

# MICHIGAN STATE UNIVERSITY

---

## WHEAT BREEDING AND GENETICS

---

Department of Crop and Soil Sciences  
382 Plant and Soil Science Building  
East Lansing, Michigan 48824-1325

Janet Lewis, Wheat Breeder  
Cell: (517) 648-7139; Fax (517) 353-3515  
Email: lewisja6@msu.edu

Michigan State University Wheat Performance Trial Cooperators

Dear Cooperators,

Thank you very much for your contributions to the annual Wheat Performance Trial. I am considering some modifications for reporting the 2009 trial and onward. Until now, and including this year's report, both commercially available varieties and experimental varieties have been grouped together in the same report. It has come to my attention that, while cooperators may be interested in the performance of their experimental varieties in comparison with commercially available varieties, farmers could benefit from clarification about which lines are commercially available for sale, and which are not. Because of this, I am proposing the following:

1. I would like your feedback about us providing a full report (including experimental lines) to providers, and a separate "trimmed" report (focusing on commercially available lines) for farmers and perhaps the Michigan Farm News publication. The full report could also be available for the public if there is interest. I am interested in hearing your thoughts about this, since I do not know how each of you uses the report, and what would be most helpful to you.
2. Please indicate which lines you submit this year will be available for commercial sale the next fall. By doing this, I can gain a better perspective of the stage of development of varieties by different cooperators, and how each cooperator is using the trial.

We will decide how we will report the trial next year after receiving your feedback.

Sincerely,

Janet Lewis

Janet Lewis  
Wheat Breeder, Assistant Professor  
Department of Crop and Soil Sciences  
Michigan State University  
East Lansing, MI 48824

# MICHIGAN STATE UNIVERSITY

## WHEAT BREEDING AND GENETICS

Department of Crop and Soil Sciences  
382 Plant and Soil Science Building  
East Lansing, Michigan 48824-1325

Janet Lewis, Wheat Breeder  
Cell: (517) 648-7139; Fax (517) 353-3515  
Email: [lewisja6@msu.edu](mailto:lewisja6@msu.edu)

Enclosed is an entry form for the 2008-09 Michigan State University Wheat Performance Trials. If you would like to enter, please complete and e-mail, fax or mail a copy of the **entry form by August 29, 2008**. Fifteen pounds of **treated seed will need to be delivered on or before September 2, 2008** to guarantee entry, as time is needed to package and prepare the seed for a timely planting. Fees will be \$450 per variety entered. The Michigan State University Wheat Performance Trial will provide scientific wheat variety testing throughout the wheat growing counties in Michigan. All wheat seed marketing companies' participation is encouraged to provide Michigan farmers with a good representation of available varieties.

Plantings will be done at six locations. Tentatively, one will be located in each of the following counties: Huron, Ingham, Lenawee, Tuscola, Saginaw, and Sanilac. On campus there will also be a Fusarium Head Blight (scab) screening trial. This site will be inoculated, and mist irrigated. Data from this site will consist of, but may not be limited to, notes on Julian days to flower, and a scab incidence and severity rating. There will not be yield data taken from this site. The other six sites will have yield, test weight, and harvest moisture data. Selected sites will also likely include plant height, lodging score, Julian days to flower, powdery mildew score, milling and baking properties (two sites from 2008 crop), a pre-harvest in head sprouting score, and data on any wheat disease with significant pressure in Michigan during the 2008-09 growing season. All plots will be planted using a precision research plot planter. Six rows will be spaced at 7.5 inches. Plots will be planted on eighteen-foot centers at a within-plot seeding rate of 2.0 million seeds per acre, and will be trimmed to a harvest length of twelve feet. Locations will have four replications and will be arranged in an alpha lattice design. Harvest will be done mechanically using a plot combine, which includes a grain gage for recording plot weight, test weight, and harvest moisture. Other data included in the report will be a two-year, three-year, and four-year average of yield and test weight from those varieties that have been entered previous years. Individual site yield data will also be included.

Final results will be published in a timely manner and will be available in a report form. Michigan Farm Bureau will publish the report in their "Michigan Farm News" publication. Results will also be available on the web at:

[http://www.css.msu.edu/varietytrials/wheat/Variety\\_Results.html](http://www.css.msu.edu/varietytrials/wheat/Variety_Results.html)

<b>ENTRY FORMS –</b> <b>DUE MONDAY AUGUST 29, 2008</b> (Make Checks Payable to: MICHIGAN STATE UNIVERSITY)		<b>SEED –</b> <b>DUE MONDAY SEPTEMBER 2, 2008</b>	
<b>MAIL:</b> Michigan State University Lee Siler 286 PSSB East Lansing, MI 48824-1325	<b>FAX:</b> 517-353-3515 Attention – Lee Siler  <b>E-Mail:</b> <a href="mailto:siler@msu.edu">siler@msu.edu</a> <b>PHONE:</b> 517-290-0935	<b>MAIL:</b> (UPS/FedEx) Agronomy Research Farm Attention: Lee Siler 4450 Beaumont Road East Lansing, MI 48824	<b>**If you are unable to meet this deadline or have any questions please contact me at: (517) 290-0935</b>

## 2008-09 MICHIGAN STATE UNIVERSITY STATE WHEAT PERFORMANCE TRIAL : ENTRY FORM

**Contact Information:**

Your Name: \_\_\_\_\_  
 Company Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Fax: \_\_\_\_\_  
 E-mail: \_\_\_\_\_

**Invoice Information: (Where to Send Invoice)**

Name: \_\_\_\_\_  
 Company Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Fax: \_\_\_\_\_  
 E-mail: \_\_\_\_\_

NOTE

This form must be returned by Aug 29 to guarantee space in the trial. If you need to make decisions later than this please call Lee Siler (517)290-0935

Full Company Name (For display on the report):

(Please Be Exact. This is What Will Be Displayed on the Report): \_\_\_\_\_

Acceptable abbreviation for company name (For display on the report): \_\_\_\_\_

**VARIETIES OR LINES SUBMITTED FOR TESTING: (CIRCLE WHERE APPROPRIATE)**

VARIETY NAME <small>(Please Be Exact-For Display in Tables)</small>	OTHER NAMES	GRAIN COLOR		Commercially Available Fall		SEED TREATMENT <small>(NOT OPTIONAL - MUST BE DISCLOSED FULLY)</small>	INCLUDE RESULTS IN PUBLISHED REPORTS?	
		RED	WHITE	YES	NO		YES	NO
		RED	WHITE	YES	NO		YES	NO
		RED	WHITE	YES	NO		YES	NO
		RED	WHITE	YES	NO		YES	NO
		RED	WHITE	YES	NO		YES	NO
		RED	WHITE	YES	NO		YES	NO
		RED	WHITE	YES	NO		YES	NO
		RED	WHITE	YES	NO		YES	NO
		RED	WHITE	YES	NO		YES	NO

Fees this year are \$450 per entry. Return this form by fax or mail by Aug. 29 to guarantee space in the trial.

Six yield trial sites and one scab inoculated nursery will be conducted for the 2008-09 planting season.

6.8 kgs (15 lbs.) of **TREATED** seed of each entry should be delivered by **TUESDAY SEPT. 2, 2008**.

Make checks **PAYABLE TO: MICHIGAN STATE UNIVERSITY**

**MAIL PAYMENTS** and Entry Forms To:

Michigan State University  
 Attention: Lee Siler  
 Crop & Soils Dept.  
 286 PSSB  
 East Lansing, MI 48824-1325

**FAXING ENTRY FORMS:**

Attn: Lee Siler  
 FAX: 517-353-3515

**CONTACTS:**

Lee Siler (517) 290-0935 or **E-Mail:** siler@msu.edu  
 Janet Lewis (517) 648-7139 or **E-Mail:** lewisja6@msu.edu

**MAIL SEED** To:

Agronomy Research Farm  
 Attn: Lee Siler  
 4450 Beaumont Road  
 East Lansing, MI 48824