

PARTNERSHIPS

- Michigan Department of Natural Resources
- U.S. Department of Energy
- Sleeping Bear Dunes National Lakeshore
- Apostle Islands National Lakeshore
- Isle Royale National Park
- Conservation Districts
- State Conservation Association
- Native Plant Associations
- Purdue University
- University of Wisconsin
- Michigan State University
- University of Queretaro, Mexico
- U.S. Environmental Protection Agency
- Native American Tribes
- USDA Agriculture Research Service

PMC PLANT RELEASES

- 'Indigo' silky dogwood
- 'Redwing' autumn olive*
- 'Lancer' perennial pea
- 'Mackinaw' birdsfoot trefoil*
- 'Magenta' hybrid crabapple
- 'Roselow' sargent crabapple
- 'Imperial' Carolina poplar
- 'Affinity' northern white cedar
- Leelanau Germplasm highbush cranberry
- Southlow Michigan Germplasm little bluestem
- Southlow Michigan Germplasm big bluestem
- Southlow Michigan Germplasm indiagrass
- Southlow Michigan Germplasm switchgrass

*No longer maintaining or providing foundation seed for these species.

To obtain information on conservation uses for these varieties, contact your local NRCS office. To obtain seed or plants contact your commercial seed vendor or nursery in your area or call your NRCS for local vendors.

OUR WEBSITE

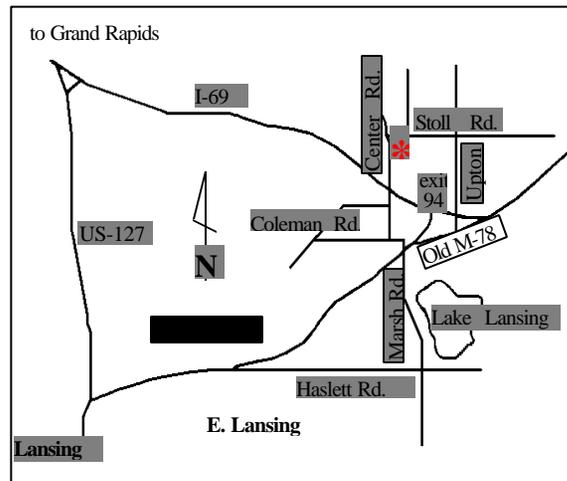
Visit our Plant Materials Internet site at:
<http://Plant-Materials.nrcs.usda.gov> to find more information on solving conservation problems using plants.

CONTACT INFORMATION

Rose Lake PMC
7472 Stoll Road
East Lansing, MI 48823
Phone: 517-641-6300
Fax: 517-641-4421

Plant Materials Specialist
3001 Coolidge Rd., Suite 250
East Lansing, MI 48823
Phone: 517-324-5242
Fax: 517-324-5171

VISITING THE PMC



Visitors are welcome at the Rose Lake Plant Materials Center. The center is open Monday-Friday 8:00AM - 4:30PM. Please call the PMC to ensure that someone will be available.

Rose Lake PMC is located on the northeast side of East Lansing, MI. Take I69 exit # 94 East Lansing; turn east on Old M78, North on Upton Rd. and West on Stoll Rd. The PMC is approximately 1 mile east on Stoll Rd.

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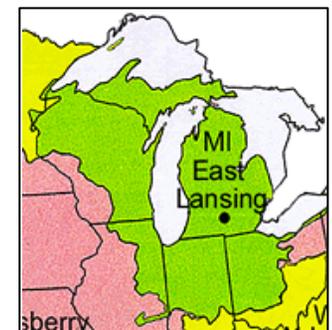
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Rose Lake Plant Materials Center East Lansing, MI



Serving Illinois,
Indiana, Michigan,
Ohio, Wisconsin,
Minnesota,
Pennsylvania, and
New York



WHAT WE DO...

The Rose Lake Plant Material Center (PMC) is one of a national network of plant centers dedicated to providing vegetative solutions to conservation problems. The center is located in East Lansing, MI. The center consists of 40 acres owned by Michigan Department of Natural Resources and operated by the U.S. Department of Agriculture under a partnership agreement with the Natural Resources Conservation Service (NCRS).

Vision and Purpose – The purpose of Rose Lake PMC is to administer an innovative program, integrated within the Natural Resources Conservation Service operation, that is responsive and flexible, addressing traditional and non-traditional customer needs and resource concerns. The center has been in operation since 1958 with facility upgrades in 1990. Greenhouse additions were made in 2000. The center is equipped for the collection, testing and release of well adapted, desirable plants that contribute to the National NRCS effort to help people to conserve, improve and sustain our natural resources and the environment.

PRIMARY FOCUS - The primary focus of the Rose Lake PMC is:

- Increasing the availability of native species
- Management and monitoring of invasive species
- Outreach to traditionally underserved customers
- Protecting, creating and restoring wetlands, riparian areas, buffers and streambanks.
- Innovative conservation technologies
- Brush layer boxes and vegetative barriers
- Training and information development
- Waste and nutrient management
- The selection of big bluestem for forage production.



Harvesting Southlow Michigan Germplasm
switchgrass



Big bluestem forage study

DEVELOPING PLANT MATERIALS

When conservation problems are identified, the PMC searches for the best plants or plant technologies to solve the problem. The process of selecting plant materials involves the following consecutive stages.

- Assembly of Plant Materials
- Assembly of plant materials in initial evaluation at PMC
- Initial seed and plant increase
- Advanced evaluations in comparison with standards at PMC or off-center
- Field-scale seed and plant increase
- Final testing in field plantings, in comparison with standards in conservation districts
- Name and release of new cultivars with experiment station and other agencies
- Production of foundation seed
- Commercial production of released material
- New plant release available for use
- Market new plant release

TYPES OF PLANTINGS

Field Plantings: Final stage of technology development or plant selection; plantings used primarily by the Plant Materials Specialist to develop new methods or technology or evaluate the adaptability of new releases; data is collected and analyzed statistically.

Educational Plantings: Plantings designed to introduce the establishment and uses of new or potential releases to the public. Educational plantings show one or more conservation practice uses for the plant materials, possibly in comparison to a standard cultivar of species; plantings may be established on or off-center.

Demonstration Plantings: A planting used primarily to promote use and acceptance of new technology or releases; no evaluations are done and no data is collected.

Off-center Evaluations: Plantings used by PMCs to evaluate release of technology off the center; data is collected and analyzed statistically.

Conservation Field Trials: Plantings for evaluating new technology, species or plant releases that address local soil and water resource problems; develop new technology, evaluate releases, and promote plant material products. Qualitative or quantitative data is collected.

Performance Trials: Plantings designed to test a potential plant release for reliability in a particular conservation application. May require multiple plantings and/or off-center sites. Standards for comparison are to be included if available.

