

Sustainable Trees for the Inland Northwest -Tim Kohlhauff. Urban Horticulture Coordinator, WSU/Spokane County Extension

Tree	Drought Tol.	Low Maint.	Pest Resistant	Zone	Native	Size	Special Notes	Latin name
Ash, Blue	higher	yes	not	4	no	40x30	Emerald Ash Borer	<i>Fraxinus quadrangulata</i>
Ash, Manchurian	higher	yes	for now	4	no	40x30	EAB resistant	<i>Fraxinus mandshurica</i>
Beech, European	low	pruning up	Beech aphid	5	no	50x40	can be messy	<i>Fagus sylvatica</i>
Buckthorn, Cascara	med/high	yes	yes	3	yes	20x20	hard to find	<i>Rhamnus purshiana</i>
Catalpa, Northern	medium	messy	yes	5	no	55x35		<i>Catalpa speciosa</i>
Chokecherry, Amur	med/high	yes	moderate	3	no	30x20	some cherry probs.	<i>Prunus maackii</i>
Coffeetree, Kentucky	medium	yes	yes	4	no	60x40	messy tree	<i>Gymnocladus dioicus</i>
Cork tree	medium	yes	yes	4	no	30x30		<i>Phellodendron amurense</i>
Dawn Redwood	med/high	pruning needed	yes	5	no	70/30x25	dry soils limit size & slow growing	<i>Metasequoia glyptostroboides</i>
Elm, Chinese	medium	yes	resists Dutch elm	5	no	40x25	exfoliating bark	<i>Ulmus parvifolia</i>
Elm, 'Sunshine'	medium	yes	resists Dutch elm	5	no	40x25	resists elm pests	<i>Ulmus propinqua Bieberich</i>
Spindle tree	med/low	yes	yes	4	no	15x10	Hard to find for sale	<i>Euonymus alatus</i>
Filbert, Turkish	higher	yes	yes	5	no	50x30	available wholesale	<i>Corylus colurna</i>
Fir, White	med/high	yes	yes	2	no	50x20	slow growing	<i>Abies concolor</i>
Ginkgo	medium	structural pruning	yes	4	no	45x30	plant male trees	<i>Ginkgo biloba</i>
Goldenrain Tree	higher	weak wooded	yes	5	no	30x25	soil adaptable	<i>Koelreuteria paniculata</i>
Hackberry	higher	messy	leaf galls	3	no	50x40	sweat bare root before planting	<i>Celtis occidentalis</i>
Hackberry, 'Magnifica'	higher	less than species	leaf galls	5	no	25x20	no berries	<i>Celtis 'Magnifica'</i>
Hawthorn, Washington	medium	yes	more so	4	no	25x20	thorns 2-3" long	<i>Crataegus phaenopyrum</i>
Honeylocust	medium	pruning up	moderate	5	no	45x35	fast grower	<i>Gleditsia triacanthos inermis</i>
Hophornbeam, Am.	medium	prune for leader	yes	4	no	40x25	tolerates part shade	<i>Ostrya virginiana</i>
Hornbeam, American	medium	pruning needed	yes	5	no	20x20	takes heavy pruning	<i>Carpinus caroliniana</i>
Hornbeam, European	medium	pruning needed	yes	5	no	40x25	narrow branch angle	<i>Carpinus betulus</i>
Juniper, Rocky Mtn.	higher	scale & mites	yes	3	yes	15x8	tie up for snow load	<i>Juniperus scopulorum</i>
Katusura	low	pruning needed	yes	4	no	45x25	pleasant smell in fall	<i>Cercidiphyllum japonicum</i>
(Larch, Western)	medium	yes	moderate/low	3	yes	100x30	storm damage, needs big space	<i>Larix occidentalis</i>
Lilac, Common	med/high	pruning needed	moderate	3	no	12x12	suckers freely	<i>Syringa vulgaris</i>
Lilac, Japanese	medium	moderate	moderate	5	no	25x15	cold damage	<i>Syringa reticulata</i>
Lilac, Peking	medium	moderate	moderate	4	no	25x15	exfoliating bark	<i>Syringa pekingensis</i>
Linden, Silver	medium	messy	moderate	5	no	45x35	herbicide suscept.	<i>Tilia tomentosa</i>
Maackia, Amur	higher	yes	yes	3	no	25x20	slow establish/growth	<i>Maackia amurensis</i>
Maple, Hedge	med/high	yes	more so	5	no	30x30	resists compaction	<i>Acer campestre</i>

Tree	Drought Tol.	Low Maint.	Pest Resistant	Zone	Native	Size	Special Notes	Latin name
Oak, Bur	medium	messy	more so	3	no	70x50	slow growing	<i>Quercus macrocarpa</i>
Oak, Chinkapin	medium	messy	moderate	5	no	40x40	slow growing	<i>Quercus muehlenbergii</i>
Oak, Northern Red	medium	messy	moderate	4	no	50x40	distorted leader growth	<i>Quercus rubra</i>
Oak, Shumard	medium	messy	moderate	5	no	50x50	beautiful bark	<i>Quercus shumardii</i>
Oak, Swamp	medium	messy	moderate	4	no	50x50		<i>Quercus bicolor</i>
Pagoda tree, Japanese	medium	moderate	yes	5	no	55x55	white flowers	<i>Sophora japonica</i>
Parrotia, Persian	med/high	yes	yes	5	no	30x20	Ruby Vase' is single stem	<i>Parrotia persica</i>
Pear, Ussurian	medium	yes	moderate	5	no	25x15	hardest pear	<i>Pyrus ussuriensis</i>
Pine, Austrian?	med/high	yes	moderate	5	no	30x20	may be short lived	<i>Pinus nigra</i>
Pine, Bristlecone	med/high	yes	yes	5	no	20x10	very slow growing	<i>Pinus aristata</i>
Pine, Ponderosa	higher	yes	pine bark beetle	3	yes	100x30	gall rust, bark beetles	<i>Pinus ponderosa</i>
Pine, Stone	medium	yes	yes	4	no	30x15	slow growing	<i>Pinus cembra</i>
Pine, Western White	med/high	yes	beetle, (rust)	3	yes	80x30	hard to find	<i>Pinus monticola</i>
Planetree, London?	med/low	messy	anthracnose	5	no	60x40	exfoliating bark	<i>Platanus x acerifolium</i>
Rubber tree, Hardy	med/low	moderate	yes	5	no	40x40	hard to find	<i>Eucommia ulmoides</i>
Serviceberry	higher	messy	moderate	2	yes	15x10	3 season interest	<i>Amelanchier laevis</i>
Serviceberry, Apple	med/high	messy	more so	4	no	20x15	tree form	<i>Amelanchier x grandiflora</i>
Yellowwood, Am.	medium	yes	yes	5	no	40x30	prune in summer	<i>Cladrastis lutea</i>
Zelkova	med/high	yes	frost on young trees	5	no	50x40	stock often has inclusions	<i>Zelkova serrata</i>
Zelkova, (dwarf)	med/high	yes	frost on young trees	5	no	25x20-30	many cultivars avail.	<i>Zelkova</i>

Prefer Acid Soil								
Oak, Scarlet	med/low	messy	moderate	4	no	60x40	bright red in fall	<i>Quercus coccinea</i>
Oak, White	med/low	messy	moderate	3	no	60x40		<i>Quercus alba</i>
Oak, Shingle	med/low	messy	moderate	4	no	50x50	leaves not oak-like	<i>Quercus imbricaria</i>
Oak, Sawtooth	med/low	messy	moderate	5	no	40x40		<i>Quercus acutissima</i>
Tupelo or Black Gum	medium	yes	cankers, leaf spot	4	no	30x20	likes shelter	<i>Nyssa sylvatica</i>
Lilac, Japanese	med/low	can be messy	cold damage	5	no	25x15	no lilac fragrance	<i>Syringa reticulata</i>