

North Dakota Tree Selector

General

Scientific Name: *Alnus hirsuta* cv. 'Harbin'

Family: Betulaceae (birch)

Hardiness: Zone 3

Leaves: Deciduous

Plant type:
Medium Tree

Growth

Rate: Medium

Mature height: 25'-45'

Longevity: Long

Power Line: No

Ornamental

Flowers: Purple catkins in the spring

Fruit: Brown cone-like fruit (persistent through winter)

Fall Color: Yellow

Prairie Horizon™ Manchurian Alder

Description

A handsome tree with strong upright growth, this alder was the most drought tolerant in NDSU Trials. This alder has dark green foliage and is a rapid grower to 25-45' tall. Purple catkins and clusters of brown cone-like fruit add interest in winter. Prairie Horizon™ will reach 25 feet in 18-20 years.

Preferences

Light: Full sun to full shade

Water: Tolerates a wide range of conditions from dry soil to standing water

Soil: Adaptable to many soil types

Comments

Manchurian alder is ideally suited to grow in both shade and sun for naturalized woodland gardens. It has a strong central leader and traditionally requires only occasional pruning. If pruning is needed prune in late winter after extreme cold has passed. Prairie Horizon™ Manchurian alder is also fairly tolerant of urban pollution.

Credits: NDSU Tree Selector Website, http://plants.gertens.com/12070009/Plant/4299/Prairie_Horizon_Alder



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