

North Dakota Tree Selector

General

Scientific Name: *Ulmus davidiana* var. *japonica*

Family: Ulmaceae (Elm)

Hardiness: Zone 3

Leaves: Deciduous

Plant Type: Tree

Growth

Rate: Fast

Mature Height: 25-45'

Longevity: Long

Power Line: No

Ornamental

Flowers: Inconspicuous

Fruit: Tan samara

Fall Color: Yellow

Japanese Elm

Description

A hardy, spreading, umbrella-shaped tree native to Japan and northeastern Asia. This species is reported to be highly resistant to Dutch elm disease and is used to develop resistant cultivars.

Preferences

Light: Full sun to part shade.

Water: Medium.

Soil: Adapted to saline, alkaline and dry sites.

Comments

Do not prune between mid-April and mid-October when beetles are flying to prevent disease spread. Growth rate of Japanese elm is highly variable among trees, sites and cultivars. See NDSU Extension publication F1893 (Elms for North Dakota) for more information on Japanese elm and other elm species and varieties. Japanese elm cultivars include:

'Discovery' - Very slow growing, dense cultivar.

'Freedom' - Very cold hardy but has mixed success in cities across North Dakota. Spreading, mushroom-shaped crown.

Northern Empress® - Beautiful burgundy fall color. NDSU release.

Credits: Tree Selector Website, <http://www.mortonarb.org/trees-plants/tree-plant-descriptions/accolade%E2%84%A2-elm>

