



**Ohio Agriculture Research
and Development Center**

Horticulture and Crop Science
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August 21, 2009

Dear Seedsmen:

Your company is invited to participate in the 2010 Ohio Winter Wheat Performance Test. Our objective is to provide Ohio producers and the seed industry with an unbiased source of information on currently available and soon to be released winter wheat varieties. Five test sites are used to represent the different wheat growing environments of Ohio. Details of the program, including test procedures and requirements for entry, are on the attached pages. If you would like to evaluate Soft White or Hard Red Winter wheat varieties, please contact us for details.

The test results and multi-year performance will be published in *Ohio's Country Journal*, the Dept. of Horticulture and Crop Science - Series 228 report and can be viewed, sorted and printed from our web sites: www.agcrops.osu.edu and www.ag.ohio-state.edu/~perf.

Please make your entries on the attached entry form and return by September 8, 2009 to guarantee acceptance. As time is needed to complete experimental designs and seed packaging, please ship seed by September 15, 2009 to ensure timely planting. For health and safety reasons, the seed treatments should be marked on the bag or seed tag and included on the entry form. Please ensure that this information is included.

We look forward to working with each of you.

Sincerely,

Dr. Jim Beuerlein
Mr. Richard Minyo

Enclosures

2010 OHIO WHEAT PERFORMANCE TEST

Plans and Guidelines

OBJECTIVE:

To provide unbiased information on the relative performance of winter wheat cultivars available to farmers from multiple test sites in Ohio.

TEST SITE LOCATIONS:

The 2010 Ohio Wheat Performance Test will be conducted at five locations. See attached Ohio map for the projected location of each test.

METHOD OF SELECTING ENTRIES:

Producers of winter wheat seed may enter varieties, blends, hybrids or experimental lines in the testing program. Companies must indicate on the entry form if an entry is an experimental line by checking the "Experimental" box for the appropriate entry. Companies will receive performance data of experimental lines prior to publication. Due to the brief time for publication, please notify the performance test manager immediately if the experimental line will be named and the data published. If the manager is not notified, data for the experimental line will not be included in the annual report of results.

PLOT DESIGN:

Entries will be planted in four replications per location using a randomized complete block design. Plots will be 5.5 feet wide, 40 feet long and combine harvested. Seeding rate should be indicated on the entry form in seeds per foot of 7.5" row, with recommended seeding rates of 20 to 25 seeds per foot of row.

Wheat seeding rates (seeds per foot of 7.5" row)

Seeds/Pound	Pounds of Seed per Acre				
	80	100	120	140	160
11,000	12.6	15.8	19.0	22.1	25.3
12,000	13.7	17.2	20.7	24.2	27.6
13,000	14.9	18.7	22.5	26.2	29.9
14,000	16.0	20.1	24.2	28.2	32.2
15,000	17.2	21.5	25.9	30.2	34.5
16,000	18.3	23.0	27.6	32.1	36.8

MEASUREMENTS AND RECORDS:

Notes and measurements will be taken on the following: yield, plant height, lodging, test weight, heading date, winter survival, grain quality, disease reaction and other data of value to farmers and seedsmen.

PUBLICATION:

Final results will be published and available for public distribution as soon as the results are compiled. Data tables will list entries in order of increasing heading date. The data will be published in the *Ohio's Country Journal*, distributed to county extension offices and available on our web sites at: www.agcrops.osu.edu or www.ag.ohio-state.edu/~perf.

Every effort will be made to conduct the test as indicated. However, no financial liability is either expressed or implied. The testing program is subject to all university policies for establishing and conducting a fee testing program.

FEE SCHEDULE AND SEED REQUIREMENTS:

A fee of \$550.00 per entry will be charged for each variety, blend, hybrid or experimental line. Thirty (30) pounds of seed per entry is required.

Please return entry forms and fees by **September 8, 2009** to guarantee acceptance of your entries. To ensure timely planting, seed should be sent no later than **September 15, 2009**.

CORRESPONDENCE:

All correspondence pertaining to the Ohio Wheat Performance Test should be sent to:

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