

**Minnesota Landscape Arboretum
Statistical Summary
2009**

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: 1137 acres

History:

Horticultural Research Center founded in 1908

Arboretum proper founded in 1958

Visitorship:

FY09 – 321,993

Membership:

FY09 – 21,140

(Members in 87 of Minnesota's 87 counties)

Auxiliary members:

FY09 – 262

Volunteers:

FY09 – 715

Documented hours volunteered – 32,185

Total value - \$651,746.25

Staff:

FY09

Winter – 95-105 (78 FTE) (includes Arboretum, HRC & Library)

Summer – 199 (105 FTE) (includes Arboretum, HRC & Library)

Budget:

FY10 - \$9,451,037

Research Programs

Department of Horticultural Science Internationally recognized, 155 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: 66 varieties – pear, plum, apricot, raspberry, strawberry, blueberry

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

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

Miscellaneous Landscape Plants: best known: Northern Sun,

Forsythia, Cardinal Dogwood, Princess Kay Plum, Northern Pearls

Pearlbush, Sven, Ole, and Lena Rose

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

Wetland Restoration: Research and demonstration

Spring Peeper Meadow, 13-acre ecological restoration

Education Program:

FY09

Children: National Award winning program. Total Participants 2009: 50,098

School classes, basic sciences, on and off-site: 33,702

Summer Programs, sciences, life skills, on and off-site: 3,374

Family Programs: 13,022

Adult: Total Participants 2009: 3,386

Public Policy Symposia: 245

Informal classes: 3,141

Special Audience: International Recognition: Total Participants 2009: 5,365

Horticultural Therapy; total served:

Community Outreach – 3,000

Training – 875

Program Attendees – 1,450

University credit classes – 40

Andersen Horticultural Library: International Recognition

14,813 volumes

53,000+ 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*)

Plant Information Online: Information on where to purchase plants

11,002 North American Nurseries

109,819 plants

384,996 citations to 245,554 plants in science & garden literature

Link to selected websites for images & regional info about 13,612 plants

Access info on 2,534 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.