

TOWN OF SNOWFLAKE TREE SELECTION GUIDE

DECIDUOUS TREES

Common Name	Botanical Name	Maximum Height	Maximum Width	Sun Exposure	Watering	Comments & Attributes
Autumn Blaze Maple	<i>Acer freemanii</i>	40 ft.	30 ft.	Full	Moderate	Moderate to fast growth.Hybrid of <i>A. saccharum</i> & <i>A. rubrum</i> . Hardy, red in Fall color. Infrequent deep watering best.
Amur Maple	<i>Acer ginnala</i>	20 ft.	10 ft..	Full / Part	Moderate	Slow growth. Prune when young to single trunk. Cold & drought hardy. Beautiful early Fall red to yellow color.
Bigtooth Maple	<i>Acer grandidentatum</i>	40 ft..	25 ft.	Full / Part	Moderate	Slow to moderate growth.Prune when young to single trunk.Needs well-drained soil on the dry side.Fall colors rose red,orange,yellow.
Boxelder	<i>Acer negundo</i>	45 ft.	30 ft.	Full / Part	Frequent	Fast growth.Train to ensure good form. `Sensation` is seedless,has more controlled growth,red fall color.Other varieties yellow in fall.
European White Birch	<i>Betula pendulata</i>	40 ft.	30 ft.	Full / Part	Frequent	Moderate growth.Needs wind protection. Often sold as weeping birch. Cultivar `Crispi` is common,cold hardy & strongly weeping
Himalayan Birch	<i>Betula utilis</i> (var. <i>jaquemontii</i>)	45 ft..	25 ft.	Full / Part	Frequent	Moderate growth.Bark varies from glossy orange-brown or dark copper-brown to pure white.Gold-yellow fall color.Buy grafted trees.
Catalpa	<i>Catalpa speciosa</i>	40 ft.	30 ft.	Full / Part	Moderate	Large ovate leaves 12"L.x8"W. Seeds 18"L. brown capsule.White trumpet-shaped flowers early summer.Hardy,needs wind protection.
English Hawthorn	<i>Crataegus laevigata</i> (<i>C. oxyacantha</i>)	25 ft.	15 ft.	Full	Moderate	Slow-moderate growth.Varieties with white,pink or scarlet flowers with summer into fall small red berry-like fruit.Great tree for wildlife.
Green Ash, Red Ash	<i>Fraxinus pennsylvanica</i>	40 ft.	30 ft.	Full / Part	Moderate	Moderate-fast growth.Tolerant of cold & drought when established. Best varieties, `Patmore`, `Marshall` & `Summit` are seedless.
Honey Locust (thornless)	<i>Gleditsia triacanthos</i> (var. <i>inermis</i>)	60 ft.	40 ft.	Full	Moderate	Fast growth.Tolerates compacted soil,heat,wind,some drought. Varieties: `Shademaster`, `Sunburst` are thornless-podless; `Imperial`.
Arizona Walnut	<i>Juglans major</i>	60 ft.	40 ft.	Full / Part	Moderate	Fast growth.Tolerates heat,wind,some drought when established. Planting stock is limited to bare root seedlings 1-3 years old.
Golden Rain Tree	<i>Koelreuteria paniculata</i>	30 ft.	30 ft.	Full	Moderate	Slow to moderate growth.Takes heat,cold,wind & little water when established.Summer yellow flowers in 18" long clusters.Fall color.
Crabapple	<i>Malus sp.</i>	30 ft.	20 ft.	Full	Moderate	Moderate growth.Very hardy ,spring flowering(white,pink,red); small fruit.Good varieties: `Prairiefire`,`Spring Snow`, & `Profusion`.
White Mulberry	<i>Morus alba</i>	50 ft.	50 ft.	Full / Part	Moderate	Moderate-fast growth.Fruitless varieties best.Will produce pollen & surface roots.Good shade,takes heat.Stake & prune first 2-3 yrs.
London Plane	<i>Platanus x acerifolia</i>	60 ft.	40 ft.	Full	Moderate	Fast growth.Maple like leaves 5-10" in L. & W.,fruit 1"bristly brown balls,on long stalks.Often sold as <i>P. orientalis</i> .
Lance Leaf Cottonwood	<i>Populus acuminata</i>	60 ft.	25 ft.	Full	Frequent	Fast growth.Sharply pointed egg-shaped leaves to 4" L.Very hardy & wind tollerent.Yellow fall color.Root invasive near water & sewer.
White Poplar	<i>Populus alba</i>	80 ft.	40 ft.	Full / Part	Moderate	Fast growth.`Pyramidalis` & `Bolleana` are pyramidal/columnar forms.Leaves green on top,white & hairy beneath.Suckers profusely
Narrow Leaf Cottonwood	<i>Populus angustifolia</i>	60 ft.	30 ft.	Full	Frequent	Fast growth.Leaves 5"L.x1.5"W.Cold hardy.Roots are invasive to underground pipes.As with all cottonwoods, male clones are best.
Siberian Elm	<i>Ulmus pumila</i>	60 ft.	30 ft.	Full / Part	Infrequent	Fast growth.Good choice for difficult sites.Drawbacks:brittle wood, weak crotches & winged seeds disperse seedlings over wide areas.

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Carolina Poplar	Populus x canadensis	70 ft.	40 ft.	Full	Frequent	Fast growing.Triangular tooth-edge leaves 4"L.Many hybrids are available. `Souixland`,drought & disease resistant.Male clones best.
Quaking Aspen	Populus tremuloides	50 ft.	15 ft.	Full	Frequent	Fast growth,short-lived.White bark,fluttering leaves,golden-yellow fall color.Roots are invasive and sucker freely.Kaibab clones best.
Flowering Plum	Prunus cerasifera	30 ft.	25 ft.	Full	Frequent	Fast growth.Many varieties.Flowers pinkish-white to pure white. Leaves, green to dark purple.Fruit, purplish-red,but most fruitless.
Mayday Tree	Prunus padus	20 ft.	15 ft.	Full	Moderate	Moderate growth,cold hardy.Profuse fragrant white flowers in 3-6" long clusters.Fruit small,attractive to birds. `Watereri`, `Plena` best.
Flowering Pear	Pyrus calleryana	50 ft.	30 ft.	Full	Moderate	Moderate growth,holds up well to wind & late frost.White flowers in spring,red to yellow fall color depending on variety,little or no fruit.
Gambel Oak	Quercus gambelii	40 ft.	20 ft.	Full / Part	Infrequent	Very slow growth.Smaller plants more successful due to development of long tap root.These are the oaks of Oak Creek Canyon.
Northern Red Oak	Quercus rubra	90 ft.	60 ft.	Full	Moderate	Moderate-fast growth.Leaves,slender-toothed lobes to 8"L.x 5"W. green,turning to red,brown or orange in fall.Avoid dry windy location
Purple Robe Locust	Robinia ambigua	50 ft.	30 ft.	Full / Part	Infrequent	Fast growth.Tolerates wind,cold,poor soils; drought tolerant when established.Magenta-pink flowers,fragrant.Most beautiful of locusts.
Black Locust	Robina pseudoacacia	75 ft.	50 ft.	Full / Part	Infrequent	Fast growth.Adaptive to dry,hot,windy locations.Drought tolerant. Fragrant white flowers,8"beanlike pods.Often spread by suckers.
Hankow or Globe Willow	Salix matsudana	70 ft.	60 ft.	Full	Moderate	Very fast growth.Works well in dry windy areas. `Navajo` common, `Umbraculifera` more upright, `Pendula` weeping form.Root invasive.
European Mountain Ash	Sorbus aucuparia	30 ft.	20 ft.	Full / Part	Moderate	Moderate-fast growth.Clusters of white flowers in spring,red berry-like fruit.Red,orange or yellow fall color. `Edulis` is extremely hardy.
EVERGREEN TREES						
Alligator Juniper	Juniperus deppeana	50 ft.	30 ft.	Full	Infrequent	Slow growth.Blue-gray foliage,bark checkerd like alligator hide.As with most junipers,will survive on very little water once established.
One-Seed Juniper	Juniperus monosperma	40 ft.	30 ft.	Full	Infrequent	Slow growth.blue-green foliage.Bark gray fibrous & shredding.Cone is pea to marble-sized,bluish-gray to brown & berry-like.Little water.
Utah Juniper	Juniperus osteosperma	25 ft.	20 ft.	Full	Infrequent	Slow growth.Yellowish-green foliage.Bark,cone & growth habits are very similar to J. osteosperma.Most available as bareroot seedlings
Rocky Mountain Juniper	Junipers scopulorum	30 ft.	30 ft.	Full / Part	Infrequent	Moderate growth.Color silver-blue to green.Varieties: `Sky Rocket`, `Cologreen`, `Gray Gleam`,are columnar forms. `Moonglow`,pyramidal
Norway Spruce	Picea abies	80 ft.	40 ft.	Full / Part	Moderate	Moderate growth.Bright green,sharp needles,1/2"-1"L.Cones 4"-6"L. narrow & papery.Cold & wind hardy.Valued for windbreaks & shade.
Engleman Spruce	Picea englemannii	150 ft.	60 ft.	Full / Part	Moderate	Moderate-slow growth.Bluish-green,sharp,flexible needles 1/2"-1"L. Cones,narrow,papery 1"-3"L.Densely branched;sensitive to drought.
Colorado Blue Spruce	Picea pungens	100 ft.	40 ft.	Full / Part	Moderate	Moderate-slow growth.Blue-gray 1 1/2"L. sharp,stiff needles.Cones 2" -4"L.Many varieties & shades of color.Sensitive to drought;hot winds.
Pinyon Pine	Pinus edulis	30 ft.	15 ft.	Full	Infrequent	Slow growth.Green needles in bundles of 2,1"-2"L.;Cones 2"L.with edible nuts.Very hardy,drought tolerant,prefers slightly alkaline soils.
Austrian Black Pine	Pinus nigra	60 ft.	20 ft.	Full / Part	Moderate	Moderate-slow growth.Dark green needles in bundles of 2, 4"-6"L. Cones 2"-3"L.Very hardy to cold & wind.Stake newly planted trees.
Ponderosa Pine	Pinus ponderosa	150 ft.	30 ft.	Full	Infrequent	Moderate-fast growth.Needles dark gray-green,in bundles of three,9" L. Cones 3"-6"L.Drought tolerant when established.Seedlings best.
Douglas Fir	Pseudotsuga menziesii	100 ft.	30 ft.	Full / Part	Moderate	Moderate growth.Needles green to bluish-green;dense,soft,surround stem;1"-1 1/2"L.Cones 3"L. Rocky Mountain seed source best.