

Date: January 24, 2003

To: Soybean Seed Companies

From: Jim Orf (612) 625-8275, Phil Schaus (612) 625-9263
Arthur Killam (612) 624-2205 E-mail killa001@umn.edu

Subject: 2003 Soybean Performance Tests

The University of Minnesota will be conducting soybean performance tests again this year. Enclosed are the instructions and entry forms for participating in the 2003 trials. Entrance forms and entry fees are due **Monday March 17**. Deadline for receipt of seed is **Friday March 28 NO EXCEPTIONS**. We would appreciate receiving seed earlier if possible.

Four categories of tests will be conducted in 2003; Conventional tests, Roundup Ready® tests, SCN tests and Special purpose/Food type tests. The conventional test will be for non-transgenic general purpose varieties. The Roundup Ready® test will be for transgenic general purpose varieties that carry the glyphosate tolerance gene. The SCN test will be for those varieties that carry resistance to SCN (both non-transgenic and transgenic (Roundup Ready®)), and the special purpose/food type test will be for varieties specifically developed for special purpose and/or food type markets. Tests may be combined depending on number of entries. The SCN tests will be conducted at 3 infested and 3 noninfested southern Minnesota sites with the cooperation of Dr Senyu Chen and Dan Miller from the Southern Research and Outreach Center at Waseca (507-835-3620).

Tests

Tests (except for the SCN test) will be conducted in three maturity zones: 1) Northern zone (Crookston, Moorhead and Shelly), 2) Central zone (Becker, Morris and Rosemount), and 3) Southern zone (Jackson, Lamberton and Waseca). Maturities in the northern zone must be earlier than MN0302 (RM 0.3), in the Central zone between MN0302 (RM 0.3) to Parker (RM 1.5), and in the Southern zone between MN1302 (RM 1.3) to IA2021 (RM 2.4). We reserve the right to move or remove any entry entered in an inappropriate zone or to manage the tests.

The cost is \$250.00 for each variety in each zone and \$500.00 for the SCN test. Please send 2500 grams of **untreated seed** for the tests and 4500grams for the SCN test. **Treated seed will not be accepted.**

If you are interested in entering varieties in any test, please follow this procedure:

1. Complete all items on the appropriate forms and enclose with your payment. The information "previous I.D. and number of consecutive years in Minnesota tests" is necessary so we can include data from past years in the "**Minnesota Varietal Trials Results**" publication. **Varieties should have a minimum of 100 acres of seed production (20 acres for special purpose/food type)and be anticipated for sale in 2004.** We reserve the right to confirm the seed production acres for each variety entered in the tests. A **maximum of 4 varieties** is allowed per test per zone. Please prioritize varieties in each test.
2. Provide 2500 grams of **untreated seed** for each variety entered in the conventional test, Round-up Ready[®] test, and the special purpose/ food type test and 4500 grams of **untreated seed** for the SCN test.
3. Send a check for \$250 for each entry in the conventional test, \$250 for each entry in the Round-up Ready[®] test, \$250 for each entry in the special purpose/food type test, and \$500 for each entry in the SCN test . Make checks payable to the University of Minnesota. Send seed, information form and payment to:

UPS, Fed-ex and other shippers

Department of Agronomy and Plant Genetics

University of Minnesota
37 Crops Services Building
1895 Hendon Avenue
St. Paul, MN 55108

US mail

Department of Agronomy and Plant Genetics

University of Minnesota
1902 Dudley Ave
Crop Research Rm 118
St. Paul, MN 55108

4. Please submit a separate bag of seed for each entry. So if you enter a variety in two different tests we need 2 bags of seed labeled for the tests intended.

Entry forms and fees are due **Monday March 17**. Deadline for receipt of seed is **Friday, March 28, 2003**. **These deadlines will be strictly enforced, no exceptions will be allowed.** We reserve the right to limit the number of varieties if necessary.

Copies of the 2003 Edition of "Varietal Trials of Selected Farm Crops" Minnesota Report are now available from the Distribution Center, 405 Coffey Hall, 1420 Eckles Avenue, St. Paul, MN 55108.

This information can now be viewed on the world wide web. The address is www.soybeans.umn.edu or www.maes.umn.edu This information is essentially identical to the preliminary report published in AgriNews and mailed to you earlier.

In our continuing effort to improve these trials, we would appreciate any comments or suggestions you might have regarding the trials or the methods of distributing the data.

Enclosures

UNIVERSITY OF MINNESOTA SOYBEAN VARIETY TEST - VARIETY INFORMATION FORM

ROUND-UP READY®

SEND UNTREATED SEED UPS, FED-EX

Note Form and fee due by March 17, 2003 Seed March 28, 2003

Representative's Name: _____

Department of Agronomy and Plant Genetics
University of Minnesota
37 Crops Services Building
1895 Hendon Avenue
St. Paul, MN 55108

Company Name: _____

Address: _____

(as you wish it published in the Bulletin)

Phone Number: _____

Address: _____

E-Mail _____

Brand	Entry Variety or Number	Previous I.D. and number of consecutive years in MN Test	Pure Line or Blend (P or B)	Relative Maturity (RM)	COLOR ⁽¹⁾			Phytophthora Gene ⁽²⁾	Germ. % (3)	Other Characteristics	Fee \$
					Flower	Pubescence	Hilum				

ROUND-UP READY® VARIETY TEST

Northern Zone

RM 00.0 to RM 0.3

											250.00
											250.00
											250.00
											250.00

Central Zone

RM 0.3 to RM 1.5

											250.00
											250.00
											250.00
											250.00

Southern Zone

RM 1.3 to RM 2.4

											250.00
											250.00
											250.00
											250.00

(1) **Color:** Flower: White, purple, Mixed; **Pubescence:** Grey, Tawny, Mixed; **Hilum:** Yellow, Black, Brown, Buff, Imperfect Black, Grey, Mixed

(2) **Phytophthora Gene:** Rps1, Rps1c, Rps1b, Rps1k, Rps3, Rps6, etc.

(3) If germination % is not given 90% will be assumed.

UNIVERSITY OF MINNESOTA SOYBEAN VARIETY TEST - VARIETY INFORMATION FORM
SPECIAL PURPOSE/FOOD TYPE TEST

SEND UNTREATED SEED UPS, FED-EX

Note Form and fee due by March 17,2003 Seed March 28, 2003

Representative's Name: _____

Department of Agronomy and Plant Genetics
 University of Minnesota
 37 Crops Services Building
 1895 Hendon Avenue
 St. Paul, MN 55108

Company Name: _____

Address: _____

(as you wish it published in the Bulletin)

Phone Number: _____

Address: _____

E-Mail _____

Brand	Entry Variety or Number	Previous I.D. and number of consecutive years in MN Test	Special use or Food use ⁽¹⁾	Relative Maturity (RM)	COLOR ⁽²⁾			Phytophthora Gene ⁽³⁾	Germ. % (4)	Other Characteristics	Fee \$
					Flower	Pubescence	Hilum				

SPECIAL PURPOSE /FOOD TYPE VARIETY TEST

Northern Zone

RM 00.0 to RM 0.3

											250.00
											250.00
											250.00
											250.00

Central Zone

RM 0.3 to RM 1.5

											250.00
											250.00
											250.00
											250.00

Southern Zone

RM 1.3 to RM 2.4

											250.00
											250.00
											250.00
											250.00

(1) For example , large seed, small seed, high protein, edamame type, tofu type, natto type etc

(2) **Color:** Flower: White, purple, Mixed; **Pubescence:** Grey, Tawny, Mixed; **Hilum:** Yellow, Black, Brown, Buff, Imperfect Black, Grey, Mixed

(3) **Phytophthora Gene:** Rps1, Rps1c, Rps1b, Rps1k, Rps3, Rps6, etc.

(4) If germination % is not given 90% will be assumed.

UNIVERSITY OF MINNESOTA SOYBEAN VARIETY TEST - VARIETY INFORMATION FORM

CONVENTIONAL TEST

SEND UNTREATED SEED UPS, FED-EX

Note Form and fee due by March 17,2003 Seed March 28, 2003

Representative's Name: _____

Department of Agronomy and Plant Genetics
University of Minnesota
37 Crops Services Building
1895 Hendon Avenue
St. Paul, MN 55108

Company Name: _____

Address: _____

(as you wish it published in the Bulletin)

Phone Number: _____

Address: _____

E-Mail _____

Brand	Entry Variety or Number	Previous I.D. and number of consecutive years in MN Test	Pure Line or Blend (P or B)	Relative Maturity (RM)	COLOR ⁽¹⁾			Phytophthora Gene ⁽²⁾	Germ. % (3)	Other Characteristics	Fee \$
					Flower	Pubescence	Hilum				

CONVENTIONAL VARIETY TEST

Northern Zone

RM 00.0 to RM 0.3

											250.00
											250.00
											250.00
											250.00

Central Zone

RM 0.3 to RM 1.5

											250.00
											250.00
											250.00
											250.00

Southern Zone

RM 1.3 to RM 2.4

											250.00
											250.00
											250.00
											250.00

(1) **Color: Flower:** White, purple, Mixed; **Pubescence:** Grey, Tawny, Mixed; **Hilum:** Yellow, Black, Brown, Buff, Imperfect Black, Grey, Mixed

(2) **Phytophthora Gene:** Rps1, Rps1c, Rps1b, Rps1k, Rps3, Rps6, etc.

(3) If germination % is not given 90% will be assumed.

UNIVERSITY OF MINNESOTA SOYBEAN VARIETY TEST - VARIETY INFORMATION FORM

SCN TEST

SEND **UNTREATED** SEED UPS, FED-EX

Note Form and fee due by March 17,2003 Seed March 28, 2003

Representative's Name: _____

Department of Agronomy and Plant Genetics
University of Minnesota
37 Crops Services Building
1895 Hendon Avenue
St. Paul, MN 55108

Company Name: _____

Address: _____

(as you wish it published in the Bulletin)

Phone Number: _____

Address: _____

E-Mail _____

Brand	Entry Variety or Number	Previous I.D. and number of consecutive years in MN Test	Pure Line or Blend (P or B)	Relative Maturity (RM)	COLOR ⁽¹⁾			Phytophthora Gene ⁽²⁾	Germ. % (3)	Source of SCN Resistance Other Characteristics Peking, PI88.788 etc.	Fee \$
					Flower	Pubescence	Hilum				

SCN VARIETY TESTS

Southern Zone

RM 1.3 to RM 2.4

											500.00
											500.00
											500.00
											500.00

(1) **Color: Flower:** White, purple, Mixed; **Pubescence:** Grey, Tawny, Mixed; **Hilum:** Yellow, Black, Brown, Buff, Imperfect Black, Grey, Mixed

(2) **Phytophthora Gene:** Rps1, Rps1c, Rps1b, Rps1k, Rps3, Rps6, etc.

(3) If germination % is not given 90% will be assumed.