

North Dakota Tree Selector

Scientific Name: *Populus* hybrids

Family: Salicaceae (Willow)

Hardiness: Zone 3

Leaves: Deciduous

Plant Type: Tree

Growth

Rate: Fast

Mature Height: >45'

Longevity: Medium

Power Line: No

Ornamental

Flowers: Inconspicuous

Fruit: n/a

Fall Color: Yellow

Hybrid Poplar

Description

Many hybrid clones between *Populus* species have been planted in the northern Great Plains. Most hybrids grow very fast but often lack the cold and drought hardiness of the native cottonwood. The most common parent species of these hybrids are cottonwood (*Populus deltoides*) and black poplar (*Populus nigra*). These hybrids are referred to as the *P. x euramericana* hybrids. Other species that have been crossed with cottonwood include balsam poplar, Japanese poplar and Russian poplar.

Preferences

Light: Full sun required.

Water: Prefers moist sites. Will not tolerate drought.

Soil: Clay loams to sandy loams preferred.

Comments

A large number of cultivated varieties are available. Some varieties that have had good growth and have shown good disease resistance include: Canam Poplar (*P. x 'Canam'*), Charkowiensis Incrassata Poplar (*P. x 'Charkowiensis Incrassata'*), Manitou Poplar (*P. x 'Manitou'*), Prairie Sky Poplar (*P. x euramericana 'Prairie Sky'*), and Walker Poplar (*P. x 'Walker'*).

Credits: Tree Selector Website, North Dakota Tree Handbook



NDSU www.ag.ndsu.edu/tree-selector