F2156 (June 2024)
Joseph Zeleznik, Ph.D., Extension Forester

TOTATICS SCIENTIFICATION

TOTATICS

### **General**

Scientific Name: Ulmus pumila

Family: Ulmaceae (Elm)
Hardiness: Zone 3
Leaves: Deciduous
Plant Type: Tree

# Growth

Rate: Fast

Mature Height: >45' Longevity: Medium Power Line: No

# **Ornamental**

Flowers: Inconspicuous

Fruit: Tan samara
Fall Color: Brown

# Siberian Elm

# **Description**

A very hardy, fast growing tree with brittle wood which is subject to breakage. Extremely susceptible to insect, disease, and herbicide damage, which makes it an undesirable tree. Often confused with Chinese elm (*Ulmus parvifolia*) which is not hardy in North Dakota. The largest tree in North Dakota is 60 feet tall with a canopy spread of 55 feet.

#### **Preferences**

Light: Full sun.

Water: Dry to medium.

Soil: Tolerant of poor sites and drought.

# **Comments**

Very tolerant of city pollution. Commonly used in shelterbelts, however it does have a lifespan of 40-50 years. Can become invasive, especially in abandoned fields.







Credits: Tree Selector Website, http://www.missouribotanicalgarden.org/PlantFinder/PlantFinderDetails.aspx?kempercode=a925



North Dakota State University Fargo, North Dakota

The NDSU Extension does not endorse commercial products or companies even though reference may be made to tradenames, trademarks or service names. County commissions, North Dakota State University and U.S. Department of Agriculture cooperating. NDSU does not discriminate in its programs and activities on the basis of age, color, gender expression/identity, genetic invantion, martial status, national origin, participation in lawful off-campus activity, physical or mental disability, pregnancy, public assistance status, race, religion, sex, sexual orientation, spousal relationship to current employee, or veteran status, as applicable. Direct inquiries to Vice Provost for Title IX/ADA Coordinator, Old Main 201, NDSU Main Campus, 70 231-7708, ndsu.eoaa@ndsu.edu. This publication will be made available in alternative formats for people with disabilities upon request, 701-231-7881.