

MICHIGAN ANNUAL RYEGRASS VARIETY TRIALS, 2009

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

The Michigan Agricultural Experiment Station will accept proprietary varieties of **Annual/Italian ryegrass** seed for evaluation at East Lansing in 2009.

1. Description of Trials.

Location: Michigan State University Research Farm at East Lansing

Management: Hay production (2 or 3 cuttings)

Data Collected: Forage yield and Quality

Standard Trials are seeded with a five-row nursery seeder with six-inch spaces between rows at least 20 feet long (generally 22-25 feet). A minimum of four replications is used. The trial is harvested with a Carter self-propelled forage flail harvester when the average plant height (extended leaf) exceeds 8 inches and a subsample is obtained for dry matter determination. Forage quality will be monitored at each cutting by collecting a 500 g subsample and using NIRS with validation by “wet” chemical analysis to determine crude protein, neutral detergent fiber and acid detergent fiber.

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 merchandising 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. \$300.00 per variety **Make checks payable to “Michigan State University/Annual Grass Trials” and send to Dr. Richard Leep, 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, (269) 671-2323, FAX (269) 671-2104, e-mail: leep@msu.edu by **March 27, 2009.**

6. Seed Required. A minimum of 200 grams of 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.

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 and will be posted on the MSU Forage Information System web site, <http://www.msue.msu.edu/fis/>

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

Only genetically reproducible seed will be accepted. Blends will not be accepted.

Marketer (*for commercially released entries*)

Company _____

Contact _____

Address _____

City, State ZIP _____

Phone/FAX _____

E-Mail address _____

Breeder

Company _____

Contact _____

Address _____

City, State ZIP _____

Phone/FAX _____

E-Mail address _____

3. Name or number of entry _____
(Please indicate name desired when data are reported)

4. Brief description _____

Is this a released variety? Yes No

5. Maturity (circle one)
Early Medium Medium-late Late

6. Ploidy level (Ryegrass) _____

7. Rust Resistance Yes No

TEST

Date of Test _____

Fee: \$300.00

Purity _____

Germination _____

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

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