

**Minnesota Landscape Arboretum
Statistical Summary
2011**

Vision

To be the world-class northern arboretum.

Mission

To be a resource for horticultural and environmental information, plant research and conservation, and public education. To inspire and delight visitors with quality plants in well designed and maintained displays, collections, model landscapes, and natural 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: College of Food, Agricultural and Natural Resource Sciences.

Area: 1137 acres

History:

Horticultural Research Center founded in 1908

Arboretum proper founded in 1958

Visitorship:

FY11 – 334,658

Membership:

FY11 – 22,491 member households

Auxiliary members:

FY11 – 230

Volunteers:

FY11 - 977

Documented hours volunteered – 33,783

Total value - \$721,604.88

Staff:

FY11

Winter – 120-125 (78 FTE) (includes Arboretum, HRC & Library)

Summer – 243 (105 FTE) (includes Arboretum, HRC & Library)

Budget:

FY12 - \$10,382,429

Foundation:

35 Elected Members

Fiduciary responsibility for Arboretum endowment (c. 25 million)

Research Programs

Department of Horticultural Science Internationally recognized, 155 total plant introductions

Apples: Hardiness, disease resistance, storage capability

26 Introductions including Fireside, Haralson, Honeycrisp, Zestar!®, SnowSweet® and SweeTango®

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

Center for Plant Conservation: Participating institution in National Network

Education Program:

FY11

Education Department Total Served: 64,002

Children: National Award winning program. Total Participants 2011: 51,068

Field Trip & Plantmobile: 37,317

Summer Programs, sciences, life skills, on and off-site: 710

Family Programs: 13,041

Adult: Total Participants 2011: 7,569

Public Policy Events: 1,237

Informal Classes: 1,550

Tour Guides: 4,782

Special Audience: International Recognition: Total Participants 2011: 5,365
Horticultural Therapy

Community Outreach: 3,000
Training: 875
Program Attendees: 1,450
University Credit Classes: 40

Andersen Horticultural Library: International Recognition

17,280 book volumes
8,142 journal volumes
58,750 seed and nursery catalogue collection
Publications: including 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

1,100 North American nurseries catalogs indexed
105,000 plants
358,000 citations to 161,000 plants in science & garden literature
Link to selected websites for images & regional info about 19,000 plants
Access info on 2,600 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, Maze Garden, and Wurtle Bog Walk.

Collections: 45, including major collections of crabapple, pine, maple, roses ornamental grasses and major groups of herbaceous perennials. Pine and grass collections under NAPCC review.

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