Tatarian Maple
Tatarian Maple
(\textit{Acer tataricum})

**General Description**
A very tall shrub to small tree native to western Asia. Slightly larger in stature than Amur maple, but with slightly duller foliage and yellowish fall color. Attractive rosy-red seeds. The largest tree in North Dakota is 24 feet tall with a canopy spread of 27 feet.

**Leaves and Buds**
Bud Arrangement - Opposite.
Bud Color - Black-brown, imbricate.
Bud Size - Small, 1/8 to 1/4 inch.
Leaf Type and Shape - Simple, broadly-ovate, no prominent lobes as on Amur Maple.
Leaf Margins - Irregularly doubly-serrate.
Leaf Surface - Slightly crinkled leaves, glabrous above, glabrescent beneath.
Leaf Length - 2 to 4 inches.
Leaf Width - 2 to 3 inches.
Leaf Color - Leaves dull to dark green; yellow in autumn.

**Flowers and Fruits**
Flower Type - Borne in 2 to 3 inch long panicles.
Flower Color - Greenish-white.
Fruit Type - Paired samaras (schizocarp).
Fruit Color - Rosy-red, variable in intensity, showy.

**Form**
Growth Habit - Multi-stemmed, rounded in outline.
Texture - Medium, summer; medium, winter.
Crown Height - 18 to 30 feet.
Crown Width - 15 to 25 feet.
Bark Color - Brown, glabrous, lenticelated.
Root System - Somewhat shallow.

**Environmental Requirements**

**Soils**
Soil Texture - Adaptable to a variety of soils.
Soil pH - 4.5 to 7.5. Reported to have better alkaline tolerance than Amur Maple.
Windbreak Suitability Group - 1, 3, 5.

**Cold Hardiness**
USDA Zone 2.

**Water**
Prefers moist well-drained soils. Moderately drought tolerant.

**Light**
Full sun to partial shade.

**Uses**

**Conservation/Windbreaks**
Large shrub or small tree for farmstead windbreaks, and riparian plantings.

**Wildlife**
Browsed by deer and rabbits. Seeds eaten by squirrels. Fair cover for songbirds.

**Agroforestry Products**
Wood - Hobby uses and/or firewood.
Medicinal - Extracts of some \textit{Acer} species are used in cancer research and as an astringent.

**Urban/Recreational**
Useful in home landscapes, borders, and parks.

**Cultivated Varieties**
Red Tatarian Maple (\textit{Acer tataricum} 'Rubrum') - Red fall color.

**Related Species**
Amur Maple (\textit{Acer ginnala})
Hybrid Maple - (\textit{A. ginnala} x \textit{A. tataricum}) - Many Amur Maple plants sold commercially exhibit intermediate characteristics and appear to be hybrids between these two species.

**Pests**
No major pest problems. Extracts of various \textit{Acer} species have been toxic to insect pests.