

MICHIGAN RED CLOVER VARIETY TRIALS, 2020

Dr. Kim Cassida and Joe Paling
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Michigan State University
East Lansing, Michigan

The Michigan Agricultural Experiment Station will accept proprietary varieties and experimental strains of red clover for evaluation at East Lansing in 2020.

1. Location. Michigan State University Research Farm at East Lansing. Trials are intensively managed for high yields with high fertility.
2. Description of Trials. 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). A minimum of four replications is used. Plots are harvested with a Carter self-propelled forage flail harvester.

Standard procedures for determining dry matter yield are used. Plots will be harvested for at least two years after the seeding year unless stands are injured by uncontrollable causes. Preferably, red clover will be seeded in the spring and harvested one or two times in the seeding year. Seeding may be delayed until late July or early August to achieve best results in stand establishment. Post-emergence herbicides may be used for weed control during the establishment year.

Data on stand longevity, disease reaction, and maturity will be obtained when appropriate. 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.

3. Eligibility of Entrants. Any entity may enter varieties, experimental strains, blends, or mixtures in the test provided they have legal permission to do so for protected varieties. This includes private or public developers, dealers, distributors or merchandisers of alfalfa varieties, other Agricultural Experiment Stations, non-profit groups, farmer cooperatives, or individuals.
4. Rejection. Any entry may be rejected if:
 - (1) The trial is cancelled. A minimum of 8 paid entries (excluding check varieties) will be required.
 - (2) There is misrepresentation.
 - (3) Seed arrives too late for planting.
 - (4) Adequate seed is not available.
 - (5) Seed is a blend.

5. Entry Fee.
Yield comparisons at East Lansing, \$480.00 per entry.

Make checks payable to Michigan State University/Forage and send to
Dr. Kim Cassida or Joe Paling, Department of Plant, Soil and Microbial Sciences, Michigan State University,
1066 Bogue Street, East Lansing, MI 48824.

6. Deadline for Entry.

The applications must be in the possession of Dr. Kim Cassida (517) 353-0278 Cassida@msu.edu or Joe Paling (517) 355-2287, FAX (517) 353-3515, Paling@msu.edu, Department of Plant, Soil and Microbial Sciences, 1066 Bogue Street, 286 Plant and Soil Science Building, Michigan State University, East Lansing, Michigan 48824, by April 15, 2020.

7. Seed Required. Seed must be received by April 15, 2020. Arrangements may be made with MSU to deliver commercial seed through local dealers, distributors, or other sources.

Released varieties: 200 grams of seed per entry.

Experimentals: 100 grams is adequate.

Seed treated with a fungicide i.e. Apron will be accepted. Seed will be inoculated with Rhizobium at MSU prior to planting.

8. Publication. Each entrant will receive a yearly summary of the data in November. The yearly summaries will be published in the *Michigan Farm News*. Complete test results will be published by the Michigan Agricultural Experiment Station or the Michigan State University Extension Service and will be posted on the MSU Forage Connection website <http://forage.msu.edu/>.

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Submit one form for each variety or entry and send to the address below by April 1, 2020.
Seed of released varieties (200 grams from a commercial source) and experimental entries (100 grams per location) should be received by April 15, 2020. Only genetically reproducible seed will be accepted. Blends will not be accepted.

1. Company _____
Contact person _____ Marketer _____
Email _____
2. Address _____
City _____ State _____ Zip _____
Phone (_____) _____ Fax (_____) _____
3. Name or number of entry _____
(Please indicate name desired when data are reported)
4. Brief description _____

5. Is this a commercially released variety? Yes No
6. Disease Resistance _____

Please list any addition e-mail addresses you would like the results sent to:

Date of Seed Test _____

Purity _____

Germination, quick _____

Germination, total _____

Scarified - yes or no (circle on)

Payable to **Michigan State University/Forage**: ATTN: Dr Kim Cassida (Cassida@msu.edu) or Joe Paling (Paling@msu.edu) Forage Testing, 1066 Bogue Street, A286 Plant and Soil Science Building
Department of Plant, Soil and Microbial Science, East Lansing, MI 48824