

January 30, 2009

To Potential 2009 Ohio Soybean Performance Trial Participants

Dear Seed Industry Colleague,

Enclosed are the registration materials for The 2009 Ohio Soybean Performance Trials. Commercially available varieties and experimental varieties can be entered in the trial in any or all regions. A region consists of two sites. Yields are reported for each site and each region and a two year regional mean is reported if applicable. **We are testing Conventional varieties, Roundup Ready varieties, AND Liberty Link varieties.** All entries will be evaluated for yield, relative maturity, plant height, lodging, seed size, protein and oil content, phytophthora genes and partial resistance.

The attached guidelines sheet explains each item in the order they are presented on the registration form.

Four items of note for 2009:

- Pricing is unchanged from 2008.
- The addition of a Liberty Link variety test in all regions/sites.
- Entrants no longer need to supply untreated seed samples for the greenhouse inoculum test. Seed for that test will be collected from our plots and the results will be reported on the internet around mid-December.
- Registration materials are now available on the internet at: <http://www.oardc.osu.edu/perfentry> . Download the cover letter/guidelines and a registration form in PDF format or Excel format and return my email, fax or US mail.

The 2008 data can be found on the internet at: <http://www.agcrops.osu.edu> . A left mouse click at the top of a column will sort the data in an ascending or descending order. A left mouse click on the web address of a company in the list of participating companies will take you to that company's homepage.

If you have questions please contact Dr. Jim Beuerlein at (office) 614-292-9080, (email) beuerlein.1@osu.edu or Chris Kroon Van Diest at (cell) 614-325-1063, (email) kroon-van-diest.1@osu.edu .

Sincerely,

Dr. Jim Beuerlein

JB/cdkvd

Enclosures

REGISTRATION GUIDELINES FOR THE 2009 OHIO SOYBEAN PERFORMANCE TRIALS

DESCRIPTION OF TRIALS

The Ohio Soybean Performance Trials are conducted annually to provide information producers need to select the best varieties for their production conditions. Entry can be made in the Normal Variety (NV) test, the Roundup Ready (RR) test, or the **new** Liberty Link (LL) test in any or all regions. Each test region (North, Central, and South) contains of two test sites and each test is maintained with the appropriate herbicide program specific to that test. Varieties are evaluated for yield, relative maturity, plant height, seed size, lodging, % oil, % protein, phytophthora partial resistance and phytophthora resistance genes. Preliminary yield data is provided to the entrant company as soon as available after harvest and characteristic data is available just prior to publication.

ENTRY NAME: Soybean seed producers or companies may enter varieties, brands **and** experimental lines for evaluation. Indicate the variety name as it should appear in the bulletin and on the web. Data for entries with the "experimental" designation ***will not be published*** unless a name and commercial designation is indicated prior to publication (see Important Dates below). Commercial designation is given to lines that are to be marketed in 2010.

PHYTOPHTHORA RESISTANCE GENES PRESENT¹: Indicate the gene(s) present, example: Rps1-k or "none" if no resistance genes are present. This information should be supplied to ensure our use of the proper Phytophthora strains for inoculation to accurately determine resistance in the greenhouse inoculum test. Indicate Check with your breeder for this information.

Genes Known to Provide Resistance to Phytophthora Megasperma f. sp. glycinea:

Rps 1	Rps 1-k	Rps 3-b	Rps 4
Rps 1-b	Rps 2	Rps 3-c	Rps 5
Rps 1-c	Rps Harosoy	Rps 3-d	Rps 6
Rps 1-d		Rps 3-a	Rps 8

¹*Beginning in 2009 entrants are no longer required to supply an untreated seed sample for the greenhouse inoculum test. Seed for that test will be harvested from our plots and that data will be available on the internet by mid-December.*

ENTRY TYPE: Indicate entry type: **C=commercially available in 2010, E=experimental variety**

TEST TYPE: Indicate test type: **NV=Normal variety, RR=Roundup Ready, LL=Liberty Link**
Varieties are tested using weed control that is correct for the herbicide technology test they are entered in.

RELATIVE MATURITY: Indicate relative maturity, example: Sandusky=2.8, Resnik=3.4, Kottman=3.7
Each 0.1, one tenth of one point equals approximately 1 day.

REGION SELECTION: Indicate with an "X" or a "check mark" the region or regions selected.

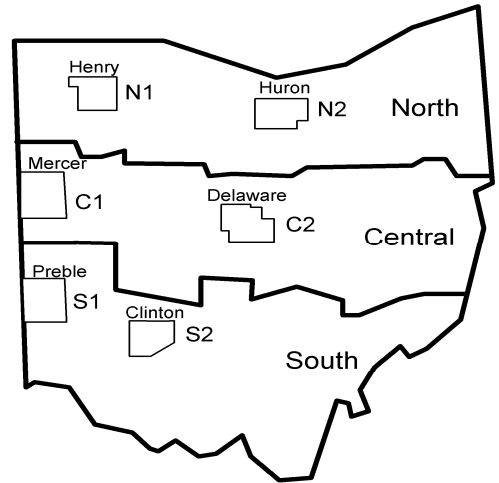
2009 FEE SCHEDULE AND SEED REQUIREMENTS PER ENTRY²:

No. of Regions	No. of Yields Reported <i>In addition, a 2 yr. region mean when appropriate</i>	Total Cost Per Entry <i>Please make check payable to: "OARDC- SoybeanTrials"</i>	Plot Seed Req'd <i>A full rate of fungicide is encouraged</i>
One	3	\$ 425	12 lbs.
Any two	6	\$ 725	18 lbs.
All three	10	\$ 875	24 lbs.

²*All untreated seed for Greenhouse Inoculum Test will come from OSPT plots and that data will be available on the internet around mid-December*

LOCATION OF TRIALS: Varieties are entered by region, a region consists of two sites each. Varieties can be entered in one, two or all three regions. Check region(s) where entry is to be tested.

Location	Trial Type
NORTH REGION	
N1) <u>Henry Co.</u>	Yield & characteristics on Hoytville clay
N2) <u>Huron Co.</u>	Yield on Kibbie loam
CENTRAL REGION	
C1) <u>Mercer Co.</u>	Yield on Pewamo silt loam
C2) <u>Delaware Co.</u>	Yield on Blount silt clay loam
SOUTH REGION	
S1) <u>Preble Co.</u>	Yield on Crosby silt loam
S2) <u>Clinton Co.</u>	Yield and characteristics on Westland silt loam



IMPORTANT DATES:

Friday, March 6, 2009	Registration and payment due - Please make checks payable to: "OARDC-Soybean Trials"
Friday, March 27, 2009	Plot seed due
Late October, 2009	Preliminary yield data sent to companies
Thursday, Nov. 12, 2009	Commercial designation (see Entry Type above) and name for experimental entries if data is to be published
Wed., Nov. 18, 2009	Data on Internet
Early December, 2009	Data published in Ohio Country Journal and available through county extension offices

SEND REGISTRATION AND SEED TO:

- **FAX** number to send registration: **614-442-5681**
- **Email** address to send registration digitally: kroon-van-diest.1@osu.edu
- **Address** to mail registration and ship seed³: **The Ohio Soybean Performance Trials
OSU Agronomy Shop
2347 Case Rd.
Columbus, OH 43235**

³Please ship seed via UPS, FedEx, or DHL, **DO NOT** ship via US Postal Service

CONTACTS:

Dr. Jim Beuerlein (office) 614-292-9080, (email) beuerlein.1@osu.edu
 Chris Kroon Van Diest (cell) 614-325-1063, (shop) 614-442-7685, (email) kroon-van-diest.1@osu.edu
 All registration materials are now available on the internet at: www.oardc.osu.edu/perfentry

