

FORESTRY ARBORETUM AND ARBOR DAY PLANTING

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SUMMARY

Very important components of the Dickinson Research Extension Center are the forestry/horticulture plantings. Existing, along with new, plantings make the center a very logical place for the establishment of a forestry arboretum. With the existing trees, the major requirement was to provide identification of these trees.

Once the arboretum is in place, a public relations campaign will be implemented to encourage the use of this arboretum as an outdoor classroom for area schools, organizations and any individuals interested in learning more about trees and shrubs. This will serve as a real useful community educational environment.

The 1994 Dickinson Arbor Day program was held at the Dickinson Research Extension Center and featured an adopt-a-tree planting program. Trees planted will be included in the total arboretum project.

PROJECT OBJECTIVES:

- To establish an outdoor arboretum to be utilized by residents of Dickinson and surrounding communities.
- To make the arboretum available as a teaching aid for area schools and other organizations.
- To foster and strengthen community relations with the Dickinson Research Extension Center.

- To enhance public awareness of the horticulture/forestry plantings already in place at the Dickinson Research Extension Center.

MATERIALS AND METHODS:

Two major projects were completed this year:

1. Over 50 trees and shrubs were identified with common and scientific names at the Dickinson Research Center Woody Field Evaluation Plot. This plot was established by the Plant Materials Center from Bismarck.
2. A total of 44 trees were planted on the Dickinson Research Extension Center grounds during the 1994 Dickinson Arbor Day Program. Trees were adopted/sponsored by local individuals, businesses, organizations and cooperating agencies.

RESULTS AND DISCUSSION:

Outdoor Arboretum:

Our local Master Forestry Volunteers assumed the responsibility of identifying trees that are included in the Dickinson Woody Field Evaluation study. Volunteers identified the type of signs to be used. Signs were purchased from Roughrider Industries through funds received from a North Dakota Soil Conservation Districts grant.

Signs are similar to small street signs and include both the common and scientific name of trees and shrubs included in this planting. Rebar posts were used, metal plates were welded onto the rebar, and the signs were riveted on the metal plants. The metal plates and rebar were donated by Fisher Industries. The welding of signs was provided through the cooperation of the Dickinson High School welding class.

Individual volunteers that assisted with placing the signs and sign development were: Jon Stika, Leonard Hibel, Leo Ladbury, George Stull and Bonnie Twogood.

A brochure is currently being developed that will be a map of the site indicating the different tree species included in this planting. This will be available for individuals while touring this planting.

Tree signs were also developed and placed by trees along the walking trails located just south of the research center in the Dickinson Recreation Building complex. This will be another component of our outdoor arboretum.

Arbor Day Planting:

A major program of the Dickinson Urban Forestry Committee is their sponsorship of the annual Dickinson Arbor Day Program. This year's Arbor Day event was held on May 14 at the Dickinson Research Extension Center.

This year's event again featured an adopt-a-tree program which involves the adoption of trees by local businesses, individuals and organizations which are planted during the program. An adopt-a-tree sponsorship form is attached. Trees provided ranged from 5-foot potted trees to 2 $\frac{21}{16}$ -inch caliper balled and burlaped trees.

A total of 44 trees were planted of the following species: chestnut crabapple, ure pear, silver maple, amur clump maple, toba hawthorn, redmond linden, Underwood plum, Waneta plum, rose tree of China, honey crisp apple, red dutchess apple, Hazen apple, haralred apple, harbin pear, amur maple, clump birch, centennial crabapple, parker pear, Pembina pear and scotch pine.

1994 adopt-a-tree sponsored included:

- Badlands Human Services employees
- Jeff & Paulette Riehl
- Frank & Doris Kubik
- Mackoff, Kellogg, Kirby & Kloster, PC
- zumBrunnen Architect
- Slope Area Retired Teachers Association
- M.J. Armstrong & family in memory of Bonnie Malarchick
- TMI
- Edward Kluk
- Dickinson Area Chamber of Commerce Ag. Committee
- Keith Fernsler

- Paula Martin
- Ray Wheeler
- Debora Dragseth
- Hardin Aasand and Amy Kraus
- Chandra Heglund
- Mildred Monke
- Joyce & Duane Wahl
- Cora Gilsdorf
- Kadrmas, Lee and Jackson, PC
- Community First National Bank
- Dakota Rubber Stamp
- Montana Dakota Utilities
- Doug & Bradley Jaeger
- Tom Ribb
- Kenneth & Mary Mann
- Lois & Peter Hinrichs
- Leroy Oberlander
- Boyd Binde
- Corey Freije
- John Ballard
- Marshall Melbye
- Mike & Marcia Frank
- Steve Robbins
- Dave & Jane Hoerner
- Gladys & Ed Rakowski
- Agnes Fisher (in memory of Sue Blunt)
- St. Joseph's Hospital & Health Center
- Curtis Glasoe Family
- Robert Weir
- Reichert, Buresh, Herauf & Ficek Law Firm

- Sandee & Mark Hinrichs
- Alvin Leiss

This Arbor Day planting greatly enhanced the landscape in an extremely visible area located along the highly-travelled State Avenue. The Dickinson Parks and Recreation District has agreed to maintain these trees which is a very helpful contribution. This cooperative effort proved to be very successful.

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