft.	Fast growing 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

Sword Fern <u>Polystichum munitum</u>	Native 1-4ft.	fast to moderate spread 2-10ft	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.
Oregon Grape <u>Mahonia aquifolium</u>	Native evergreen 3-10ft. up to 25ft.	moderate to vigorous	full sun to partial shade	Bank stabilizer 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.
Dwarf Oregon Grape <u>Mahonia nervosa</u>	Native evergreen to 2 ft.	Spreads from underground stems.	tolerates full shade	Bank stabilizer	Multi-stemmed shrub with holly-like leaves, yellow flowers, and dark blue berries. Fruit and nectar provide wildlife food.
Wild Nootka Rose <u>Rosa nootkana</u>	US Native 3-6 ft shrub	Deciduous thorny bush Rounded 6ft.	full sun to shade good bank stabilization	easily grown in many soil types. wet to dry	Pink flowers provide nectar for insects. Fruit eaten by birds & small mammals: deer and elk browse foliage. Provides wildlife cover. Seeds are urn-like capsules.
Ruby Spice Clethra <u>Clethra alnifolia</u> var. 'Ruby Spice' also call Sweet Pepperbush	eastern US 10 ft. high	spreads 3-5 ft slowly by suckers	full sun to partial shade	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. Best in soils where rhododendrons thrive

Tree Seedling Information for Linn County OSWA 2009 Tree Seedling Sale

Deciduous Tree Seedlings

Name (common/scientific)	height	growth rate	shade tolerance	soil type	extra information
Oregon Ash <u>Fraxinus latifolia</u>	native 40-80 ft. 1-2.5ft.dia	moderate	full sun to partial shade	moist to wet soils near streams	Grown in dense clusters it has long, clean narrow trunk with short crown. In open it has a short, thick trunk & wide rounded top.
Red Alder <u>Alnus rubra</u>	native 30-120 ft 1'-3' dia	fast relatively short lived	full sun to partial shade	grows along stream banks	Inhibits growth of soil fungus that causes heart rot in Douglas-fir. Adds Nitrogen to the soil. Provides wildlife food and nesting sites.
Salal <u>Gaultheria shallon</u>	Native shrub 1 to 3 feet	moderate evergreen shrub	partial sun to shade	dry to moist, well-drained sites.	Glossy, leathery oval leaves. Pinkish urn-shaped flowers. Berries dietary staple for birds. Important greenery for floral supply. Provides watershed protection,
Eastern Redbud <u>Cercis canadensis</u>	eastern US Height 25ft Width 20ft	moderate small tree	full sun Widely adapted Drought tolerant	needs some summer water	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.
Red-flowering currant <u>Ribes sanguineum</u>	Native 8-10 feet	moderate	full sun to partial shade	drought resistant likes most soils	Used as an ornamental native shrubs. Blooms bright red to pink in early spring. May be heavily pruned for shape
Vine Maple	Native shrub/tree to 35 feet			likes shade good bank stabilization	Common forest understory plant provides seed, nectar, browse and cover for wildlife.
Douglas-spirea <u>Spirea douglassii</u>	Native 3-7 ft	Deciduous moderate	partial shade to full sun	wetlands stream banks	It is sometimes invasive in its preferred habitats. Provides cover for animals and nectar for insects.
Merlot Sweetpire					
Kousa Dogwood <u>Cornus kousa</u>	Japan/China 20 ft	moderate	full sun to partial shade	Good soil Plant seedlings immediately	Flowers creamy white blooms in June & July. Red fruit favorite of birds. Can be grown in a large pot.
Pacific Madrone <u>Arbutus menziesii</u>	Native small tree/ large shrub	moderate height varies 20 to 100ft.	full sun to partial shade	coarse, well- drained soil. infrequent deep watering	Forms broad round head almost as wide at tall. Highly ornamental for cinnamon bark that peels in thin flakes. Large clusters white to pinkish bell shaped flowers, and orange-red autumn berries.
Strawberry Tree <u>Arbutus unedo</u>	S. Europe, Evergreen shrub-tree	slow to moderate 8-35ft with equal spread	full sun to partial shade	requires deep, moist soil for faster growth	Forms bight red fruits. Best cultivated as a large shrub. Prune occasionally to expose stringy bark and keep the bell -shaped flowers. & fruit at eye level. Tolerates extremes from desert to seashore.
Purple Smoketree <u>Cotinus coggygria 'purpurea'</u>	S Europe & Asia 25ft.	moderate	full sun Resistant to oak root fungus	best in poor or rocky soil	Dramatic puffs of purple to lavender "smoke" flowers. Has purple leaves gradually turning green. In the fall leaves turn yellow to orange red.
Chinese Pistache <u>Pistacia chinensis</u>	China small tree 25 - 35ft.	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 unirrigated urban sites along streets, or under power lines.