

## Tree, Shrub, and Seed Descriptions

Common Name	Scientific Name	Growth Rate	Height	Soils	Sun Exposure	Shape	Spread	Other Features
<b>Evergreen Seedlings</b>								
White Pine	<i>pinus strobus</i>	Fast	50 - 80'	Most - Well drained	Full / Partial	Pyramidal	20 - 40'	Long needles • Clusters of 5 • Windbreak
Red Pine	<i>pinus resinosa</i>	Medium	70 - 80'	Most - Well drained	Full / Partial	Conical	20 - 40'	Long needles • Attracts wildlife • Windbreak
White Spruce	<i>picea glauca</i>	Medium	40 - 60'	Most - Drought tolerant	Full	Columnar	10 - 20'	Blue-green needles • Attracts wildlife • Windbreak
Colorado Spruce	<i>picea pungens</i>	Slow - Med	50 - 75'	Most - Drought tolerant	Full	Pyramidal	10 - 20'	Short, green to silver-blue needles • Windbreak
Norway Spruce	<i>picea abies</i>	Med - Fast	40 - 60'	Most - Drought tolerant	Full	Pyramidal	10 - 20'	Fast Growing • Attracts wildlife • Windbreak
Black Hills Spruce	<i>picea glauca densata</i>	Slow	30 - 60'	Most	Full / Partial	Pyramidal	15 - 25'	Blue-green needles • Windbreak
Serbian Spruce	<i>picea ormica</i>	Slow	40 - 60'	Most	Full / Partial	Pyramidal	15 - 25'	Blue-green needles • Not tolerant to road salt
<b>Shrub Seedlings</b>								
Serviceberry	<i>amelanchier laevis</i>	Fast	10 - 20'	Most	Full	Shrub	6 - 20'	Ornamental • Tall shrub • Attracts wildlife
Ninebark	<i>physocarpus opulifolius</i>	Medium	5' - 10'	Most	Full / Partial	Shrub	6 - 10'	Upright dense • White or pink flowers spring, red seeds in fall
Elderberry	<i>sambucus canadensis</i>	Fast	5 - 12'	Most	Full / Partial	Shrub	5 - 12'	White flowers in late spring • Purple-black fruit in late summer
<b>Deciduous Seedlings</b>								
Red Maple	<i>acer rubrum</i>	Med - Fast	40 - 60'	Most	Full / Partial	Oval	25 - 40'	Red flowers in spring • Red/yellow fall leaves
Swamp White Oak	<i>quercus bicolor</i>	Medium	70 - 80'	Most - Drought tolerant	Full / Partial	Oval	50 - 80'	Likes moist/wet soils • Drought resistant • Yellow - Purple fall color
Black Cherry	<i>prunus serotina</i>	Fast	50 - 60'	Most - Drought tolerant	Full/Partial	Oval	35 - 50'	White flowers in May • Purplish-red fruit • Yellow to orange fall color
Northern Red Oak	<i>quercus rubra</i>	Fast	60 - 75'	Most - Drought tolerant	Full	Oval	40 - 45'	Red fall leaves • Acorns • Attracts wildlife • Long living
River Birch	<i>betula nigra</i>	Med - Fast	40 - 70'	Most	Full/Partial	Round	40 - 60'	Resistant to bronze borer • Reddish brown exfoliating bark
Hybrid Poplar	<i>populus</i>	Fast	75 - 100'	Most - Wet	Full	Oval	20 - 75'	Very fast growing • Windbreak
Sugar Maple	<i>acer saccharum</i>	Slow - Med	60 - 75'	Most - Well drained	Full / Partial	Oval	40 - 50'	Yellow/orange fall leaves • Attracts wildlife • Shade tree

**Definitions:** **Growth Rate:** The rate of vertical increase in growth. **Slow** = less than 12" per year, **Medium** = 13" to 24" per year, **Fast** = greater than 25" per year

**Age:** All trees are 1 to 3 year old seedlings (TP = Transplants)

### Prairie Seed

Meets the requirements for the Federal Conservation Reserve Program • Suitable for all soils.

Includes: *Big Bluestem, Indian Grass, Little Bluestem, Switchgrass, Canada Wild Rye, Black-eyed Susan, Purple Prairie Clover, and Yellow Coneflower*

**Wildflower Seed Mix** This mix consists of 24 species of wildflowers • Works best on clay loam to loam soils that are seasonably moist through well-drained  
Includes: *Bergamot, Black-eyed Susan, Blue Vervain, Canadian Milkvetch, Cup Plant, Partridge Pea, Golden Alexander, New England Aster Ox-eye, Evening Primrose, Prairie Blazing Star, Purple Coneflower, Rattlesnake Master, Red Milkweed, Round-headed Bush Clover, Sawtooth Sunflower, Showy Sunflower, Smooth Blue Aster, Spiderwort, Stiff Goldenrod, Sweet Black-eyed Susan, White Wild Indigo, and Yellow Coneflower*

### Other Items

**Water Gel** Designed to increase moisture retention in plants • Mix with water, and gel retains moisture around roots at planting time • The gel will continue to attract and retain moisture for months • Each bag of water gel treats approximately 400 seedlings • DO NOT use in wet soils

**Fertilizer** Gives nutrients in the biodegradable "tea bag" which is dropped in the planting hole and covered with 1 inch of soil  
Every 10-gram packet contains 10 essential nutrients and releases them over a 12-month period, when the seedlings need them most.