

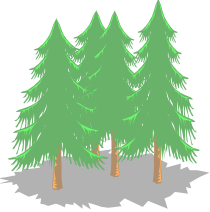


BRIEF TREE DESCRIPTIONS

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CONIFERS



Black Hills Spruce- Pyramidal tree that grows to 40', short bluish green needles that form a very dense tree. Prefers moist, well drained, porous soils. Excellent windbreak and wildlife cover. Plant to plant spacing is 20'-25' in windbreaks and 12'-15' in wildlife plantings.

Canaan Fir- A Pyramidal tree that grows to 50' and prefers moist loam soils, but will tolerate wet heavier soils. Used in windbreaks, Christmas trees, and in landscaping. Plant to plant spacing in windbreaks and wildlife plantings are 20'-25'.

Eastern Red Cedar- Native, long-lived evergreen tree that will grow to 30'. Reddish tinge on needles. Grows on most soils except wet sites. Should not be planted close to apple orchards because it is a host for the cedar apple rust disease. Excellent wildlife cover. Plant to plant spacing is 8'-10'.

Meyer Spruce - Available in pots only- Dense pyramidal non-native tree with slow/medium growth, good drought resistance, and bluish-green needles that needs at least 8 hours of sunlight. Mature height is 40'. Plant to plant windbreak spacing is 20'-25' and 12' to 15' for wildlife planting. Great needle retention.

Norway (Red) Pine- Pyramidal tree that grows to 80', long needled pine that prefers sandy/light soils. Plant to plant windbreak spacing is 20'-25' and 12'-15' in wildlife plantings.

Norway Spruce- Pyramidal tree that grows to 75'. Fastest growing of all spruces. Grows in most soils except where water soaked. Great for windbreaks and wildlife cover. Plant spacing is 20'-25' in windbreaks and 12'-15' in wildlife plantings.

White Cedar (Techny Arborvitae) – Available in pots only- A cultivar 15' to 20' tall, dark green color, medium to fast growth rate, and makes a dense, dark green screen. Plant 4'- 8' spacings. {Techny is shorter and narrower width (6'-8')}

White Pine- A tall, fast growing tree, which can grow to 80' tall. Prefers well drained, moist soils. Good tree for windbreaks, wildlife cover and lumber production. Plant to plant spacing is 20'-25' in windbreaks and 12'-15' in wildlife plantings.

White Spruce- Pyramidal tree that grows to 50'. Has short green needles. Prefers moist, well-drained soil. Excellent windbreak and wildlife cover. Plant to plant spacing is 15'-20' in windbreaks and 12'-15' in wildlife plantings.

DECIDUOUS TREES



Bitternut Hickory- Medium to large tree growing 50 to 75' tall. Prefers moist soils, but will grow in dry conditions. Prefers full to partial sun. Great tree for erosion control due to its deep lateral system of roots.

Quaking Aspen – White bark and good for use as landscaping tree, wildlife, and paper pulp. Grows to 40-70' and spreads by root suckers. Tolerates a wide range of soil types including sandy soils.

Basswood (American Linden)- A medium sized to large tree that grows 60 to 80' tall. Fast-growing and tolerant of most soil types but prefers well drained soils. Prefers full sun. Suitable for windbreaks, wildlife habitat, and riparian plantings. Flowers are desirable for pollinators. Plant 15-20' apart in windbreaks.

Paper Birch- A fast-growing native tree that grows to 70' tall. Prefers full sun and well-drained soils. Best known by its distinctive white, flaking bark. Leaves turn bright yellow in the fall. Popular landscape tree and great for riparian buffers and wildlife plantings. Plant to Plant spacing in wildlife plantings is 10'-15'.

Red Oak- Tall, fast growing, long-lived, native hardwood tree which will grow from 50' to 70' tall. Prefers moist well-drained soils. Dark red leaves in the fall. Plant to plant spacing is 12'-15'.

White Oak- A tall, moderately fast growing, long-lived, native tree. Prefers moist, well-drained soils. Does not do well in poorly drained sites. Plant to plant spacing is 12'-15'. Grows 50' to 70'.

Sugar Maple- Tall, native tree which grows from 50'-70'. Prefers moist, well-drained soils. Good wildlife tree – some lumber production. Used for the extraction of maple syrup. Plant 12'-15' apart in wildlife plantings.

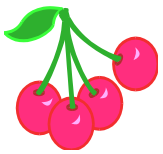
Swamp White Oak- A 40' to 60' long-lived hardwood that prefers moist to wet soils. Good tree for lowland areas & wildlife. Plant 12'-15' apart.

Peach Leaf Willow- A fast-growing, small to medium tree with weeping branches that grows up to 40' tall. Prefers sites that are wet, such as stream and lakesides. A great tree to control soil erosion and attracts pollinators and wildlife. Full sun to part shade. Plant to plant spacing is 5 to 8 feet part. **Do not plant near tile lines.**

American Plum- A small, understory tree that grows from 10 to 24 ft. tall. It is one of the first trees to bloom in the spring with fragrant, white flowers. Fruits ripen in late August to mid-September. Excellent tree for wildlife. Plums can also be made into jelly, sauces, and dried fruits for human consumption. Plant to plant spacing is 8' to 10' apart.

Red Splendor Crabapple- A small, non-native tree that grows 20 to 30 feet in height. Grows in most soil conditions and prefers full sun. In the spring, it blooms with pink flowers which turn into small, apple-like fruits, 1/2 inch in diameter. It retains its fruits into winter, making it a great food source for wildlife. Fruit is toxic to humans. Plant to plant spacing is 12'-15' apart.

SHRUBS



American Cranberrybush- Large native shrub which may grow 8' to 12'. Prefers moist well-drained soils. Fall foliage is reddish purple with red berries that hang on into winter. Great wildlife food/cover. Plant to plant spacing is 6'-8'.

Arrowwood- A medium-sized shrub which grows from 6' to 10'. Prefers well-drained soils and full sun to part shade. Non-fragrant white flowers in spring, followed by blue/black berries that are attractive to wildlife. Plant 4-6 feet apart.

Chokeberry (Mackenzie's Black)- Also known as Aronia berry, a medium sized shrub 5-10 ft. tall. Produces edible purple berries. Will grow in many environments and is shade tolerant. Good for windbreaks/wildlife plantings. Plant 4-6 feet apart.

Hazelnut- Native shrub that grows from 10' to 15'. Nuts are readily eaten by humans, as well as wildlife. Plant to plant spacing is 4'-6'.

Juneberry- Small native shrub, which grows to 15 feet tall. Grows well on most soils, except wet soils. Grows in both sun and shade. Its blue-black berries, which ripen in summer, are great for pie making and are readily eaten by birds. Fall foliage is yellow-orange to red-purple. Plant to plant spacing is 4'-6'.

Common Purple Lilac- A large shrub with bright green foliage and showy purple flowers. Grows to 10' in most soils. Plant to plant spacing is 4'-6'.

Redosier Dogwood- Fast growing, native shrub with red bark that grows to 10'. Fruits are white berries that are readily eaten by birds. Grows best on heavy soils, but grows anywhere in sun or shade. Great wildlife shrub. Plant 4'-6' apart.



1810 30th Street NW
Faribault, MN
55021
507-332-5408



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