



University of Wisconsin-Extension
1575 Linden Drive
Madison, WI 53706
608-262-1390/1391
608-262-5217 (fax)
800-947-3529 (TTY)

Date: February 5, 2009
To: Soybean Seed Companies
Re: 2009 Wisconsin Soybean Variety Test Entries

Enclosed are the instructions and entry form for the 2009 Wisconsin Soybean Variety Tests. A March 13 deadline is requested for receipt of these forms. Please distribute or forward this form to the appropriate individuals within your organization.

We plan to conduct trials for **glyphosate tolerant soybeans** in all **Regional** locations as in previous years. We will continue a **conventional herbicide test** at 2 locations in the southern region, and a new location in the north central region. A test for varieties tolerant to Ignite herbicide will be added this year. LibertyLink varieties will be tested at the same locations as the conventional test. Conventional and LibertyLink varieties will be tested at these locations using a split-block field arrangement. Herbicides specific for each variety tolerance will be utilized at each location. Measurements for all tests include grain yield, protein and oil determinations, lodging, and maturity dates. Electronic submission of entry forms is available at <http://CoolBean.info/>.

We also will continue to conduct the **White Mold** and **Soybean Cyst Nematode (SCN)** Tests at two locations. Varieties and experimental lines can be entered in one or both of the separate field tests. The tests will be at field sites selected for their specific disease potential and management strategies will be employed to increase the potential for the disease expression. Measurements will include disease assessment, grain yield, protein and oil determinations, moisture, lodging, and cyst nematode counts for the SCN trial.

The use of a fungicide and/or insecticide seed treatment is allowed. The products will be identified in the final report.

If you need additional copies of the 2008 Soybean Variety Test Results, or if you have questions, please contact us.

Sincerely,

Mark J. Martinka
Program Manager

Shawn Conley
Extension Agronomist

Paul Esker
Plant Pathologist

Martinka@wisc.edu
608-444-4925

Enclosures: 2008 Soybean Variety Trial Book

2009 WISCONSIN SOYBEAN VARIETY EVALUATION PROGRAM
Departments of Agronomy and Plant Pathology
University of Wisconsin - Madison
<http://CoolBean.info/>

Eligibility of Entrants

Any producer or marketer of soybean seed, the Wisconsin Crop Improvement Association, and the University of Wisconsin-Agronomy Department and the University of Wisconsin-Plant Pathology. Each application for the entry of a variety or brand will be based on the name under which the variety or brand is marketed. There is no limit on the number of entries a company can submit. Public varieties, university experimental varieties and commonly grown commercial varieties not entered by the companies may be entered by the Agronomy Department, University of Wisconsin.

Roundup Ready Regional Tests

Measurements

Each entry will be evaluated for grain yield, moisture, protein and oil determinations, lodging, and maturity. Asian soybean rust, white mold and BSR disease ratings will be assessed when appropriate.

Row Spacing and Seeding Rate

Varieties will be tested in 15 inch row spacing with a seeding rate of 5 viable seeds/ft (175,000 seeds/acre). A minimum of 25 feet will be planted and 21 feet of the center rows will be harvested for yield when the field size is adequate.

Replication

Three or four replications in a randomized complete block design will be planted at each location for Roundup Ready herbicide tests.

Seed Required

10 lbs./Regional test entered which includes 25% reserve in case replanting is necessary. Seed can be sent in bulk for all tests entered.

Test, locations, and fees.

- | | | |
|-----|--|---------------|
| S. | <u>Southern Region</u> (Varieties in MG <u>1.0</u> to <u>2.9</u> recommended)
Tests at Arlington, Janesville, and Lancaster. | \$360/variety |
| C. | <u>Central Region</u> (Varieties in MG <u>0.5</u> to <u>2.4</u> recommended)
Tests at Fond du Lac, Hancock (Irrigated), and Galesville. | \$360/variety |
| NC. | <u>North-Central Region</u> (Varieties in MG <u>0.0</u> to <u>1.8</u> recommended)
Tests at Seymour, Marshfield, and Chippewa Falls. | \$360/variety |
| N. | <u>Northern Region</u> (Varieties in MG <u>00.0</u> to <u>1.0</u> recommended)
Tests at Spooner (Dry land) , Spooner (Irrigated), and Sturgeon Bay. | \$360/variety |

Specialty Tests

The WI Soybean Evaluation Program will also offer 3 specialty tests: 1) Performance of Conventional and LibertyLink varieties, 2) White Mold Evaluation, and 3) Evaluation of Soybean Cyst Nematode (SCN) Varieties.

Measurements

Each entry will be evaluated for disease, grain yield, protein and oil determinations, and lodging. Spring and fall egg counts will be determined for every variety in the SCN trial. A minimum of 25 feet will be planted and 21 feet of the center rows will be harvested for yield for both trials.

Row Spacing and Seeding Rate

Varieties will be tested in the White Mold trial in narrow rows (7.5 inch spacing) with a seeding rate of 3.3 viable seeds per foot (230,000 seeds/acre).

Replication

Four replications of a randomized complete block design or a split-block field arrangement will be planted at each location.

Seed Required

5 lbs./Specialty test entered which includes 25% reserve in case replanting is necessary. Seed can be sent in bulk for all tests entered.

Test, locations, and fees

S.	<u>Southern Region Conventional and Liberty herbicide Test</u> (Varieties in MG <u>1.0</u> to <u>2.9</u> recommended) Tests at Arlington and Lancaster.	\$240/variety
NC.	<u>North Central Region Conventional and Liberty herbicide Test</u> Varieties in MG <u>0.0</u> to <u>1.8</u> recommended) Test at Marshfield.	\$120/variety
WM.	<u>White Mold Tests</u> (Varieties in MG <u>0.5</u> to <u>2.9</u> recommended) Field test at Arlington (MG II) and Marshfield (MG 0 and I)	\$160/variety
SCN.	<u>SCN Tests</u> (Varieties in MG <u>1.0</u> to <u>2.9</u> recommended) Field tests for SCN tolerance at SCN site at two sites. Includes initial and final SCN Egg populations.	\$280/variety

Seed Treatment

The use of a fungicide and insecticide seed treatment is allowed. The product if used will be noted in the final report. All treated seed must be identified by product label.

Rejection

Applications may be rejected without refunding the fee if: (1) information requested is not complete; (2) misrepresentation; (3) the entry fee is not fully paid; (4) Seed arrives after deadline or does not arrive.

Publication of Results

The UW Soybean Variety Program will furnish each entrant a report giving the specific performances as soon as data from all locations are available. Final reports will also be published on the web and in state newspapers and magazines (distribution 50,000-100,000) and made available to the public.

Application Instructions and Deadlines

Application and entry fee must be received by March 13. Make checks payable to the *Wisconsin Soybean Evaluation Program*. Seed must be received by April 3. Please contact us if you foresee a problem in meeting that deadline.

Mailing address

Wisconsin Soybean Evaluation Program
Department of Agronomy
1575 Linden Dr.
Madison, WI 53706

2009 WISCONSIN SOYBEAN VARIETY EVALUATION APPLICATION

Company Name: _____
 Contact Person: _____
 Address: _____

Date: _____
 Phone: _____
 Website: _____
 Contact Person Email: _____

Office Use-Record No. _____

Herbicide Tolerance: RR="Roundup Ready" or Glyphosate Tolerant, CN=Conventional herbicide, LL= LibertyLink.
 Regional Test: S=Southern Region (MG 1.0-2.9), C=Central Region (MG 0.5-2.4), NC=Northern-Central Region (MG 0.0-1.8),
 N=Northern Region Test (MG 00.0-1.0). Speciality Tests: WM=White Mold, SCN=Soybean Cyst Nematode.

Office Use	Originator/Brand Entry (Variety Name)	General Information		Herbicide Tolerance			Glyphosate Tolerant			Speciality Tests			Seed				
		Previous ID (Exp #)	MG	RR	CN	LL	S	C	NC	N	CN/LL	S	NC	WM	SCN	# Regional Tests x 10lb	# Specialty Tests x 5lb
1																	
2																	
3																	
4																	
5																	
6																	
7																	
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16																	
17																	
18																	

Send form/fee/seed and fee made payable to:
Wisconsin Soybean Evaluation Program
 Department of Agronomy
 1575 Linden Drive
 Madison, WI 53706

Total number of Varieties in each Regional Test _____ x \$360 = _____
 Total number of Varieties in S Conv. and Liberty herbicide Tests _____ x \$240 = _____
 Total number of Varieties in NC Conv. and Liberty herbicide Tests _____ x \$120 = _____
 Total number of Varieties in WM Test _____ x \$160 = _____
 Total number of Varieties in SCN Tests _____ x \$280 = _____
 Total Fee _____

Deadlines: Entry/Forms/Fee-March 13 Seed-April 3 <http://CoolBean.info/>