

Tree, Shrub, and Seed Descriptions

Common Name	Scientific Name	Growth Rate	Height	Soils	Sun Exposure	Shape	Spread	Other Features
Evergreen Seedlings								
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
Shrub Seedlings								
Highbush Cranberry	<i>viburnum opulus</i>	Fast	6 - 12'	Most - Well drained	Full / Partial	Shrub	6 - 12'	White flowers • Red berries
Black Chokeberry	<i>aronia melanocarpa</i>	Slow - Med	3 - 5'	Most - Wet	Full / Partial	Shrub	3 - 6'	Leaves turn wine red - purplish black in fall • Blackish purple fruit
Hazelnut	<i>corylus americana</i>	Fast	10 - 18'	Most - Well drained	Full / Partial	Shrub	10 - 12'	Showy spring flowers • best used when naturalizing an area
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
Deciduous Seedlings								
Red Maple	<i>acer rubrum</i>	Med - Fast	40 - 60'	Most	Full / Partial	Oval	25 - 40'	Red flowers in spring • Red/yellow fall leaves
Black Walnut	<i>juglans nigra</i>	Medium	50 - 75'	Most - Well drained	Full	Round	50 - 75'	Edible nuts
Dawn Redwood	<i>metasequoia glyptostroboides</i>	Fast	70 - 100'	Moist - Well drained	Full/Partial	Round	15 - 25'	Easy to transplant • Windbreak • Feathery leaves
Whitespire Birch	<i>betula populifolia</i>	Med	40 - 50'	Most	Full/Partial	Pyramidal	15 - 25'	Resistant to bronze borer • White bark • Yellow fall color
White Oak	<i>quercus alba</i>	Slow - Med	50 - 80'	Most - Well Drained	Full	Oval	50 - 80'	Likes well drained soils • Broad, dense tree • Purple - Red fall color
Sugar Maple	<i>acre saccharum</i>	Slow - Med	60 - 75'	Most - Well drained	Full / Partial	Oval	40 - 50'	Yellow/orange fall leaves • Attracts wildlife • Shade tree
Hybrid Poplar	<i>populus</i>	Fast	75 - 100'	Most - Wet	Full	Oval	20 - 75'	Very fast growing • Windbreak

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

Native Prairie Seed Mix
 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 Milkvech, 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.

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