



Minnesota Landscape Arboretum Statistical Summary 2008

Vision

To be the world-class northern arboretum.

Mission

To be a resource for horticultural and environmental information, research and public education. To inspire and delight visitors with quality plants in well designed and maintained displays, collections, model landscapes, and conservation areas.

Geography

The Minnesota Landscape Arboretum's location:

44° 51' 30" latitude

93° 35' 63" longitude

Average elevation 950' above sea level with

Range from 942' to 1062'

Average temperature Summer 26.6° C (79.9 F)

Average temperature Winter -12° C (10.4 F)

Located in the Big Woods – maple (*Acer*), basswood (*Tilia*), mixed oak (*Quercus*), woodland – edge of tall grass prairie

Invasive species – *Lythrum*, *Rhamnus*, *Phalaris* (reed canary grass)

Statistics

University Location: Department of Horticultural Science, College of Food, Agricultural and Natural Resource Sciences.

Area: 1047 acres – propose to purchase 120 more for watershed protection and to tie lands together.

History:

Horticultural Research Center founded in 1908

Arboretum proper founded in 1958

Visitorship:

FY08 – 300,983

Membership:

FY08 – 20,192

(Members in 86 of Minnesota's 87 counties)

Auxiliary members:

FY08 – 257

Volunteers:
FY08 – 698
Documented hours volunteered – 29,876
Total value - \$582,881

Staff:
FY08
Winter – 85-95 (73 FTE) (includes Library) (80 includes Library & Restaurant)
Summer – 230 (123 FTE) (includes Library) (150 includes Library & Restaurant)

Budget:
FY09 - \$9,915,485

Research Programs

(Department of Horticultural Science) Internationally recognized (139 total plant introductions)

Apples: Hardiness, disease resistance, storage capability
27 Introductions – most famous: Regent, Fireside, Haralson, Honeycrisp, Zestar!®, and SnowSweet®

Grapes: Hardiness, table, and wine (10 introductions)
Wine: Frontenac, La Crescent, Frontenac gris, Marquette
Table: Edelweiss, Swenson Red, Bluebell

Other fruit: 69 varieties – pear, plum, apricot, raspberry, strawberry, blueberry

Northern Lights Azaleas: 14 cultivars – best known: Northern Lights, White Lights, Golden Lights. New: Tri-Lights, Lilac Lights, Candy Lights

Trees: 15 cultivars – best known: Northwood and Autumn Spire Red Maple, Northland Strain Redbud

Miscellaneous Landscape Plants: 10 cultivars – best known: Northern Sun, Forsythia, Cardinal Dogwood, Princess Kay Plum, Northern Pearls Pearlbush

Ornamental Grass: hardiness studies – best known: Blue Heaven™, Little Bluestem

Wetland Restoration: Research and demonstration
Spring Peeper Meadow, 13-acre ecological restoration

Education Program:

FY08

Children: National Award winning program. Total Participants 2008: 55,134
School classes, basic sciences, on and off-site: 34,922
Summer Programs, sciences, life skills, on and off-site: 4,410
Family Programs: 15,802

Adult: Total Participants 2008: 3,724
Public Policy Symposia: 2,112
Informal classes: 1,612

Special Audience: International Recognition: Total Participants 2008: 5,131
Horticultural Therapy: People served:
Community Outreach – 3,000
Training – 595

Program Attendees – 1,510
University credit classes – 26

Andersen Horticultural Library: International Recognition

17,200 volumes

50,000+ seed and nursery catalogue collection

Publications: 6 books, 6 issues of *Flowering Plant Index*, and one cumulative index, 6 editions of *AHL Source List of Plants and Seeds* (*6th Edition lists 90,000 plants*)

Plants on Line: Information on where to purchase plants

1,028 North American Nurseries

106,298 plants

372,019 citations to 138,684 plants in science & garden literature

Link to selected websites for images & regional info about 6,000 plants

Access info on 2,429 North American Seed and Nursery firms

Gardens & Collections

Over 5,000 taxa displayed throughout the gardens and collections.

Displays and Model Landscapes: 17 displays and models. Landscape models for various functions such as parking lots, back yards, recreated natural areas. Major models and displays include the Home Demonstration Gardens, parking lot plantings, restored native landscapes, Rainwater Runoff Model, Rain Gardens, Bailey Shrub Walk, Pillsbury Shade Tree Exhibit and Maze Garden.

Collections: 45, including major collections of crabapple, pine, maple, roses ornamental grasses and major groups of herbaceous perennials.

Gardens: 28, with formal gardens including six herb gardens, multiple perennial gardens, three rose gardens, hosta glade, annual garden and prairie garden.

As of September, 2008