

American Elm Restoration on the Chippewa National Forest

2010 Accomplishments

The USDA Forest Service Native Plant Materials program paid for the development of 403 American elm seedlings that are crosses between Dutch elm disease tolerant American elm cultivars, and surviving American elm trees on the Chippewa National Forest.

The pollination occurred in the spring of 2010, at the Northern Research Station in Delaware, Ohio. The seedlings were grown as tublings in a greenhouse, and later put into pots and moved to a lath house. At the end of the summer they averaged five feet in height.

These trees will be moved to the Blackduck District tree cooler the first week of November, on the Chippewa National Forest. Here they will be over-wintered. They will then be planted in the three study plots in April, 2011. This will complete the production of seedlings for this research project.



Figure 2. Blackduck Elm Site



Figure 1. Pollinating Field Tree

Year Awarded: 2009

Project completion: 2017

Expenditures (through 10/2010):

FY09 \$9,500

FY10 \$11,251

•**Total funding \$20,751**

Cooperators

Leech Lake Band of Ojibwe

Minnesota Department of Natural Resources

USDA FS State and Private Forestry

USDA FS Northern Research Station

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