

## **MICHIGAN PERENNIAL FORAGE GRASS VARIETY TRIALS, 2009**

Richard H. Leep, Department of Crop and Soil Sciences, Michigan State University

The Michigan Agricultural Experiment Station will accept proprietary varieties and experimental strains of perennial forage grasses for evaluation at two locations in 2008.

### 1. Description of Trial. **Standard Hay and Grazing Variety Trials**

Locations: East Lansing hay and Chatham (UP Experiment Station) grazing  
Management: Hay : three harvests per year/ Grazing: harvest number may vary  
Data Collected: Hay: Forage yield/ Grazing: yield and preference  
Duration: Three harvest years or less if a variety does not persist

Trials are seeded with a five-row nursery seeder with six-inch spaces between rows in plots 3 feet wide and at least 20 feet long (generally 22-25 feet). Twin plots will be seeded for the grazing trials with half of the plot harvested prior to grazing. A minimum of four replications is used. The trials are harvested with a Carter self-propelled forage flail harvester.

Michigan State University will conduct the trials in a professional manner but assumes no financial liability for failure to obtain stands or loss of stands due to uncontrollable conditions.

2. Eligibility of Entrants. Private developers or merchandisers of grass varieties or other Agricultural Experiment Stations may enter varieties or experimental strains. The developing firm (unit) or merchandiser will make application for entry company.
3. Rejection. Any entry may be rejected if: (1) There is misrepresentation. (2) Seed arrives too late for planting. (3) Adequate seed is not available. (4) The trial is cancelled. (5) Seed is a blend.
4. Entry Fee. **\$500.00** per variety in East Lansing/ \$250 per variety in Chatham **Make checks payable to Michigan State University/Grass Trials** and send to Dr. Richard Leep, 286 Plant and Soil Science, Dept. of Crop and Soil Sciences, Michigan State University, East Lansing, MI 48824.
5. Deadline for Entry. The applications should be in the possession of Dr. Rich Leep, Department of Crop and Soil Sciences, Michigan State University, East Lansing, Michigan 48824, FAX: (517) 353-3515, e-mail: leep@msu.edu by **March 27, 2009**.
6. Seed Required. Seed should be received at MSU by **April 3, 2009**. Arrangements may be made with MSU to deliver commercial seed through local dealers, distributors, or other sources. If germination rates are above 90% the following weights apply: **300 g per trial**
7. Publication. Data will be analyzed statistically and summarized annually. Each entrant will receive a yearly summary of the data in early January. The results of commercially available varieties may be published by the Michigan Agricultural Experiment Station or the Michigan State University Extension Service, Michigan Farm News and will be posted on the MSU Forage Information System website, [www.msue.msu.edu/fis/](http://www.msue.msu.edu/fis/)

**MICHIGAN 2009 PERENNIAL FORAGE GRASS VARIETY TRIALS**

Richard H. Leep, Department of Crop and Soil Sciences  
Michigan State University, East Lansing, Michigan

Submit one form for each variety or entry and send to the address below by **March 27, 2009**.

Seed (**300** grams) should be received by **April 3, 2009**.

Only genetically reproducible seed will be accepted.

1. Name of applicant \_\_\_\_\_

Contact person \_\_\_\_\_ E-mail \_\_\_\_\_

Would you still like a paper copy of the results, in addition to the Excel file that is sent via email? Yes No

2. Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone (\_\_\_\_) \_\_\_\_\_ Fax (\_\_\_\_) \_\_\_\_\_

3. Name or number of entry \_\_\_\_\_

(Please indicate name desired when data are reported)

4. Brief description \_\_\_\_\_

Is this a released variety? Yes No If, Yes: Marketer in Michigan \_\_\_\_\_

5. Maturity (circle one)

Early Medium Medium-late Late

6. Ploidy level (Ryegrass) \_\_\_\_\_

7. Rust Resistance (Ryegrass and Orchardgrass) Yes No

**TEST**

Date of Test \_\_\_\_\_ East Lansing \$500.00 \_\_\_\_\_

Purity \_\_\_\_\_ Chatham \$250.00 \_\_\_\_\_

Germination \_\_\_\_\_ Total \_\_\_\_\_

Send entry forms and check (**payable to Michigan State University/Grass Trials**) for all locations to:

Dr. Richard H. Leep  
286 Plant and Soil Science  
Dept. of Crop and Soil Sciences  
Michigan State University  
East Lansing, MI 48824