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EC 775
Revised
Annually

Soybeans

2002 Crop Performance Results



South Dakota State University • Cooperative Extension Service • U.S. Department of Agriculture

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Soybeans

2002 South Dakota Variety Performance Trials

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This publication reports the agronomic performance of entries in the 2002 South Dakota performance trials for conventional, or non-Roundup Ready, and Roundup Ready soybean varieties.

Successful soybean production is greatly affected by variety selection for a given growing area. Important factors in selecting a variety include yield, maturity, plant height, lodging resistance, and *Phytophthora* root rot resistance. In the case of public varieties, additional information including emergence, shattering, and iron chlorosis scores (Table A) is given to assist in making variety selections.

General

Soybean varieties are classified according to maturity groups that in turn are adapted to maturity zones. Maturity zones are based on day length and accordingly are greatly influenced by latitude.

Consequently, maturity group-00 varieties are best suited to Canada and extreme northern regions of the U.S., while maturity group-0, group-I, and group-II varieties are suited to South Dakota. Groups III through VIII are suited to Iowa and Nebraska and southward into Texas.

These soybean performance trial results are reported according to the prevalent maturity zones in South Dakota (see map, page 5). Conventional soybean variety trials were:

- Group-0 at South Shore and Brookings;
- Group-I at South Shore, Brookings, and Beresford; and
- Group-II at Brookings and Beresford.

The Roundup-Ready soybean variety trials were:

- Group-0 at South Shore, Frankfort, and Brookings;
- Group-I at South Shore, Frankfort, Brookings, Armour, and Beresford; and
- Group-II at Brookings, Armour and Beresford.

Note there are transition areas where varieties of two maturity groups may perform similarly. In such cases other mitigating factors like rainfall and/or elevation may moderate the effect of latitude on maturity. In most cases, an earlier maturity group may be seeded in a zone suited to a later maturity group. Generally, this is only practical where seeding is delayed, when reseeding following hail, or when double cropping.

Phytophthora root rot (PRR) is an important soybean disease in South Dakota. It can be controlled or partially managed by using resistant varieties.

However, resistance to *Phytophthora* root rot is fungus-race specific. This means resistance to one race does not necessarily impart resistance to other races. Knowledge of the races of PRR fungus prevalent in your area is helpful. If you suspect a field has PRR and do not know the specific race(s) involved, then

The efforts of K. Kepner, Brookings; J. Smolik and A. Heuer, NE Research Farm; and R. Berg and staff, SE Research Farm, in obtaining the data is gratefully acknowledged. The comments regarding *Phytophthora* root rot race resistance and tolerance by Marty Draper, Extension plant pathologist, is appreciated. In addition, the assistance and cooperation of our farmer co-operators Robert Clark, Armour, and Steve Masat, Frankfort, is gratefully acknowledged.

* Roundup and Roundup Ready are registered Monsanto products.

select varieties having genes that impart a wide a range of race resistance (Table B).

Variety resistance to specific races of PRR, as indicated by its type of PRR gene, is reported by the entering seed company and is indicated in Table C.

An alternative method of control is the use of "tolerant varieties." Tolerant varieties are not resistant to PRR in the seedling stage. Therefore, a *Phytophthora* specific fungicide must be applied to protect them. Presently, we have no information on the field tolerance of varieties adapted to this region. Therefore, no field tolerance ratings are given in this publication.

Certified seed is the best source of seed and the only way to be assured of the genetic purity of the variety seeded. In addition, inoculation of seed with the appropriate nitrogen-fixing bacterium is a good fundamental practice. Inoculation must be carried out if soybeans are seeded in soils not previously cropped with soybeans. On soils previously cropped to soybeans there is no guarantee that beneficial bacteria will be present to naturally inoculate planted seed. Therefore, inoculation of seed at planting is an inexpensive means of increasing the percentage of plants that will fix nitrogen in the current crop year.

Yield

Yields are obtained from the South Dakota Crop Performance Testing Program (CPT). Current-year yields are included for each entry tested at a given location. Both 2-year and 3-year averages are included where varieties have been tested for 2 or more years. Yields, test averages, and Least Significant Difference (LSD) values are printed at the bottom of each yield column for each location and are rounded off to the nearest whole bushel per acre.

The LSD value can be used to determine whether varieties differ in yield potential. For example, assume variety-A yields 30 bushels, variety-B yields 25 bushels, and the calculated LSD value is 4 bushels. The yield difference between the two varieties is 5 bushels per acre. Since this yield difference of 5 bushels is greater than the test LSD value of 4 bushels, the yield of variety-A (30 bushels) is statistically higher than the yield of variety-B (25 bushels).

In contrast, if variety-A yielded 28 bushels and variety-B yielded 25 bushels, the yield difference would be 3 bushels per acre. In this case, variety-A and variety-B are statistically similar in yield because

their yield difference of 3 bushels is less than the test LSD value of 4 bushels per acre.

Use LSD values to identify the best-yielding varieties. The LSD value indicated at the bottom of each yield column is used to calculate the **minimum top-yield value**. For example, if the highest yield within a column is 50 bushels and the LSD value for that yield column is 5 bushels, then the minimum top-yield value equals 45 bushels ($50 - 5 = 45$). Within a yield column, varieties with yields equal to or higher than this minimum top-yield value are the best yielding varieties.

Entries at each location are numerically sorted from highest to lowest yields according to whether they have been tested for a 3-year, 2-year, or 1-year time period. **Note: Entries tested for 3 years may also have a top-yield group value in the 2-year (2001-02) and 2002 yield columns. Likewise, entries tested for 2 years may also have a top-yield group value in the 2002 yield column.**

Protein and Oil Content

The protein and oil values reported are for the 2001 cropping season. At all locations, one replication of every variety in each trial was tested for protein and oil. The analysis was conducted by near-infrared-reflectance-spectroscopy (NIRS).

General Test Procedures

The general test procedures outlined below apply to both conventional non-Roundup Ready and Roundup Ready soybean entries with one exception: Weed control in the Roundup Ready test consisted of an application of Roundup Ultra (32 oz/A) when weeds were 4-5 inches tall followed by the same application again 21 days later. In non-Roundup Ready test trials, pre-emergence herbicides consisted of Lasso at South Shore and Brookings and Dual at Beresford. In addition, post-emergence herbicide applications included split applications of Poast and Pinnacle at South Shore and Brookings and a tank mix of Synchrony/ Pinnacle at Beresford. All herbicides were applied according to label instructions.

Test Procedures: A row spacing of 30 inches was used at all locations. The seeding rate was 165,000 seeds per acre for all varieties and locations.

Test plots consist of 4-row plots, 20 feet long, with three replications at all locations. Soybean inoculation was accomplished by applying Nitragin brand

Soybean Soil Implant down the seed tube, according to label instructions and rates, during seeding. Seeding at all locations was accomplished using a Monosem precision row crop planter. Use of this planter resulted in very uniform seed spacing within the seed row. The center two rows of each plot were harvested for yield.

Yield: Plots were harvested at 15% seed moisture or less. Yields were calculated on a 13% moisture content basis and expressed in bushels per acre. Harvest was accomplished using a Massey Ferguson 8XP small plot combine.

Reporting Variety Maturity: The maturity of all varieties tested at South Shore, Brookings, and Beresford are reported as “Days after seeding.” Entries are considered mature when 95% of the pods have turned brown. The maturity value of each entry is obtained by determining the average number of days from seeding to maturity for two replicates and expressing it as “Days after seeding.” If the maturity value is missing, the entry did not reach maturity before the first killing frost at that location. Therefore, no maturity value is given.

Height: Height was measured from soil surface to top node of the main stem and reported in inches.

Lodging Score: Scores at maturity are based on average erectness of the main stem of plants within each variety. 1 = all plants erect, 2 = slight lodging, 3 = lodging at a 45 degree angle, 4 = severe lodging, and 5 = all plants flat.

Phytophthora: The gene resistance traits of entries to the many *Phytophthora* races were supplied by the participating seed company (proprietary entries) or obtained from the USDA, Uniform Soybean Tests, Northern States (public entries). A key to *Phytophthora* gene resistance and the race resistance of each gene is indicated in Table B. The race resistances of entries are listed either in Table C (non-Roundup Ready) or Table D (Roundup Ready). Presently, races 1, 3, and 4 are the most common races in South Dakota.

Soybean Traits of Public Entries

Evaluations of public soybean variety characteristics conducted by regional universities and USDA are reported in Table A. Evaluations and locations include emergence (Ames, Iowa), shattering (Manhattan, Kans.), and iron chlorosis (Rosemount,

Minn. - Group 0, Waseca, Minn. - Groups I and II). **Emergence:** Scores are related to hypocotyl elongation and are measured following emergence after 12 days from a 4 1/2-inch depth in sand maintained at 77° F (a critical temperature for differentiating strains). Scores include

- 1 = 95% or more emerged,
- 2 = 91-94% emerged,
- 3 = 85-90% emerged,
- 4 = 76-84% emerged, and
- 5 = less than 76% emerged.

A score of 4 or 5 indicates the variety exhibits slow emergence. It does not mean the variety is inferior.

Shattering: This indicates percentage of pods that had opened and shattered 2 weeks after maturity. Scores include

- 1 = no shattering,
- 2 = 1-10% shattered,
- 3 = 11-25% shattered,
- 4 = 26-50% shattered, and
- 5 = over 50% shattered.

Iron Chlorosis: Varieties are evaluated on high pH soils and scores range from

- 1 = little or no yellowing,
- 3 = moderate yellowing, to
- 5 = severe yellowing.

Conventional Non-Roundup Ready Soybean Variety Performance Trial Results

Note: Yields are reported as 3-year (2000-02), 2-year (2001-02), or 1-year (2002) averages.

South Shore (NE Research Farm)

Group - 0 (Table 1): Yield averages for the 3-year, 2-year, and 1-year data were 35, 35, and 41 bushels per acre, respectively. Varieties had to average at least 41 bushels to be in the top-yield group for 1 year. There were no significant differences among the varieties tested for 3-year or 2-year periods. The top-yield group for the 3-year, 2-year, and 1-year periods includes 5, 6, and 5 entries, respectively.

Group - I (Table 2): Yield averages for the 3-year, 2-year, and 1-year data were 39, 41, and 47 bushels per acre, respectively. Varieties had to average at least 49 bushels to be in the top-yield group for 1 year. There were no significant differences among the varieties tested for 3-year or 2-year periods. The top-yield group for the 3-year, 2-year, and 1-year periods includes 4, 6, and 7 entries, respectively.

Brookings (SDSU Agronomy Farm):

Group - 0 (Table 3): Yield averages for the 3-year, 2-year, and 1-year data were 43, 42, and 47 bushels per acre, respectively. Varieties had to average at least 49 bushels to be in the top-yield group for 1 year. There were no significant differences among the varieties tested for the 3-year or 2-year periods. The top-yield group for the 3-year, 2-year, and 1-year periods includes 5, 6, and 1 entries, respectively.

Group - I (Table 4): Yield averages for the 3-year, 2-year, and 1-year data were 47, 46, and 53 bushels per acre, respectively. Varieties had to average at least 46 bushels for the 3-year or 56 bushels per acre for the 1-year period to be in the top-yield group. There were no significant differences among the varieties tested for the 2-year period. The top-yield groups for the 3-year, 2-year, and 1-year periods include 4, 8, and 9 entries, respectively.

Group - II (Table 5): Yield averages for the 3-year, 2-year, and 1-year data were 47, 47, and 58 bushels per acre, respectively. Varieties had to average at least 47 bushels for the 3-year or 56 bushels per acre for the 2-year period to be in the top-yield group. There were no significant differences among the varieties tested for the 2-year period. The top-yield groups for the 3-year, 2-year, and 1-year periods include 3, 5, and 17 entries, respectively.

Beresford (SE Research Farm):

Group - I (Table 6): Yield averages for the 3-year, 2-year, and 1-year data were 50, 49, and 44 bushels per acre, respectively. Varieties had to average at least 46 bushels for the 3-year or 50 bushels per acre for the 1-year period to be in the top-yield group. There were no significant differences among the varieties tested for the 2-year period. The top-yield groups for the 3-year, 2-year, and 1-year periods include 4, 7, and 1 entries, respectively.

Group - II (Table 7): Yield averages for the 3-year, 2-year, and 1-year data were 51, 50, and 44 bushels per acre, respectively. Varieties had to average at least 49 bushels for the 3-year, 51 bushels for the 2-year, or 45 bushels per acre for the 1-year period to be in the top-yield group. The top-yield groups for the 3-year, 2-year, and 1-year periods include 6, 4, and 12 entries, respectively.

Roundup Ready Soybean Variety Performance Trial Results

Note: Yields are reported as 3-year (2000-02), 2-year (2001-02), or 1-year (2002) averages.

South Shore (NE Research Farm)

Group - 0 (Table 8): Yield averages for the 3-year, 2-year, and 1-year data were 41, 43, and 48 bushels per acre, respectively. Varieties had to average at least 48 bushels to be in the top-yield group for 1 year. There were no significant differences among the varieties tested for 3-year or 2-year periods. The top-yield group for the 3-year, 2-year, and 1-year periods includes 12, 24, and 40 entries, respectively.

Group - I (Table 9): Yield averages for the 3-year, 2-year, and 1-year data were 38, 40, and 45 bushels per acre, respectively. Varieties had to average at least 38 bushels for the 3-year or 46 bushels per acre for the 1-year period to be in the top-yield group. There were no significant differences among the varieties tested for the 2-year period. The top-yield groups for the 3-year, 2-year, and 1-year periods include 9, 17, and 40 entries, respectively.

Frankfort, No-Till Trial

Group - 0 (Table 10): Yield averages for the 2-year and 1-year data were 39 and 36 bushels per acre, respectively. This is the second year for testing Roundup Ready entries at this location. Varieties had to average at least 38 bushels for the 1-year period to be in the top-yield group. There were no significant differences among the varieties tested for the 2-year period. The top-yield groups for the 2-year and 1-year periods include 19 and 21 entries, respectively.

Group - I (Table 11): Yield averages for the 2-year and 1-year data were 43 and 38 bushels per acre, respectively. This is the second year for testing Roundup Ready entries at this location. Varieties had to average at least 44 bushels for the 2-year and 42 bushels per acre for the 1-year period to be in the top-yield group. The top-yield groups for the 2-year and 1-year periods include 6 and 8 entries, respectively.

Brookings (SDSU Agronomy Farm)

Group - 0 (Table 12): Yield averages for the 3-year, 2-year, and 1-year data were 47, 41, and 42 bushels per acre, respectively. Varieties had to average at least 45 bushels for the 3-year, 42 bushels for the 2-year, or 46 bushels per acre for the 1-year period to be in the top-yield group. The top-yield groups

for the 3-year, 2-year, and 1-year periods include 7, 5, and 6 entries, respectively.

Group - I (Table 13): Yield averages for the 3-year, 2-year, and 1-year data were 49, 46, and 48 bushels per acre, respectively. Varieties had to average at least 46 bushels for the 2-year or 50 bushels per acre for the 1-year period to be in the top-yield group. There were no significant differences among the varieties tested for the 3-year period. The top-yield groups for the 3-year, 2-year, and 1-year periods include 17, 17, and 35 entries, respectively.

Group - II (Table 14): Yield averages for the 2-year and 1-year data were 51 and 59 bushels per acre, respectively. This is the second year for testing maturity group-II Roundup Ready entries at this location. Varieties had to average at least 61 bushels per acre for the 1-year period to be in the top-yield group. There were no significant differences among the varieties tested for the 2-year period. The top-yield groups for the 2-year and 1-year periods include 23 and 30 entries, respectively.

Armour, No-Till Trial

Note: In 2002 the coefficient of variation (CV) or amount of experimental error for both test trials was 18% compared to 11 and 12% last year. Even though CV values were higher this year, both trials still determined variety yield differences. Ideally, we like CV values to be less than 15%. This year the Armour weather station reported precipitation in May (1.13 inches) and June (2.07 inches) at 2.0 and 1.8 inches below normal, respectively. Precipitation for July was 0.32 inches compared to the normal of 3.12 inches. The drier than normal conditions from May to July (6.6 inches below normal) may have helped cause higher CV values this year.

Group - I (Table 15): Yield averages for the 3-year, 2-year, and 1-year data were 44, 42, and 38 bushels per acre, respectively. Varieties had to average at least 41 bushels for the 2-year or 35 bushels per acre for the 1-year period to be in the top-yield group. There were no significant differences among the varieties tested for the 3-year period. The top-yield groups for the 3-year, 2-year, and 1-year periods include 3, 9, and 37 entries, respectively.

Group - II (Table 16): Yield averages for the 3-year, 2-year, and 1-year data were 43, 42, and 41 bushels per acre, respectively. Varieties had to average at least 41 bushels per acre for the 1-year period to be in the top-yield group. There were no significant differences among the varieties tested for the 3-year or 2-year period. The top-yield groups for the 3-year, 2-year, and 1-year periods include 14, 28, and 62 entries, respectively.

Beresford (SE Research Farm)

Group - I (Table 17): Yield averages for the 3-year, 2-year, and 1-year data were 54, 52, and 50 bushels per acre, respectively. Varieties had to average at least 53 bushels for the 2-year or 53 bushels per acre for the 1-year period to be in the top-yield group. There were no significant differences among the varieties tested for the 3-year period. The top-yield groups for the 3-year, 2-year, and 1-year periods include 3, 6, and 13 entries, respectively.

Group - II (Table 18): Yield averages for the 3-year, 2-year, and 1-year data were 52, 51, and 48 bushels per acre, respectively. Varieties had to average at least 50 bushels for the 2-year or 49 bushels per acre for the 1-year period to be in the top-yield group. There were no significant differences among the varieties tested for the 3-year period. The top-yield groups for the 3-year, 2-year, and 1-year periods include 18, 31, and 68 entries, respectively.

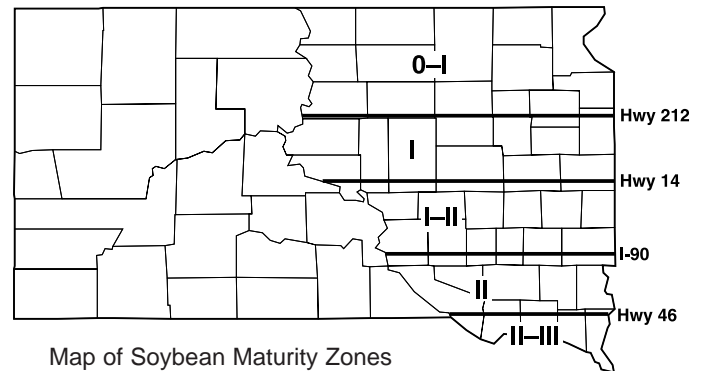


Table A. Traits of some public soybean varieties.

Variety	Emergence	Shattering	Iron Chlorosis
Dawson	1	1	1.6
Hendricks	1	1	1.7
McCall	1	1	2.8
MN0901	3	2	3.7
Parker	5	1	2.0
Spink	1	1	2.4
Stride	1	1	3.7
Sturdy	5	1	3.0
Surge	1	1	2.7
Turner SCN	1	2	3.0
SDG 1081RR*	1	1	2.5
SDG 1091RR*	1	1	2.7

* Indicates Roundup Ready variety.

Table B. Source and genes for resistance to various races of Phytophthora root rot.

Source	Gene	Race resistance
Williams	rps1	None
Mukden	Rps1 (Rps1a)	1-2, 10-11, 13, 15-18, 24
Sanga	Rps1b	1, 3-9, 13-15, 18, 21-22
Mack	Rps1c	1-3, 6-11, 13, 15, 17, 21, 23-24
Kingwa	Rps1k	1-11, 13-15, 17-18, 21-22, 24
CNS2	Rps2	1-5, 9-20
PI171442	Rps3	1-5, 8-9, 11, 13-14, 16, 18, 23, 25
PI86050	Rps4	1-4, 10, 12-16, 18-21, 25
PI91160	Rps5	1-5, 8-9, 11-14, 18, 20, 25
Altona	Rps6	1-4, 10, 12, 14-16, 18-21, 25
Harosoy	RpsH	12, 16
Archer	Rps1k, Rps6	1-22, 24-25
Keller	Rps1c, Rps3	1-10, 13-18, 22-25
Winchester	Rps1b, Rps3	1-9, 13-16, 18, 21-23, 25
	Unknown	Unknown
	Not reported	Not reported by seed source

Table C. 2002 Conventional soybean entries by brand/variety, yield table number(s), and Phytophthora root rot race resistance.

No.	Brand / Variety	Table Number(s)	Mat. Grp.	Phytophthora Race resistance
1	COYOTE/9123	5,7	II	1-2,10-11,13,15-18,24
2	COYOTE/9525	5,7	II	Unknown
3	COYOTE/9723	5,7	II	1-2,10-11,13,15-18,24
4	MUSTANG/M-0883	1	0	No Resistance
5	MUSTANG/M-1173	4	I	No Resistance
6	MUSTANG/M-2243	7	II	No Resistance
7	SANDS/SOI 169	6	I	Unknown
8	SANDS/SOI 201N	5	II	Not Reported
9	SANDS/SOI 144	2	I	Unknown
10	SANDS/SOI 202	6	I	Not Reported
11	SANDS/SOI 288	7	II	Not Reported
12	SANDS/SOI 176	4,6	I	Not Reported
13	SANDS/SOI 187	2,4,6	I	1-2,10-11,13,15-18,24
14	SANDS/SOI 247N	5,7	II	Not Reported
15	SANDS/SOI 256	7	II	Not Reported
16	SANDS/SOI 2943N	7	II	1-2,10-11,13,15-18,24
17	KRUGER/K-1333+	1,3	0	Not Reported
18	KRUGER/K-2425	5,7	II	Not Reported
19	KRUGER/K-1606	2,4,6	I	Not Reported
20	KRUGER/K-1991	6	I	Not Reported
21	KRUGER/K-1919	2,6	I	Not Reported
22	KRUGER/K-1943	2,4,6	I	Not Reported
24	KRUGER/K-0707	1,3	0	Not Reported
25	KRUGER/K-1808	2,4,6	I	Not Reported
26	KRUGER/K-0888	1	0	Not Reported
27	KRUGER/K-0990	1,3	0	Not Reported
28	KRUGER/K-1222	1,3	0	Not Reported
29	KRUGER/K-1666	2	I	Not Reported
30	KRUGER/K-1996	2,4,6	I	1-2,10-11,13,15-18,24
31	KRUGER/K-2100	4	I	Not Reported
32	KRUGER/K-2330	5,7	II	Not Reported
33	KRUGER/K-2303	7	II	Not Reported
34	KRUGER/K-2323	5,7	II	Not Reported
35	KRUGER/K-2343A	4	I	Not Reported
36	KRUGER/K-2828	7	II	Not Reported
37	LATHAM/392	4,6	I	No Resistance
38	LATHAM/140	4	I	No Resistance
39	LATHAM/290	4	I	No Resistance
40	LATHAM/570	5,7	II	No Resistance
41	LATHAM/EXP-280	4	I	No Resistance
42	LATHAM/EXP-620	5,7	II	No Resistance
43	LATHAM/EXP-700	5,7	II	No Resistance
44	GOLD COUNTRY/BISCAY	2,4	I	No Resistance
45	GOLD COUNTRY/CLEMENTS	7	II	No Resistance
46	GOLD COUNTRY/X6219CYST	2,4	I	1-11,13-15,17-18,21-22,24
47	GOLD COUNTRY/6024FG	5,7	II	Not Reported
48	PRAIRIE BR./PB202	5,7	II	Not Reported
49	PRAIRIE BR./PB146	2,4	I	Not Reported
50	PRAIRIE BR./PB217	5,7	II	Not Reported

Table C. 2002 Conventional soybean entries (continued).

No.	Brand / Variety	Table Number(s)	Mat. Grp.	Phytophthora Race resistance
51	PRAIRIE BR./PB230	5,7	II	1-2,10-11,13,15-18,24
52	PRAIRIE BR./PB256	5,7	II	1-2,10-11,13,15-18,24
53	PRAIRIE BR./PB278	7	II	Not Reported
54	PRAIRIE BR./PB178	2,4,6	I	Not Reported
55	PRAIRIE BR./PB195	2,4,6	I	Not Reported
56	THOMPSON/T-3182	4,6	I	1-2,10-11,13,15-18,24
57	THOMPSON/T-3201	5,7	II	Unknown
58	THOMPSON/T-3231	7	II	1-2,10-11,13,15-18,24
59	THOMPSON/T-3221	5	II	1-11,13-15,17-18,21-22,24
60	THOMPSON/EXP-3192	4,6	I	Unknown
61	THOMPSON/EXP-3173	4	I	Unknown
62	THOMPSON/EXP-3251	5,7	II	Unknown
63	THOMPSON/T-3288	7	II	1-11,13-15,17-18,21-22,24
64	THOMPSON/EXP-3194	4,6	I	1-11,13-15,17-18,21-22,24
65	NORTHLAND/SOYAPRO	4	I	Unknown
66	NORTHLAND/ROYALPRO	2,4	I	Unknown
67	NORTHLAND/ALDER266FG	7	II	1-2,10-11,13,15-18,24
68	NORTHLAND/EXPM94-221-2	1	0	Unknown
69	NORTHLAND/EXP402-257	4	I	Not Reported
70	PUBLIC/HENDRICKS	1,3	0	1-2,10-11,13,15-18,24
71	PUBLIC/MN 0901	1,3	0	1-2,10-11,13,15-18,24
72	PUBLIC/SURGE	1,3	0	1-2,10-11,13,15-18,24
73	PUBLIC/STRIDE	2,4,6	I	1-2,10-11,13,15-18,24
74	PUBLIC/TURNER-SCN	5,7	II	1-3,6-11,13,15,17,21,23-24
75	PUBLIC/SPINK	1,3	0	Not Reported

Table D. 2002 Roundup Ready soybean entries by brand/variety, yield table number(s), and Phytophthora root rot race resistance.

No.	Brand / Variety	Table Number(s)	Mat. Grp.	Phytophthora Race resistance
1	ASGROW/AG0801	8,10	0	1-11,13-15,17-18,21-22,24
2	ASGROW/AG1602	13,15	I	1-11,13-15,17-18,21-22,24
3	ASGROW/AG2103	14	II	1-11,13-15,17-18,21-22,24
4	ASGROW/AG2302	14,16,18	II	1-11,13-15,17-18,21-22,24
5	ASGROW/AG2703	16,18	II	1-11,13-15,17-18,21-22,24
6	ASGROW/AG2905	18	II	1-3,6-11,13,15,17,21,23-24
7	ASGROW/AG1401	9,11,13	I	1-11,13-15,17-18,21-22,24
8	ASGROW/AG1701	9,11,13,15	I	1-3,6-11,13,15,17,21,23-24
9	ASGROW/AG2105	14,16	II	1-11,13-15,17-18,21-22,24
10	DEKALB/DKB24-51	16,18	II	Not Reported
11	ASGROW/AG2705	18	II	1-11,13-15,17-18,21-22,24
12	COYOTE/9419RR	13,15	I	1-11,13-15,17-18,21-22,24
13	COYOTE/9425RR	16,18	II	1-11,13-15,17-18,21-22,24
14	COYOTE/9626RR	16,18	II	1-11,13-15,17-18,21-22,24
15	COYOTE/9524RR	16,18	II	1-11,13-15,17-18,21-22,24
16	COYOTE/9728RR	16,18	II	Unknown
17	COYOTE/EXP518RR	13,15	I	Unknown
18	MUSTANG/M-091RR	8,10,12	0	No Resistance
19	MUSTANG/M-151RR	9,11,13	I	1-3,6-11,13,15,17,21,23-24
20	MUSTANG/M-082RR	8,12	0	1-11,13-15,17-18,21-22,24
21	MUSTANG/M-132RR	9,11,13	I	No Resistance
22	MUSTANG/M-142RR	11	I	1-11,13-15,17-18,21-22,24
23	MUSTANG/M-152RR	9,11,13	I	No Resistance
24	MUSTANG/M-242RR	14,16,18	II	No Resistance
25	MUSTANG/M-093RR	8,10	0	1-2,10-11,13,15-18,24
26	MUSTANG/M-101RR	9,11,13	I	1-3,6-11,13,15,17,21,23-24
27	MUSTANG/M-201RR	14,18	II	1-11,13-15,17-18,21-22,24
28	MUSTANG/M-211RR	14,18	II	1-11,13-15,17-18,21-22,24
29	MUSTANG/M-230RR	14,16,18	II	1-2,10-11,13,15-18,24
30	MUSTANG/M-241RR	14,16,18	II	No Resistance
31	MUSTANG/M-261RR	14,16,18	II	No Resistance
32	MUSTANG/M-280RR	18	II	1-11,13-15,17-18,21-22,24
33	MUSTANG/M-083RR	8,12	0	No Resistance
34	MUSTANG/M-092RR	8,10,12	0	No Resistance
35	MUSTANG/M-123RR	9,11,13	I	1-3,6-11,13,15,17,21,23-24
36	MUSTANG/M-153RR	9,11,13	I	No Resistance
37	MUSTANG/M-163RR	9,11,13	I	No Resistance
38	MUSTANG/M-193NRR	11,13	I	1-3,6-11,13,15,17,21,23-24
39	MUSTANG/M-203RR	14,16,18	II	No Resistance
40	MUSTANG/M-243RR	14,16,18	II	1-11,13-15,17-18,21-22,24
41	MUSTANG/M-273RR	18	II	No Resistance
42	MALLARD/RR1011	9,13	I	1-3,6-11,13,15,17,21,23-24
43	MALLARD/RR2111	16,18	II	1-11,13-15,17-18,21-22,24
44	MALLARD/RR EXP2012	16,18	II	No Resistance
45	MALLARD/RR EXP2214	16,18	II	1-11,13-15,17-18,21-22,24
46	DEKALB/DKB06-51	8,10	0	1-11,13-15,17-18,21-22,24
47	DEKALB/DKB23-51	14,18	II	1-2,10-11,13,15-18,24
48	DEKALB/DKB28-51	18	II	1-11,13-15,17-18,21-22,24
49	DEKALB/DKB26-52	18	II	1-2,10-11,13,15-18,24
50	DEKALB/DKB10-51	8,10,12	0	1-3,6-11,13,15,17,21,23-24

Table D. 2002 Roundup Ready soybean entries (continued).

No.	Brand / Variety	Table Number(s)	Mat. Grp.	Phytophthora Race resistance
51	DEKALB/DKB09-52	8,10,12	0	1-11,13-15,17-18,21-22,24
52	DEKALB/DKB15-51	9,11,13	I	No Resistance
53	DEKALB/DKB22-51	14,16	II	Unknown
54	DEKALB/DKB25-51	16,18	II	1-11,13-15,17-18,21-22,24
55	SANDS/SOI 0909RR	8,12	0	Not Reported
56	SANDS/SOI 1515RR	11,13	I	Not Reported
57	SANDS/SOI 1800RR	13,15	I	1-11,13-15,17-18,21-22,24
58	SANDS/SOI 226RR	16,18	II	Not Reported
59	SANDS/SOI 271RR	16,18	II	1-11,13-15,17-18,21-22,24
60	SANDS/SOI 2792RR	16	II	1-11,13-15,17-18,21-22,24
61	SANDS/SOI 1010RR	8,12	0	1-3,6-11,13,15,17,21,23-24
62	SANDS/SOI 1200RR	9,13	I	1-11,13-15,17-18,21-22,24
63	SANDS/SOI 1743RR	11,13	I	Not Reported
64	SANDS/SOI 2143RR	14,18	II	1-11,13-15,17-18,21-22,24
65	SANDS/SOI 1540RR	13	I	Not Reported
66	SANDS/SOI 231RR	16,18	II	Not Reported
67	SANDS/SOI 2531RR	16,18	II	1-11,13-15,17-18,21-22,24
68	SANDS/SOI 2541RR	14,16	II	Not Reported
69	SANDS/SOI 2642N/RR	16,18	II	1-2,10-11,13,15-18,24
70	SANDS/SOI 2872RR	16,18	II	Not Reported
71	HY-VIGOR/266RR	16	II	1-11,13-15,17-18,21-22,24
72	HY-VIGOR/H-174RR	13	I	1,3-9,13-15,18,21-22
73	HY-VIGOR/299XRR	18	II	1-11,13-15,17-18,21-22,24
74	HY-VIGOR/H-223RR	14	II	1-11,13-15,17-18,21-22,24
75	HY-VIGOR/216NR	18	II	1,3-9,13-15,18,21-22
76	DESOY/D-155+RR	13,15	I	Not Reported
77	DESOY/D-166RR	13	I	Not Reported
78	DESOY/D-163RR	9,11	I	Not Reported
79	DESOY/D-169RR	9,11,13,15	I	Not Reported
80	DESOY/D-199BRR	9,11,13,15	I	Not Reported
81	DESOY/D-188RR	9,11	I	Not Reported
82	DESOY/D-193RR	9,11,13,15,17	I	Not Reported
83	DESOY/D-191+RR	9,11,13,15,17	I	Not Reported
84	DESOY/D-200RR	9,11	I	Not Reported
85	DESOY/D-201+RR	14,16,18	II	Not Reported
86	DESOY/D-191RR	9,11,13	I	1-11,13-15,17-18,21-22,24
87	DESOY/D-211BRR	14,16,18	II	Not Reported
88	DESOY/D-233RR	14,16,18	II	Not Reported
89	DESOY/D-252-3RR	16,18	II	1-11,13-15,17-18,21-22,24
90	DESOY/D-253-3RR	14,16,18	II	1-11,13-15,17-18,21-22,24
91	DESOY/D-250-2RR	14,16,18	II	1-11,13-15,17-18,21-22,24
92	DESOY/D-259RR	14,16,18	II	Not Reported
93	DESOY/D-272RR	14,16,18	II	Not Reported
94	DESOY/D-279RR	16,18	II	Not Reported
95	DESOY/D-282+RR	16,18	II	Not Reported
96	DESOY/D-292RR	16,18	II	1-11,13-15,17-18,21-22,24
97	KRUGER/K-099+RR	8,10,12	0	Not Reported
98	KRUGER/K-250RR	14,16,18	II	Not Reported
99	KRUGER/K-222+RR	13,15,17	I	Not Reported
100	KRUGER/K-133RR	12	0	Not Reported

Table D. 2002 Roundup Ready soybean entries (continued).

No.	Brand / Variety	Table Number(s)	Mat. Grp.	Phytophthora Race resistance
101	KRUGER/K-177RR	13,15,17	I	1-11,13-15,17-18,21-22,24
102	KRUGER/K-199+RR	17	I	1-2,10-11,13,15-18,24
103	KRUGER/K-211ARR	13,15,17	I	1-2,10-11,13,15-18,24
104	KRUGER/K-244RR	16,18	II	1-11,13-15,17-18,21-22,24
105	KRUGER/K-269RR	14,16,18	II	Not Reported
106	KRUGER/K-088RR	8,10,12	0	1-11,13-15,17-18,21-22,24
107	KRUGER/K-080-1RR	10	0	1-2,10-11,13,15-18,24
108	KRUGER/K-091-1RR	8	0	Not Reported
109	KRUGER/K-121RR	10,12	0	1-11,13-15,17-18,21-22,24
110	KRUGER/K-122RR	8,10	0	Not Reported
111	KRUGER/K-155RR	11,13	I	Not Reported
112	KRUGER/K-202-1RR	11,13	I	Not Reported
113	KRUGER/K-212-2RR	11,13,15,17	I	1-11,13-15,17-18,21-22,24
114	KRUGER/K-252-2RR	14,18	II	1-11,13-15,17-18,21-22,24
115	KRUGER/K-252-3RR	14	II	1-11,13-15,17-18,21-22,24
116	KRUGER/K-262-2RR	14,16,18	II	1-11,13-15,17-18,21-22,24
117	KRUGER/K-060RR	8	0	Not Reported
118	KRUGER/K-050RR	8	0	Not Reported
119	KRUGER/K-076RR	8,10	0	Not Reported
120	KRUGER/K-082RR	8,10,12	0	Not Reported
121	KRUGER/K-083RR	10,12	0	Not Reported
122	KRUGER/K-070RR	8,10,12	0	Not Reported
123	KRUGER/K-090RR	8,10,12	0	Not Reported
124	KRUGER/K-155+RR	9,11	I	Not Reported
125	KRUGER/K-166RR	9,11	I	Not Reported
126	KRUGER/K-199RR	9,11,13,15,17	I	1-11,13-15,17-18,21-22,24
127	KRUGER/K-201RR	9,11,13,15,17	I	Not Reported
128	KRUGER/K-191RR	15,17	I	1-11,13-15,17-18,21-22,24
129	KRUGER/K-211RR	14,16,18	II	Not Reported
130	KRUGER/K-211+RR	9,11,13,15,17	I	Not Reported
131	KRUGER/K-223RR	14,16,18	II	1-11,13-15,17-18,21-22,24
132	KRUGER/K-232RR	14,16,18	II	1-11,13-15,17-18,21-22,24
133	KRUGER/K-202+RR	9,11,13,15,17	I	1-11,13-15,17-18,21-22,24
134	KRUGER/K-268 RR	14,16,18	II	1-11,13-15,17-18,21-22,24
135	KRUGER/K-287RR	14,16,18	II	1-11,13-15,17-18,21-22,24
136	KRUGER/K-270RR	16,18	II	Not Reported
137	LATHAM/457RR	16,18	II	No Resistance
138	LATHAM/137RR	13	I	No Resistance
139	LATHAM/507RR	18	II	No Resistance
140	LATHAM/418RR	17	I	No Resistance
141	LATHAM/497RR	14,16,18	II	1-11,13-15,17-18,21-22,24
142	LATHAM/647RR	16,18	II	1-11,13-15,17-18,21-22,24
143	LATHAM/727RR	16,18	II	1-11,13-15,17-18,21-22,24
144	LATHAM/917RR	16	II	1-11,13-15,17-18,21-22,24
145	LATHAM/EXP-058RR	8	0	No Resistance
146	LATHAM/EXP-068RR	8	0	1-11,13-15,17-18,21-22,24
147	LATHAM/EXP-078RR	8	0	No Resistance
148	LATHAM/EXP-118RR	13	I	1-3,6-11,13,15,17,21,23-24
149	LATHAM/297RR	13	I	1-11,13-15,17-18,21-22,24
150	LATHAM/EXP-318RR	13	I	No Resistance

Table D. 2002 Roundup Ready soybean entries (continued).

No.	Brand / Variety	Table Number(s)	Mat. Grp.	Phytophthora Race resistance
151	LATHAM/EXP-468RR	14	II	No Resistance
152	LATHAM/EXP-658RR	18	II	No Resistance
153	LATHAM/EXP-678RR	14,18	II	No Resistance
154	LATHAM/697RR	18	II	1-2,10-11,13,15-18,24
155	LATHAM/EXP-738RR	16	II	No Resistance
156	LATHAM/967RR	18	II	No Resistance
157	GOLD COUNTRY/6016RR	9,11,13	I	1-3,6-11,13,15,17,21,23-24
158	GOLD COUNTRY/2115RR	9,11	I	Not Reported
159	GOLD COUNTRY/1122RR	14	II	Not Reported
160	GOLD COUNTRY/6117RR	11	I	Not Reported
161	GOLD COUNTRY/6318RR	11	I	Not Reported
162	GOLD COUNTRY/3809RR	8,10	0	Not Reported
163	GOLD COUNTRY/2309RR	8,10	0	1-3,6-11,13,15,17,21,23-24
164	GOLD COUNTRY/2315RR	9,11	I	Not Reported
165	GOLD COUNTRY/6316RR	9,11	I	Not Reported
166	GOLD COUNTRY/1221RR	11,13	I	1-11,13-15,17-18,21-22,24
167	GOLD COUNTRY/3213RR	9,11	I	1-11,13-15,17-18,21-22,24
168	GOLD COUNTRY/6221RR	14	II	1-11,13-15,17-18,21-22,24
169	DAIRYLAND/DSR-130/RR	9,11,13	I	No Resistance
170	DAIRYLAND/DSR-228/RR	16,18	II	No Resistance
171	DAIRYLAND/DSR-101/RR	8,10,12	0	No Resistance
172	DAIRYLAND/DSR-181/RR	11,13	I	No Resistance
173	DAIRYLAND/DSR-221/RR	14,16,18	II	1-11,13-15,17-18,21-22,24
174	DAIRYLAND/DSR-040/RR	8,10,12	0	No Resistance
175	DAIRYLAND/DST0811/RR	8,10	0	No Resistance
176	DAIRYLAND/DST1226/RR	11,13	I	1-11,13-15,17-18,21-22,24
177	DAIRYLAND/DSR-184/RR	11,13	I	1-11,13-15,17-18,21-22,24
178	DAIRYLAND/DSR-199/RR	11,13,15,17	I	1-11,13-15,17-18,21-22,24
179	TOP FARM/6202RR	11,13,15,17	I	Not Reported
180	TOP FARM/EXP3211RR	14,16,18	II	Not Reported
181	TOP FARM/6072RR	8,10,12	0	Not Reported
182	TOP FARM/6102RR	8,10,12	0	Not Reported
183	TOP FARM/6223RR	14,16,18	II	Not Reported
184	TOP FARM/6149RR	9,11,13	I	Not Reported
185	TOP FARM/EXP3182RR	9,11,13,15,17	I	Not Reported
186	KALTENBERG/KB161RR	13	I	1-3,6-11,13,15,17,21,23-24
187	KALTENBERG/KB261RR	16,18	II	1-11,13-15,17-18,21-22,24
188	KALTENBERG/KB172RR	13	I	1-11,13-15,17-18,21-22,24
189	KALTENBERG/KB153RR	13	I	No Resistance
190	KALTENBERG/KB241RR	16,18	II	No Resistance
191	KALTENBERG/KB273RR	16,18	II	1-11,13-15,17-18,21-22,24
192	STINE/S0806-4	8	0	1-2,10-11,13,15-18,24
193	STINE/S1303-4	11,13	I	No Resistance
194	STINE/S1918-4	11,13,15,17	I	No Resistance
195	STINE/S0840-4	8,10	0	No Resistance
196	STINE/S0846-4	8,10	0	No Resistance
197	STINE/S1346-4	9,11,13	I	No Resistance
198	STINE/S1586-4	9,11,13	I	No Resistance
199	STINE/S1613-4	11	I	1-11,13-15,17-18,21-22,24
200	GOLDEN HARVEST/H2304RR	16,18	II	1-11,13-15,17-18,21-22,24

Table D. 2002 Roundup Ready soybean entries (continued).

No.	Brand / Variety	Table Number(s)	Mat. Grp.	Phytophthora Race resistance
201	GOLDEN HARVEST/H1091RR	9,11,13	I	1-11,13-15,17-18,21-22,24
202	GOLDEN HARVEST/H1535RR	9,11,13	I	1-11,13-15,17-18,21-22,24
203	GOLDEN HARVEST/H2162RR	16,18	II	1-11,13-15,17-18,21-22,24
204	PRAIRIE BR./PB-0920RR	8,10,12	0	Not Reported
205	PRAIRIE BR./PB-1030RR	8,10	0	1-3,6-11,13,15,17,21,23-24
206	PRAIRIE BR./PB-1620RR	9,11,13	I	1-3,6-11,13,15,17,21,23-24
207	PRAIRIE BR./PB-2397RR	14,16,18	II	Not Reported
208	PRAIRIE BR./PB-1246RR	9,11	I	Not Reported
209	PRAIRIE BR./PB-2117RR	14	II	Not Reported
210	PRAIRIE BR./PB-0561RR	8,10	0	Not Reported
211	PRAIRIE BR./PB-1241RR	9,11,13	I	1-11,13-15,17-18,21-22,24
212	PRAIRIE BR./PB-1701RR	13	I	1-11,13-15,17-18,21-22,24
213	PRAIRIE BR./PB-1821RR	11,13,15,17	I	Not Reported
214	PRAIRIE BR./PB-2131RR	14	II	1-11,13-15,17-18,21-22,24
215	PRAIRIE BR./PB-2141RR	14,16,18	II	1-11,13-15,17-18,21-22,24
216	PRAIRIE BR./PB-2421RR	14,16,18	II	1-11,13-15,17-18,21-22,24
217	PRAIRIE BR./PB-2821RR	16,18	II	Not Reported
218	PRAIRIE BR./PB-0532RR	8,10	0	Not Reported
219	PRAIRIE BR./PB-0732RR	8,10	0	Not Reported
220	PRAIRIE BR./PB-0812RR	8,10,12	0	Not Reported
221	PRAIRIE BR./PB-0932RR	8,10	0	1-11,13-15,17-18,21-22,24
222	PRAIRIE BR./PB-0940RR	8,10	0	Not Reported
223	PRAIRIE BR./PB-1032RR	8,10	0	Not Reported
224	PRAIRIE BR./PB-1232RR	8,10	0	Not Reported
225	PRAIRIE BR./PB-1452RR	9,11,13	I	Not Reported
226	PRAIRIE BR./PB-1532RR	9,11,13	I	1-11,13-15,17-18,21-22,24
227	PRAIRIE BR./PB-1552RR	9,11,13	I	Not Reported
228	PRAIRIE BR./PB-1921RR	9,11,13,15,17	I	1-11,13-15,17-18,21-22,24
229	PRAIRIE BR./PB-1932RR	15,17	I	Not Reported
230	PRAIRIE BR./PB-1981RR1	11,13,15,17	I	1-11,13-15,17-18,21-22,24
231	PRAIRIE BR./PB-2112RR	11,13,15,17	I	Not Reported
232	PRAIRIE BR./PB-2232RR	14,16,18	II	1-11,13-15,17-18,21-22,24
233	PRAIRIE BR./PB-2352RR	14,16,18	II	1-11,13-15,17-18,21-22,24
234	PRAIRIE BR./PB-2452RR	14,16,18	II	Not Reported
235	PRAIRIE BR./PB-2552RR	14,16,18	II	Not Reported
236	PRAIRIE BR./PB-2572RR	14,16,18	II	Not Reported
237	PRAIRIE BR./PB-2832RR	16,18	II	Not Reported
238	GREAT LAKES/GL1903RR	13	I	1-11,13-15,17-18,21-22,24
239	GREAT LAKES/GL2109RR	14	II	1-3,6-11,13,15,17,21,23-24
240	GREAT LAKES/GL2200RR	14	II	Not Reported
241	GREAT LAKES/GL2419RR	18	II	1-3,6-11,13,15,17,21,23-24
242	GREAT LAKES/GL2515RR	18	II	1-11,13-15,17-18,21-22,24
243	GREAT LAKES/GL2704RR	18	II	Not Reported
244	GREAT LAKES/GL1400RR	9	I	Not Reported
245	GREAT LAKES/GL1502RR	13	I	Not Reported
246	GREAT LAKES/GL2301RR	14,18	II	1-11,13-15,17-18,21-22,24
247	GREAT LAKES/GL2709RR	18	II	Not Reported
248	MIDWEST SEED/GR1545	13	I	Not Reported
249	MIDWEST SEED/GR2037	14,16,18	II	Not Reported
250	MIDWEST SEED/GR2255	16,18	II	1-11,13-15,17-18,21-22,24

Table D. 2002 Roundup Ready soybean entries (continued).

No.	Brand / Variety	Table Number(s)	Mat. Grp.	Phytophthora Race resistance
251	MIDWEST SEED/GR2746	16,18	II	Not Reported
252	MIDWEST SEED/GR1832	13	I	1-11,13-15,17-18,21-22,24
253	MIDWEST SEED/GR0804	8,10	0	1-11,13-15,17-18,21-22,24
254	MIDWEST SEED/EXP12-01	9,11	I	1-3,6-11,13,15,17,21,23-24
255	DYNA-GRO/DG 3223RR	14	II	No Resistance
256	DYNA-GRO/DG 3082RR	8,10,12	0	No Resistance
257	DYNA-GRO/DG 3094RR	8,10	0	No Resistance
258	DYNA-GRO/EXP DGX408RR	9,11,13	I	No Resistance
259	DYNA-GRO/EXP DGX409RR	9,11,13	I	No Resistance
260	DYNA-GRO/EXP DGX426RR	9,11	I	No Resistance
261	DYNA-GRO/DG 3172RR	13	I	No Resistance
262	DYNA-GRO/DG 3183RR	11,13,15,17	I	No Resistance
263	DYNA-GRO/EXP DGX382RR	14,16,18	II	No Resistance
264	DYNA-GRO/DG 3200RR	14,16,18	II	No Resistance
265	DYNA-GRO/EXP DGX413RR	16,18	II	No Resistance
266	DYNA-GRO/EXP DGX432RR	18	II	No Resistance
267	ZILLER/BT 7150R	9,13	I	1-3,6-11,13,15,17,21,23-24
268	ZILLER/BT 7211R	18	II	Unknown
269	ZILLER/BT 7090R	8,12	0	1-2,10-11,13,15-18,24
270	ZILLER/BT 7106R	9,13	I	1-3,6-11,13,15,17,21,23-24
271	ZILLER/BT 7193R	13,17	I	Unknown
272	KAYSTAR/K-0960RR	8,10	0	1-2,10-11,13,15-18,24
273	KAYSTAR/K-2110RR	16	II	1-11,13-15,17-18,21-22,24
274	KAYSTAR/K-1785RR	15	I	
275	KAYSTAR/K-0760RR	9	I	1-11,13-15,17-18,21-22,24
276	KAYSTAR/K-1501RR	13	I	1-11,13-15,17-18,21-22,24
277	WENSMAN/W 2100RR	8,10	0	1-3,6-11,13,15,17,21,23-24
278	WENSMAN/W 2160RR	9,11,13	I	1-3,6-11,13,15,17,21,23-24
279	WENSMAN/W 2153RR	9,11,13	I	No Resistance
280	WENSMAN/W 2131RR	9,11,13	I	1-11,13-15,17-18,21-22,24
281	WENSMAN/W 2077RR	8	0	No Resistance
282	WENSMAN/W 2081RR	8	0	1-2,10-11,13,15-18,24
283	WENSMAN/W 2093RR	8	0	No Resistance
284	WENSMAN/W 2145RR	9,11,13	I	No Resistance
285	WENSMAN/W 2162RR	9,11,13	I	No Resistance
286	WENSMAN/W 2186RR	13,17	I	1-11,13-15,17-18,21-22,24
287	WENSMAN/W 2192NRR	13,17	I	1-3,6-11,13,15,17,21,23-24
288	WENSMAN/W 2213RR	13,17	I	No Resistance
289	DEN BESTEN/DB0900RR	8,10,12	0	No Resistance
290	DEN BESTEN/DB2200RR	14,16,18	II	No Resistance
291	DEN BESTEN/DB0802RR	8,10,12	0	1-11,13-15,17-18,21-22,24
292	DEN BESTEN/DB1102RR	8,10,12	0	1-11,13-15,17-18,21-22,24
293	DEN BESTEN/DB2601RR	14,16,18	II	1-11,13-15,17-18,21-22,24
294	DEN BESTEN/DB1502RR	9,11,13	I	No Resistance
295	DEN BESTEN/DB1902RR	9,11,13,15,17	I	1-11,13-15,17-18,21-22,24
296	DEN BESTEN/DB2402RR	14,16,18	II	No Resistance
297	DEN BESTEN/DB2703RR	14,16,18	II	1-11,13-15,17-18,21-22,24
298	DEN BESTEN/DB1303RR	9,11,13	I	No Resistance
299	DEN BESTEN/DB1703RR	9,11,13,15	I	1-11,13-15,17-18,21-22,24
300	DEN BESTEN/DB1803RR	9,11,13,15,17	I	1-11,13-15,17-18,21-22,24

Table D. 2002 Roundup Ready soybean entries (continued).

No.	Brand / Variety	Table Number(s)	Mat. Grp.	Phytophthora Race resistance
301	DEN BESTEN/DB1903NRR	11,13,15,17	I	Not Reported
302	DEN BESTEN/DB2103RR	14,16,18	II	1-11,13-15,17-18,21-22,24
303	DEN BESTEN/DB2303RR	14,16,18	II	No Resistance
304	DEN BESTEN/DB2503RR	14,16,18	II	No Resistance
305	DEN BESTEN/DB2803RR	14,16,18	II	No Resistance
306	US SEEDS/US S0909RR	8,10	0	No Resistance
307	US SEEDS/US S1002RR	9,11	I	1-3,6-11,13,15,17,21,23-24
308	US SEEDS/US S1403RR	9,11,13	I	No Resistance
309	US SEEDS/US S1603RR	11,13	I	No Resistance
310	US SEEDS/US S1703RR	13,15,17	I	1-11,13-15,17-18,21-22,24
311	US SEEDS/US S2103RR	14,16,18	II	Not Reported
312	US SEEDS/US S2403RR	16,18	II	Not Reported
313	US SEEDS/US S2503RR	16,18	II	Not Reported
314	US SEEDS/US S2703RR	16,18	II	Not Reported
315	LG SEEDS/C 1410RR	9	I	No Resistance
316	LG SEEDS/C 1911RR	11,13,15	I	1-11,13-15,17-18,21-22,24
317	LG SEEDS/C 2142RR	14,16	II	No Resistance
318	THOMPSON/T-7205RR	13,15,17	I	Not Reported
319	THOMPSON/T-7217RR	13,17	I	Not Reported
320	THOMPSON/T-7225RR	14	II	Not Reported
321	THOMPSON/T-7095RR	12	0	Not Reported
322	THOMPSON/T-7214RR	13,15,17	I	Not Reported
323	THOMPSON/T-7242RR	14,16,18	II	Not Reported
324	THOMPSON/EXP7254RR	16,18	II	Not Reported
325	THOMPSON/T-7262RR	14,16,18	II	Not Reported
326	THOMPSON/T-7285RR	16	II	Not Reported
327	THOMPSON/T-7181RR	13,17	I	Not Reported
328	DAHLCO/9160RR	13,15	I	1-3,6-11,13,15,17,21,23-24
329	DAHLCO/EXP-1180RR	15,17	I	No Resistance
330	DAHLCO/EXP-2091RR	8,10	0	1-11,13-15,17-18,21-22,24
331	DAHLCO/EXP-2111RR	8,10	0	1-3,6-11,13,15,17,21,23-24
332	DAHLCO/EXP-1040RR	8,10	0	1-11,13-15,17-18,21-22,24
333	DAHLCO/EXP-1130RR	9,13	I	No Resistance
334	DAHLCO/EXP-1211RR	16,18	II	1-11,13-15,17-18,21-22,24
335	NORTHSTAR/NS 0954RR	8,10,12	0	Not Reported
336	NORTHSTAR/NS 1624RR	13,15	I	Not Reported
337	NORTHSTAR/NS 1307RR	9,11,13	I	Not Reported
338	NORTHSTAR/NS 1407RR	9,11,13	I	Not Reported
339	NORTHSTAR/NS 2107RR	16,18	II	Not Reported
340	NORTHSTAR/NS 2817RR	18	II	Not Reported
341	SEEDS 2000/2110RR	8	0	1-11,13-15,17-18,21-22,24
342	RENK/RS159RR	13,15,17	I	1-3,6-11,13,15,17,21,23-24
343	RENK/RS199RR	13,15,17	I	1-11,13-15,17-18,21-22,24
344	RENK/RS240RR	16,18	II	1-11,13-15,17-18,21-22,24
345	RENK/RS212RR	14,16,18	II	1-11,13-15,17-18,21-22,24
346	RENK/RS252RR	16,18	II	1-11,13-15,17-18,21-22,24
347	RENK/RS172RR	13,15,17	I	1-11,13-15,17-18,21-22,24
348	CROWS/C1530R	9	I	Not Reported
349	CROWS/C0820R	10	0	1-11,13-15,17-18,21-22,24
350	CROWS/C1630R	11,13	I	1-11,13-15,17-18,21-22,24

Table D. 2002 Roundup Ready soybean entries (continued).

No.	Brand / Variety	Table Number(s)	Mat. Grp.	Phytophthora Race resistance
351	CROWS/C2130R	14	II	Not Reported
352	CROWS/C2435R	16,18	II	1-11,13-15,17-18,21-22,24
353	CROWS/EXP221	16,18	II	1-11,13-15,17-18,21-22,24
354	BIO GENE SEEDS/BG091RR	8,10,12	0	1-2,10-11,13,15-18,24
355	BIO GENE SEEDS/BG090RR	8,10,12	0	1-2,10-11,13,15-18,24
356	MERSCHMAN/MARS VIIRR	17	I	1-2,10-11,13,15-18,24
357	MERSCHMAN/VENUS RR	17	I	1-2,10-11,13,15-18,24
358	MERSCHMAN/MUNSEE IIIIR	18	II	1-11,13-15,17-18,21-22,24
359	MERSCHMAN/UTE RR	18	II	1-11,13-15,17-18,21-22,24
360	MERSCHMAN/NAVAHO VIIRR	18	II	1-3,6-11,13,15,17,21,23-24
361	MERSCHMAN/MOHEGAN IVRR	18	II	1-3,6-11,13,15,17,21,23-24
362	MERSCHMAN/APACHE VIIIR	18	II	1-2,10-11,13,15-18,24
363	MERSCHMAN/SHAWNEE VIIIR	18	II	1-2,10-11,13,15-18,24
364	MERSCHMAN/SIOUX IIRR	18	II	1-11,13-15,17-18,21-22,24
365	MERSCHMAN/CHEROKEE XRR	18	II	1-3,6-11,13,15,17,21,23-24
366	EXCEL/8110RR	8	0	No Resistance
367	EXCEL/8120RR	9	I	No Resistance
368	EXCEL/8153RR	9,13	I	1-11,13-15,17-18,21-22,24
369	EXCEL/8172RR	9,13	I	1-11,13-15,17-18,21-22,24
370	EXCEL/8193RR	13	I	1-11,13-15,17-18,21-22,24
371	EXCEL/8200RR	14,18	II	No Resistance
372	EXCEL/8235RR	18	II	No Resistance
373	EXCEL/8254RR	18	II	No Resistance
374	SABRE/121RR	9,11,13	I	1-11,13-15,17-18,21-22,24
375	SABRE/140RR	9,11,13	I	1-3,6-11,13,15,17,21,23-24
376	SABRE/090RR	8,10,12	0	1-11,13-15,17-18,21-22,24
377	SABRE/098RR	8,10,12	0	Unknown
378	PETERSON/EXP 0412	9,11,13	I	1-3,6-11,13,15,17,21,23-24
379	PETERSON/EXP 0415	9,11,13	I	Not Reported
380	PETERSON/0109 RR	8,10,12	0	Not Reported
381	SODAK GENETICS/SD1081RR	8,10,12	0	1-2,10-11,13,15-18,24
382	SODAK GENETICS/SD1091RR	8,10,12	0	1-2,10-11,13,15-18,24

Table E. Mailing addresses of seed companies entered in the 2002 soybean trials according to seed brand name.

Seed brand	Mailing address
Asgrow	Monsanto, 3100 Sycamore Rd, Dekalb, IA 60115
BioGene	Bio Gene Seeds, 5491 Tri-County Hwy, Sardinia, OH 45171
Coyote	Coyote Seed Mills, Inc., PO Box 16, Bridgewater, SD 57319-0016
Crows	Crows Hybrid Corn Co., 14575 University, Waukee, IA 50263
Dairyland	Dairyland Seed Co., Inc., PO Box 958, West Bend, WI 53095
Dekalb	Monsanto, 3100 Sycamore Rd, Dekalb, IA 60115
DenBesten	Den Besten Seed Co., Box 896, Platte, SD 57369
Dahlco	Dahlco Seeds, 14730 15th St. SW, Cokato, MN 55321
Desoy	6131 North Fork Rd. Ames, IA 50010
Dyna-Gro	UAP Midwest, PO Box 10, Wall Lake, IA 51466
Excel	Excel Brand, 116 E. State, Camp Point, IL 62320
Gold Country	Gold Country Seed Inc., PO Box 604, Hutchinson, MN 55350
Golden Harvest	J.C. Robinson Seed Co., PO Box A, Waterloo, NE 68069
Great Lakes	Great Lakes Hybrids Inc., 9915 W M-21, Ovid, MI 48866
Hy-Vigor	Hy-Vigor Seed Inc., 4970 Redwood Ave, Paullina, IA 51046
Kaltenberg	Kaltenberg Seeds, PO Box 278, Waunakee, WI 53597
Kaystar	Kaystar Seed, PO Box 947, Huron, SD 57350
Kruger	Kruger Seed Co., Hwy 20 E Box A, Dike, IA 50624
Latham	Latham Seed Co., 131 180th St, Alexander, IA 50420-8028
LG Seeds	LG Seeds, 810 Keene Drive, Columbus, NE 68601
Mallard	Mallard Seed Co., PO Box 637, Plainview, MN 55964
Merschaman	Merschman Seeds, Inc. 103 Ave. D, West Point, IA 52656
Midwest	Midwest Seed Genetics, 14475 University Ave, Waukee, IA 50263
Mustang	Mustang Seeds, PO Box 466, Madison, SD 57042
Northland	Northland Seed & Grain, Corp., 462 Holly Ave., St. Paul MN 55102
Northstar	Northstar Genetics, Box 40, Wanamingo, MN 55983
Peterson	Peterson Farms Seed, 3104 164R Ave. SE, Harwood, ND 58042
Prairie Brand	Prairie Brand Seed Co., 15 X Ave., Story City, IA 50248
Renk	Renk Seed Co., 6800 Wilburn Rd., Sun Prairie, WI 53590
Sabre	Sabre Initiatives, LLC, 2508 Trott Ave. SW, Willmar, MN 56201
Sands	Sand Seed Service, Inc., Box 648, Marcus, IA 51035
Seeds 2000	Seeds 2000, PO Box 200, Breckenridge, MN 56520
Sodak Genetics	Foundation Seed Stocks, Box 2207A, SDSU, Brookings, SD 57007
Stine	Stine Seed Co., 2225 Laredo Trail, Adel, IA 50003
Thompson	Thompson Seed, 40321 130th Ave., Leland, IA 50453
Top Farm	Top Farm Hybrids, PO Box 850, Cokato, MN 55321
US Seeds	United Suppliers Inc., PO Box 538, Eldora, IA 50627
Wensman	Wensman Seed Co., PO Box 190, Wadena, MN 56482
Ziller	Ziller Seed Co., 76374 380th St., Bird Island, MN 55310

Table 1. South Shore, maturity group-0 soybean test results, 2000-2002.
N.E. Research Farm, seeded May 28.

Brand / Entry	Yield - bu/a (13% moisture)			2001 Prot. pct+	2001 Oil pct+	Ht. in.	----- 2002 -----	
	3yr	2yr	2002	Ldg. Sc.~	Maturity: Days after seeding			
	----- Entries tested three years -----							
KRUGER/K-1333+	40	41	43	35.3	16.7	26	1	112
PUBLIC/SURGE	39	38	41	36.2	16.5	27	1	111
PUBLIC/HENDRICKS	37	38	40	35.0	16.9	26	1	112
PUBLIC/MN 0901	36	35	35	35.3	16.8	25	1	109
PUBLIC/SPINK	35	35	36	34.5	17.0	28	1	109
	----- Entries tested two years -----							
KRUGER/K-0707	.	41	42	36.0	17.5	25	1	103
	----- Entries tested one year -----							
KRUGER/K-1222	.	.	46	.	.	26	1	112
KRUGER/K-0888	.	.	46	.	.	28	1	112
KRUGER/K-0990	.	.	40	.	.	25	1	106
MUSTANG/M-0883	.	.	39	.	.	24	1	104
NORTHLAND/EXPM94-221-2	.	.	29	.	.	31	1	108
Test average:	37	38	40	35.4	16.9	27	1	109
LSD(5%) value (\$):	NS	NS	5					
Min.top yield value (\$):	35	35	41					
Coef. of variation (#):	8	9	8					

\$/+ See yield / protein & oil sections, respectively.

~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.

Measure of experimental error: values of < 15% are desired.

Table 2. South Shore, maturity group-I soybean test results, 2000-2002.
N.E. Research Farm, seeded May 28.

Brand / Entry	Yield - bu/a (13% moisture)			2001 Prot.	2001 Oil	Ht. in.	Ldg. Sc.~	----- 2002 ----- Maturity: Days after seeding
	3yr	2yr	2002	pct+	pct+			
----- Entries tested three years -----								
KRUGER/K-1606	41	43	47	34.4	16.6	28	1	117
KRUGER/K-1919	40	42	49	36.2	15.9	27	1	115
GOLD COUNTRY/BISCAY	40	42	45	35.4	16.8	26	1	113
PUBLIC/STRIDE	36	35	36	33.3	17.6	24	1	110
----- Entries tested two years -----								
KRUGER/K-1943	.	45	55	33.5	16.2	30	1	116
KRUGER/K-1808	.	42	47	34.9	16.5	25	1	117
----- Entries tested one year -----								
PRAIRIE BR./PB195	.	.	51	.	.	28	1	115
KRUGER/K-1666	.	.	51	.	.	30	1	117
SANDS/SOI 187	.	.	50	.	.	29	1	116
KRUGER/K-1996	.	.	50	.	.	31	1	116
PRAIRIE BR./PB178	.	.	49	.	.	27	1	116
PRAIRIE BR./PB146	.	.	48	.	.	27	1	113
GOLD COUNTRY/X6219CYST	.	.	48	.	.	26	1	116
SANDS/SOI 144	.	.	45	.	.	26	1	112
NORTHLAND/ROYALPRO	.	.	37	.	.	27	1	112
Test average:	39	41	47	34.6	16.6	27	1	114
LSD(5%) value (\$):	NS	NS	6					
Min.top yield value (\$):	36	35	49					
Coef. of variation (#):	8	8	7					

\$/+ See yield / protein & oil sections, respectively.

~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.

NS - Indicates differences between values within a column are not significant.

Measure of experimental error: values of < 15% are desired.

Table 3. Brookings, maturity group-0 soybean test results, 2000-2002.
 SDSU Agronomy Farm, seeded May 22.

Brand / Entry	Yield - bu/a (13% moisture)			2001	2001	Ht. in.	Ldg. Sc.~	----- 2002 -----
	3yr	2yr	2002	Prot. pct+	Oil pct+			Maturity: Days after seeding
	----- Entries tested three years -----							
KRUGER/K-1333+	47	45	47	34.7	17.2	24	1	123
PUBLIC/SURGE	44	40	46	36.4	16.9	23	1	121
PUBLIC/SPINK	43	42	48	34.5	17.3	27	1	121
PUBLIC/MN 0901	43	41	44	35.5	16.9	23	1	120
PUBLIC/HENDRICKS	40	38	47	34.8	17.1	21	1	123
	----- Entries tested two years -----							
KRUGER/K-0707	.	44	46	35.5	17.1	22	1	113
	----- Entries tested one year -----							
KRUGER/K-1222	.	.	54	.	.	24	1	121
KRUGER/K-0990	.	.	43	.	.	20	1	113
Test average:	43	42	47	35.2	17.1	23	1	119
LSD(5%) value (\$):	NS	NS	5					
Min.top yield value (\$):	40	38	49					
Coef. of variation (#):	7	7	6					

\$/+ See yield / protein & oil sections, respectively.

~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.

NS - Indicates differences between values within a column are not significant.

Measure of experimental error: values of < 15% are desired.

Table 4. Brookings, maturity group-I soybean test results, 2000-2002.
SDSU Agronomy Farm, seeded May 22.

Brand / Entry	Yield - bu/a (13% moisture)			2001 Prot. pct+	2001 Oil pct+	Ht. in.	----- 2002 ----- Ldg. Sc.~	Maturity: Days after seeding
	3yr	2yr	2002					

Entries tested three years								
THOMPSON/T-3182	50	50	60	32.4	17.2	28	1	127
KRUGER/K-1606	49	49	56	32.1	17.7	26	1	127
PRAIRIE BR./PB146	47	44	51	35.1	17.1	25	1	126
GOLD COUNTRY/BISCAY	46	46	52	34.6	17.3	24	1	125
LATHAM/140	45	45	53	34.8	17.3	26	1	125
LATHAM/392	45	44	54	34.1	16.4	27	1	127
PUBLIC/STRIDE	43	41	46	33.0	17.5	22	1	125

Entries tested two years								
KRUGER/K-1943	.	49	60	31.8	17.3	28	1	129

Entries tested one year								
KRUGER/K-1996	.	.	61	.	.	26	1	127
KRUGER/K-2343A	.	.	61	.	.	25	1	127
THOMPSON/EXP-3194	.	.	58	.	.	30	1	126
PRAIRIE BR./PB178	.	.	57	.	.	23	1	126
THOMPSON/EXP-3192	.	.	56	.	.	26	1	126
SANDS/SOI 187	.	.	56	.	.	27	1	128
THOMPSON/EXP-3173	.	.	55	.	.	22	1	127
MUSTANG/M-1173	.	.	54	.	.	24	1	127
PRAIRIE BR./PB195	.	.	54	.	.	24	1	125
SANDS/SOI 176	.	.	54	.	.	24	1	126
KRUGER/K-2100	.	.	53	.	.	24	1	127
LATHAM/EXP-280	.	.	53	.	.	23	1	125
GOLD COUNTRY/X6219CYST	.	.	53	.	.	25	1	125
KRUGER/K-1808	.	.	51	.	.	24	1	128
LATHAM/290	.	.	51	.	.	25	1	126
NORTHLAND/ROYALPRO	.	.	46	.	.	30	1	124
NORTHLAND/SOYAPRO	.	.	46	.	.	27	1	127
NORTHLAND/EXP402-257	.	.	42	.	.	32	1	127

Test average:	47	46	53	33.5	17.2	26	1	126
LSD(5%) value (\$):	4	NS	5					
Min.top yield value (\$):	46	41	56					
Coef. of variation (#):	8	9	6					

\$/+ See yield / protein & oil sections, respectively.

~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.

NS - Indicates differences between values within a column are not significant.

Measure of experimental error: values of < 15% are desired.

Table 5. Brookings, maturity group-II soybean test results, 2000-2002.
SDSU Agronomy Farm, seeded May 22.

Brand / Entry*	Yield - bu/a (13% moisture)			2001 Prot.	2001 Oil	Ht. in.	----- 2002 ----- Maturity: Days after seeding	
	3yr	2yr	2002	pct+	pct+		Ldg. Sc.~	
	----- 2002 -----							
	Entries tested three years							
PRAIRIE BR./PB202	50	50	61	32.8	16.7	29	1	129
KRUGER/K-2425	48	50	60	34.0	16.2	25	1	127
PRAIRIE BR./PB217	47	47	60	33.7	16.4	26	1	129
PRAIRIE BR./PB230	46	47	57	32.9	17.1	28	1	127
PUBLIC/TURNER-SCN	43	43	53	33.5	16.7	30	1	131
	----- 2002 -----							
	Entries tested one year							
LATHAM/EXP-700	.	.	60	.	.	26	1	130
THOMPSON/T-3221	.	.	60	.	.	32	1	130
KRUGER/K-2323	.	.	59	.	.	26	1	126
COYOTE/9123	.	.	59	.	.	31	1	127
SANDS/SOI 247N	.	.	59	.	.	28	1	133
COYOTE/9723	.	.	59	.	.	27	1	127
THOMPSON/EXP-3251	.	.	58	.	.	24	1	129
KRUGER/K-2330	.	.	58	.	.	28	1	132
SANDS/SOI 201N	.	.	57	.	.	34	1	127
LATHAM/EXP-620	.	.	57	.	.	25	1	128
COYOTE/9525	.	.	57	.	.	35	1	132
LATHAM/570	.	.	57	.	.	25	1	129
PRAIRIE BR./PB256	.	.	56	.	.	31	1	128
THOMPSON/T-3201	.	.	55	.	.	26	1	127
GOLD COUNTRY/6024FG	.	.	50	.	.	23	1	131
Test average:	47	47	58	33.4	16.6	28	1	129
LSD(5%) value (\$):	3	NS	5					
Min.top yield value (\$):	47	43	56					
Coef. of variation (#):	7	8	6					

* SCN = Soybean cyst nematode resistant.

\$/+ See yield / protein & oil sections, respectively.

~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.

NS - Indicates differences between values within a column are not significant.

Measure of experimental error: values of < 15% are desired.

Table 6. Beresford, maturity group-I soybean test results, 2000-2002.
S.E. Research Farm, seeded May 25.

Brand / Entry	Yield - bu/a (13% moisture)			2001	2001	----- 2002 -----		Maturity:
	3yr	2yr	2002	Prot. pct+	Oil pct+	Ht. in.	Ldg. Sc.~	Days after seeding

Entries tested three years								
KRUGER/K-1991	53	50	43	35.5	16.6	22	1	115
SANDS/SOI 169	52	50	44	34.6	16.6	25	1	117
LATHAM/392	52	49	46	33.9	17.2	24	1	117
KRUGER/K-1919	52	47	37	35.1	16.8	22	1	116
PUBLIC/STRIDE	40	40	34	33.3	18.0	21	1	108

Entries tested two years								
KRUGER/K-1943	.	56	54	32.6	17.6	28	2	118
THOMPSON/T-3182	.	49	44	32.5	18.1	24	1	118

Entries tested one year								
KRUGER/K-1996	.	.	48	.	.	28	1	118
KRUGER/K-1606	.	.	48	.	.	24	1	118
SANDS/SOI 187	.	.	48	.	.	27	1	118
THOMPSON/EXP-3194	.	.	46	.	.	27	1	118
SANDS/SOI 202	.	.	45	.	.	22	1	116
KRUGER/K-1808	.	.	44	.	.	22	1	117
THOMPSON/EXP-3192	.	.	44	.	.	22	1	116
PRAIRIE BR./PB195	.	.	42	.	.	21	1	116
PRAIRIE BR./PB178	.	.	39	.	.	23	1	116
SANDS/SOI 176	.	.	39	.	.	22	1	116

Test average:	50	49	44	33.9	17.3	24	1	116
LSD(5%) value (\$):	7	NS	4					
Min.top yield value (\$):	46	40	50					
Coef. of variation (#):	5	5	5					

\$/+ See yield / protein & oil sections, respectively.

~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.

NS - Indicates differences between values within a column are not significant.

Measure of experimental error: values of < 15% are desired.

Table 7. Beresford, maturity group-II soybean test results, 2000-2002.
S.E. Research Farm, seeded May 25.

Brand / Entry*	Yield - bu/a (13% moisture)			2001 Prot.	2001 Oil	Ht.	Ldg.	----- 2002 ----- Maturity: Days after seeding
	3yr	2yr	2002	pct+	pct+	in.	Sc.~	

Entries tested three years								
PRAIRIE BR./PB202	53	51	45	33.4	17.2	25	1	117
PRAIRIE BR./PB256	53	50	47	31.9	18.3	23	1	117
PRAIRIE BR./PB230	53	50	43	32.3	18.0	26	1	117
THOMPSON/T-3231	53	51	46	32.9	17.0	24	1	120
KRUGER/K-2425	52	49	43	32.7	17.0	23	1	118

PRAIRIE BR./PB217	50	47	42	32.8	18.0	23	1	119
COYOTE/9525	48	49	44	30.6	18.7	28	1	121
PUBLIC/TURNER-SCN	47	44	41	33.1	17.9	28	1	118

Entries tested two years								
SANDS/SOI 288	.	56	50	32.1	17.5	26	1	126
PRAIRIE BR./PB278	.	53	49	31.9	17.4	26	1	125
COYOTE/9123	.	49	47	32.5	18.5	27	1	118

Entries tested one year								
THOMPSON/T-3288	.	.	49	.	.	30	3	127
GOLD COUNTRY/CLEMENTS	.	.	48	.	.	26	1	118
KRUGER/K-2303	.	.	48	.	.	25	1	116
KRUGER/K-2323	.	.	46	.	.	22	1	117
KRUGER/K-2330	.	.	45	.	.	24	1	118

COYOTE/9723	.	.	45	.	.	24	1	118
MUSTANG/M-2243	.	.	44	.	.	23	1	119
KRUGER/K-2828	.	.	44	.	.	29	1	123
LATHAM/EXP-700	.	.	43	.	.	23	1	117
SANDS/SOI 256	.	.	43	.	.	23	1	118

SANDS/SOI 247N	.	.	43	.	.	27	1	120
LATHAM/570	.	.	43	.	.	22	1	119
THOMPSON/EXP-3251	.	.	43	.	.	23	1	115
THOMPSON/T-3201	.	.	41	.	.	21	1	116
SANDS/SOI 2943N	.	.	39	.	.	24	1	121

LATHAM/EXP-620	.	.	38	.	.	21	1	117
NORTHLAND/ALDER266FG	.	.	37	.	.	22	1	122
GOLD COUNTRY/6024FG	.	.	35	.	.	20	1	120

Test average:	51	50	44	32.4	17.8	24	1	119
LSD(5%) value (\$):	4	5	5					
Min.top yield value (\$):	49	51	45					
Coef. of variation (#):	8	6	7					

* SCN = Soybean cyst nematode resistant.

/+ See yield / protein & oil sections, respectively.

~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.

Measure of experimental error: values of < 15% are desired.

Table 8. South Shore, maturity group-0 Roundup Ready soybean test results, 2000-2002, N.E. Research Farm, seeded May 28.

Brand / Entry	Yield - bu/a (13% moisture)			2001	2001	Ht. in.	Ldg. Sc.~	Maturity: Days after seeding
	3yr	2yr	2002	Prot. pct+	Oil pct+			
----- 2002 -----								
Entries tested three years								
ASGROW/AG0801	43	45	50	32.8	17.7	35	1	111
PRAIRIE BR./PB-1030RR	43	44	51	34.1	17.0	28	1	113
KRUGER/K-099+RR	42	44	48	35.6	16.7	27	1	109
US SEEDS/US S0909RR	42	44	50	35.2	16.3	29	1	111
PRAIRIE BR./PB-0920RR	42	43	47	34.9	17.2	26	1	109
WENSMAN/W 2100RR	41	43	52	34.0	16.9	29	1	113
MUSTANG/M-091RR	41	44	50	35.5	16.8	28	1	110
SODAK GENETICS/SD1091R	40	42	50	35.5	16.9	33	2	114
DEN BESTEN/DB0900RR	40	42	48	35.3	17.0	26	1	109
DEN BESTEN/DB1102RR	39	41	47	33.9	16.6	28	1	112
MUSTANG/M-082RR	38	40	42	34.3	17.1	23	1	110
DEN BESTEN/DB0802RR	38	39	45	34.5	16.7	24	1	110
Entries tested two years								
DEKALB/DKB10-51	.	47	56	34.3	16.7	28	1	113
NORTHSTAR/NS 0954RR	.	46	52	35.6	16.2	27	1	113
KRUGER/K-091-1RR	.	45	50	34.6	16.4	27	1	112
STINE/S0806-4	.	45	48	34.3	17.5	28	1	111
PRAIRIE BR./PB-0561RR	.	43	51	34.8	17.6	27	1	109
KRUGER/K-122RR	.	43	49	34.9	16.1	28	1	114
KAYSTAR/K-0960RR	.	42	50	33.9	18.0	30	1	112
MUSTANG/M-093RR	.	42	53	34.2	17.6	30	1	112
DAIRYLAND/DSR-101/RR	.	41	48	34.2	16.8	32	1	114
KRUGER/K-088RR	.	40	49	34.2	17.0	23	1	111
SANDS/SOI 0909RR	.	39	42	34.9	16.6	26	1	111
SEEDS 2000/2110RR	.	39	47	35.7	16.3	30	1	114
Entries tested one year								
PRAIRIE BR./PB-0732RR	.	.	53	.	.	28	1	111
SANDS/SOI 1010RR	.	.	52	.	.	27	1	114
GOLD COUNTRY/2309RR	.	.	52	.	.	30	1	111
PRAIRIE BR./PB-1032RR	.	.	52	.	.	27	1	111
DAIRYLAND/DSR-040/RR	.	.	52	.	.	29	1	109
WENSMAN/W 2081RR	.	.	51	.	.	29	1	112
PRAIRIE BR./PB-0532RR	.	.	51	.	.	32	1	110
MUSTANG/M-083RR	.	.	50	.	.	29	1	113
WENSMAN/W 2093RR	.	.	50	.	.	30	1	112
WENSMAN/W 2077RR	.	.	50	.	.	30	1	112
SABRE/098RR	.	.	50	.	.	28	1	110
MUSTANG/M-092RR	.	.	50	.	.	29	1	111
ZILLER/BT 7090R	.	.	50	.	.	30	1	114
KRUGER/K-090RR	.	.	50	.	.	31	1	111
PRAIRIE BR./PB-1232RR	.	.	49	.	.	32	1	114

Table 8. South Shore, maturity group-0 Roundup Ready test results (continued).

Brand / Entry	Yield - bu/a (13% moisture)			2001	2001	Ht. in.	Ldg. Sc.~	Maturity: Days after seeding
	3yr	2yr	2002	Prot. pct+	Oil pct+			
	----- 2002 -----							
	Entries tested one year							
DYNA-GRO/DG 3082RR	.	.	49	.	.	32	1	113
BIO GENE SEEDS/BG091RR	.	.	49	.	.	33	1	112
DEKALB/DKB09-52	.	.	49	.	.	30	1	111
KRUGER/K-060RR	.	.	48	.	.	30	1	108
STINE/S0846-4	.	.	48	.	.	28	1	113
LATHAM/EXP-058RR	.	.	48	.	.	29	1	112
EXCEL/8110RR	.	.	48	.	.	32	1	113
KRUGER/K-070RR	.	.	47	.	.	31	1	113
DAHLCO/EXP-2091RR	.	.	47	.	.	28	1	110
DAHLCO/EXP-2111RR	.	.	47	.	.	30	1	111
TOP FARM/6102RR	.	.	47	.	.	28	1	112
DYNA-GRO/DG 3094RR	.	.	47	.	.	28	1	112
LATHAM/EXP-068RR	.	.	47	.	.	29	1	111
MIDWEST SEED/GR0804	.	.	47	.	.	24	1	111
PRAIRIE BR./PB-0812RR	.	.	47	.	.	29	1	114
GOLD COUNTRY/3809RR	.	.	46	.	.	27	1	111
LATHAM/EXP-078RR	.	.	46	.	.	28	1	113
BIO GENE SEEDS/BG090RR	.	.	46	.	.	30	1	114
PRAIRIE BR./PB-0940RR	.	.	45	.	.	27	1	111
SODAK GENETICS/SD1081R	.	.	45	.	.	30	1	113
KRUGER/K-050RR	.	.	44	.	.	26	1	108
DAIRYLAND/DST0811/RR	.	.	44	.	.	28	1	111
KRUGER/K-082RR	.	.	43	.	.	24	1	109
PETERSON/0109 RR	.	.	43	.	.	26	1	109
DEKALB/DKB06-51	.	.	43	.	.	29	1	109
TOP FARM/6072RR	.	.	43	.	.	24	1	110
DAHLCO/EXP-1040RR	.	.	43	.	.	33	1	109
STINE/S0840-4	.	.	42	.	.	22	1	110
PRAIRIE BR./PB-0932RR	.	.	40	.	.	26	1	109
SABRE/090RR	.	.	40	.	.	28	1	113
KRUGER/K-076RR	.	.	39	.	.	35	1	111
Test average:	41	43	48	34.6	16.9	29	1	111
LSD(5%) value (\$):	NS	NS	8					
Min.top yield value (\$):	38	39	48					
Coef. of variation (#):	8	10	11					

\$/+ See yield / protein and oil sections, respectively.

~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.

NS - Indicates differences between values within a column are not significant.

Measure of experimental error: values of < 15% are desired.

Table 9. South Shore, maturity group-I Roundup Ready soybean test results, 2000-2002, N.E. Research Farm, seeded May 28.

Brand / Entry	Yield - bu/a (13% moisture)			2001	2001	Ht. in.	Ldg. Sc.~	2002	Maturity: Days after seeding
	3yr	2yr	2002	Prot. pct+	Oil pct+			-----	
----- 2002 -----									
Entries tested three years									
MALLARD/RR1011	42	43	49	33.9	17.1	29	1	112	
PRAIRIE BR./PB-1246RR	40	43	50	36.5	15.9	30	1	114	
ZILLER/BT 7150R	39	40	46	32.0	17.1	29	1	115	
DAIRYLAND/DSR-130/RR	39	41	46	34.0	16.7	29	1	113	
MUSTANG/M-132RR	39	39	44	36.7	15.8	29	1	113	
MUSTANG/M-151RR	38	40	50	34.3	15.5	31	1	114	
GOLD COUNTRY/6016RR	38	39	45	32.4	16.8	27	1	113	
PRAIRIE BR./PB-1620RR	38	40	49	33.9	16.1	30	1	114	
WENSMAN/W 2160RR	38	39	47	33.6	16.0	30	1	114	
MUSTANG/M-152RR	37	38	42	35.9	16.0	30	1	114	
Entries tested two years									
DEN BESTEN/DB1902RR	.	42	50	33.4	16.6	24	1	118	
CROWS/C1530R	.	42	48	34.8	16.6	30	1	115	
DEN BESTEN/DB1502RR	.	42	47	35.1	16.1	29	1	114	
WENSMAN/W 2153RR	.	41	45	35.7	16.0	30	1	114	
WENSMAN/W 2131RR	.	39	43	36.2	15.8	25	1	113	
MUSTANG/M-101RR	.	36	42	33.8	17.2	28	1	112	
PRAIRIE BR./PB-1241RR	.	36	38	34.5	17.5	22	1	111	
Entries tested one year									
KRUGER/K-211+RR	.	.	53	.	.	29	1	119	
KRUGER/K-166RR	.	.	52	.	.	26	1	115	
EXCEL/8120RR	.	.	50	.	.	31	1	114	
SABRE/140RR	.	.	50	.	.	32	1	115	
KRUGER/K-202+RR	.	.	49	.	.	24	1	117	
US SEEDS/US S1403RR	.	.	49	.	.	29	1	114	
STINE/S1586-4	.	.	49	.	.	26	1	115	
WENSMAN/W 2162RR	.	.	49	.	.	29	1	115	
STINE/S1346-4	.	.	48	.	.	27	1	115	
KRUGER/K-199RR	.	.	48	.	.	33	1	117	
KRUGER/K-155+RR	.	.	48	.	.	27	1	114	
ZILLER/BT 7106R	.	.	48	.	.	28	1	112	
DESOY/D-191+RR	.	.	48	.	.	23	1	117	
DEN BESTEN/DB1803RR	.	.	47	.	.	27	1	117	
ASGROW/AG1701	.	.	47	.	.	27	1	113	
MUSTANG/M-153RR	.	.	47	.	.	25	1	115	
LG SEEDS/C 1410RR	.	.	47	.	.	26	1	114	
TOP FARM/6149RR	.	.	47	.	.	30	1	117	
DEN BESTEN/DB1703RR	.	.	46	.	.	27	1	116	
GOLD COUNTRY/2115RR	.	.	46	.	.	28	1	114	
DESOY/D-199BRR	.	.	46	.	.	27	1	116	
ASGROW/AG1401	.	.	46	.	.	28	1	113	
DEKALB/DKB15-51	.	.	46	.	.	29	1	115	
PETERSON/EXP 0415	.	.	46	.	.	26	1	115	
MIDWEST SEED/EXP12-01	.	.	46	.	.	31	1	113	

Table 9. South Shore, maturity group-I Roundup Ready test results (continued).

Brand / Entry	Yield - bu/a (13% moisture)			2001 Prot. pct+	2001 Oil pct+	Ht. in.	Ldg. Sc.~	----- 2002 ----- Maturity: Days after seeding
	3yr	2yr	2002					

	Entries tested one year							
DYNA-GRO/EXP DGX426RR	.	.	46	.	.	33	1	112
PRAIRIE BR./PB-1921RR	.	.	46	.	.	26	1	118
PRAIRIE BR./PB-1552RR	.	.	46	.	.	25	1	115
WENSMAN/W 2145RR	.	.	46	.	.	27	1	114
DESOY/D-191RR	.	.	46	.	.	26	1	118
NORTHSTAR/NS 1407RR	.	.	45	.	.	27	1	114
DESOY/D-169RR	.	.	45	.	.	28	1	116
DESOY/D-193RR	.	.	45	.	.	27	1	117
DAHLCO/EXP-1130RR	.	.	45	.	.	28	1	114
KRUGER/K-201RR	.	.	45	.	.	25	1	116
MUSTANG/M-123RR	.	.	45	.	.	31	1	113
US SEEDS/US S1002RR	.	.	44	.	.	24	1	112
EXCEL/8172RR	.	.	44	.	.	25	1	116
GOLDEN HARVEST/H1091RR	.	.	44	.	.	25	1	112
DESOY/D-188RR	.	.	44	.	.	26	1	116
GREAT LAKES/GL1400RR	.	.	44	.	.	28	1	115
DYNA-GRO/EXP DGX409RR	.	.	43	.	.	28	1	115
DEN BESTEN/DB1303RR	.	.	43	.	.	27	1	115
PETERSON/EXP 0412	.	.	43	.	.	29	1	112
DESOY/D-200RR	.	.	43	.	.	25	1	119
GOLD COUNTRY/6316RR	.	.	42	.	.	28	1	115
DESOY/D-163RR	.	.	42	.	.	24	1	114
PRAIRIE BR./PB-1452RR	.	.	41	.	.	25	1	114
GOLD COUNTRY/2315RR	.	.	41	.	.	26	1	115
GOLDEN HARVEST/H1535RR	.	.	41	.	.	27	1	115
MUSTANG/M-163RR	.	.	41	.	.	27	1	116
NORTHSTAR/NS 1307RR	.	.	41	.	.	29	1	114
EXCEL/8153RR	.	.	41	.	.	24	1	114
PRAIRIE BR./PB-1532RR	.	.	40	.	.	25	1	114
TOP FARM/EXP3182RR	.	.	40	.	.	27	1	116
GOLD COUNTRY/3213RR	.	.	40	.	.	29	1	116
DYNA-GRO/EXP DGX408RR	.	.	39	.	.	28	1	114
SABRE/121RR	.	.	39	.	.	27	1	111
KAYSTAR/K-0760RR	.	.	38	.	.	31	1	108
SANDS/SOI 1200RR	.	.	37	.	.	22	1	111
Test average:	38	40	45	34.5	16.4	28	1	114
LSD(5%) value (\$):	4	NS	7					
Min.top yield value (\$):	38	34	46					
Coef. of variation (#):	8	9	9					

\$/+ See yield / protein and oil sections, respectively.

~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.

NS - Indicates differences between values within a column are not significant.

Measure of experimental error: values of < 15% are desired.

Table 10. Frankfort, maturity group-0 Roundup Ready soybean test results, 2000-2002, Steve Masat farm, no-til seeded May 27.

Brand / Entry	Yield - bu/a (13% moisture)			---- 2001 ---		---- 2002 ----	
	3yr	2yr	2002	Prot. pct+	Oil pct+	Ht. in.	Lodging Scale~
	Entries tested two years						
DEKALB/DKB10-51	.	43	43	31.2	19.1	25	1
KRUGER/K-121RR	.	43	42	31.3	19.3	23	1
SODAK GENETICS/SD1091R	.	42	41	32.6	18.8	23	1
KRUGER/K-080-1RR	.	42	39	31.3	19.7	23	1
DEN BESTEN/DB1102RR	.	41	37	30.8	18.9	24	1
KRUGER/K-122RR	.	41	39	31.5	18.4	27	1
KAYSTAR/K-0960RR	.	40	38	31.3	19.3	24	1
DEN BESTEN/DB0900RR	.	39	40	33.0	18.9	22	1
DAIRYLAND/DSR-101/RR	.	39	37	32.7	18.3	27	1
ASGROW/AG0801	.	39	39	31.7	19.1	27	1
PRAIRIE BR./PB-0920RR	.	39	38	32.6	18.9	26	1
NORTHSTAR/NS 0954RR	.	38	39	32.4	18.7	25	1
KRUGER/K-099+RR	.	38	37	33.0	19.0	21	1
WENSMAN/W 2100RR	.	38	36	31.3	18.9	21	1
PRAIRIE BR./PB-1030RR	.	37	31	31.7	18.9	22	1
KRUGER/K-088RR	.	37	33	32.7	18.2	21	1
MUSTANG/M-091RR	.	36	35	32.9	18.9	22	1
PRAIRIE BR./PB-0561RR	.	36	36	32.9	19.1	21	1
DEN BESTEN/DB0802RR	.	35	36	31.6	18.8	19	1
	Entries tested one year						
KRUGER/K-090RR	.	.	42	.	.	25	1
PRAIRIE BR./PB-0812RR	.	.	41	.	.	26	1
GOLD COUNTRY/3809RR	.	.	40	.	.	24	1
GOLD COUNTRY/2309RR	.	.	40	.	.	24	1
SODAK GENETICS/SD1081R	.	.	40	.	.	23	1
SABRE/098RR	.	.	40	.	.	21	1
STINE/S0846-4	.	.	39	.	.	24	1
DEKALB/DKB09-52	.	.	39	.	.	21	1
KRUGER/K-070RR	.	.	39	.	.	24	1
PRAIRIE BR./PB-1232RR	.	.	39	.	.	27	1
PETERSON/0109 RR	.	.	38	.	.	23	1
PRAIRIE BR./PB-0532RR	.	.	37	.	.	22	1
DYNA-GRO/DG 3082RR	.	.	37	.	.	25	1

Table 10. Frankfort, maturity group-0 Roundup Ready test results (continued).

Brand / Entry	Yield - bu/a (13% moisture)			---- 2001 ---		---- 2002 ----	
	3yr	2yr	2002	Prot. pct+	Oil pct+	Ht. in.	Lodging Scale~
	Entries tested one year						
MUSTANG/M-093RR	.	.	37	.	.	23	1
PRAIRIE BR./PB-0932RR	.	.	36	.	.	22	1
US SEEDS/US S0909RR	.	.	36	.	.	23	1
DAIRYLAND/DST0811/RR	.	.	36	.	.	24	1
MUSTANG/M-092RR	.	.	36	.	.	23	1
DAHLCO/EXP-2111RR	.	.	35	.	.	24	1
TOP FARM/6102RR	.	.	35	.	.	23	1
KRUGER/K-076RR	.	.	35	.	.	29	1
PRAIRIE BR./PB-0940RR	.	.	35	.	.	24	1
STINE/S0840-4	.	.	34	.	.	19	1
PRAIRIE BR./PB-1032RR	.	.	34	.	.	20	1
DAIRYLAND/DSR-040/RR	.	.	34	.	.	25	1
DYNA-GRO/DG 3094RR	.	.	33	.	.	22	1
KRUGER/K-083RR	.	.	33	.	.	30	1
DEKALB/DKB06-51	.	.	33	.	.	25	1
SABRE/090RR	.	.	33	.	.	24	1
DAHLCO/EXP-2091RR	.	.	32	.	.	21	1
CROWS/C0820R	.	.	32	.	.	19	1
BIO GENE SEEDS/BG090RR	.	.	32	.	.	23	1
KRUGER/K-082RR	.	.	32	.	.	20	1
PRAIRIE BR./PB-0732RR	.	.	32	.	.	23	1
MIDWEST SEED/GR0804	.	.	31	.	.	18	1
BIO GENE SEEDS/BG091RR	.	.	31	.	.	24	1
TOP FARM/6072RR	.	.	30	.	.	20	1
DAHLCO/EXP-1040RR	.	.	28	.	.	27	1
Test average:	.	39	36	32.0	18.9	23	1
LSD(5%) value (\$):	.	NS	5				
Min.top yield value (\$):	.	35	38				
Coef. of variation (#):	.	9	9				

\$/+ See yield / protein and oil sections, respectively.

~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.

NS - Indicates differences between values within a column are not significant.

Measure of experimental error: values of < 15% are desired.

Table 11. Frankfort, maturity group-I Roundup Ready soybean test results, 2000-2002, Steve Masat farm, no-til seeded May 27.

Brand / Entry	Yield - bu/a (13% moisture)			---- 2001 ---	Oil	---- 2002 ----	Lodging
	3yr	2yr	2002	Prot. pct+	pct+	Ht. in.	Scale~
	Entries tested two years						
DEN BESTEN/DB1902RR	.	49	46	30.6	18.6	24	1
KRUGER/K-212-2RR	.	48	43	31.3	18.4	24	1
WENSMAN/W 2160RR	.	45	39	30.3	18.7	26	1
KRUGER/K-155RR	.	44	38	33.1	18.3	27	1
PRAIRIE BR./PB-1620RR	.	44	42	31.6	17.8	28	1
GOLD COUNTRY/6117RR	.	44	38	30.9	19.0	26	1
PRAIRIE BR./PB-1246RR	.	43	40	32.4	18.6	27	1
DEN BESTEN/DB1502RR	.	43	37	32.4	18.3	27	1
WENSMAN/W 2153RR	.	43	37	32.3	18.1	27	1
PRAIRIE BR./PB-1241RR	.	42	38	31.6	19.3	26	1
DAIRYLAND/DSR-181/RR	.	42	37	30.3	18.6	30	1
WENSMAN/W 2131RR	.	42	39	32.8	18.3	25	1
KRUGER/K-202-1RR	.	42	35	30.2	18.8	24	1
MUSTANG/M-151RR	.	42	38	30.1	18.8	28	1
MUSTANG/M-132RR	.	42	37	32.0	18.6	28	1
MUSTANG/M-152RR	.	40	38	32.3	18.0	29	1
DAIRYLAND/DSR-130/RR	.	40	36	31.1	18.6	26	1
GOLD COUNTRY/6016RR	.	39	35	30.8	18.4	26	1
	Entries tested one year						
PRAIRIE BR./PB-2112RR	.	.	47	.	.	26	1
PRAIRIE BR./PB-1981RR1	.	.	43	.	.	31	1
DESOY/D-191RR	.	.	42	.	.	29	1
DEN BESTEN/DB1303RR	.	.	42	.	.	27	1
STINE/S1918-4	.	.	42	.	.	27	1
STINE/S1303-4	.	.	41	.	.	24	1
DYNA-GRO/EXP DGX408RR	.	.	41	.	.	26	1
GOLD COUNTRY/2315RR	.	.	41	.	.	25	1
STINE/S1346-4	.	.	41	.	.	28	1
PRAIRIE BR./PB-1552RR	.	.	41	.	.	25	1
NORTHSTAR/NS 1407RR	.	.	41	.	.	27	1
PETERSON/EXP 0415	.	.	41	.	.	25	1
DESOY/D-191+RR	.	.	41	.	.	22	1
GOLD COUNTRY/2115RR	.	.	41	.	.	27	1
WENSMAN/W 2162RR	.	.	40	.	.	24	1
DEN BESTEN/DB1903NRR	.	.	40	.	.	27	1
KRUGER/K-202+RR	.	.	40	.	.	23	1
MUSTANG/M-101RR	.	.	40	.	.	25	1
SANDS/SOI 1515RR	.	.	40	.	.	29	1
MUSTANG/M-163RR	.	.	39	.	.	25	1
DESOY/D-193RR	.	.	39	.	.	27	1
KRUGER/K-199RR	.	.	39	.	.	33	1
MUSTANG/M-153RR	.	.	39	.	.	25	1
DESOY/D-199BRR	.	.	39	.	.	25	1
CROWS/C1630R	.	.	39	.	.	30	1

Table 11. Frankfort, maturity group-I Roundup Ready test results (continued).

Brand / Entry	Yield - bu/a (13% moisture)			---- 2001 ---		---- 2002 ----	
	3yr	2yr	2002	Prot. pct+	Oil pct+	Ht. in.	Lodging Scale~
	----- Entries tested one year -----						
DAIRYLAND/DST1226/RR	.	.	39	.	.	22	1
STINE/S1613-4	.	.	39	.	.	24	1
NORTHSTAR/NS 1307RR	.	.	39	.	.	28	1
KRUGER/K-211+RR	.	.	39	.	.	23	1
PETERSON/EXP 0412	.	.	39	.	.	29	1
US SEEDS/US S1603RR	.	.	39	.	.	27	1
DESOY/D-200RR	.	.	38	.	.	24	1
DAIRYLAND/DSR-184/RR	.	.	38	.	.	26	1
MUSTANG/M-193NRR	.	.	38	.	.	28	1
DESOY/D-169RR	.	.	38	.	.	29	1
WENSMAN/W 2145RR	.	.	38	.	.	26	1
DEN BESTEN/DB1803RR	.	.	38	.	.	27	1
DYNA-GRO/DG 3183RR	.	.	38	.	.	26	1
KRUGER/K-201RR	.	.	37	.	.	27	1
DAIRYLAND/DSR-199/RR	.	.	37	.	.	28	1
DEKALB/DKB15-51	.	.	37	.	.	24	1
TOP FARM/6202RR	.	.	37	.	.	26	1
US SEEDS/US S1403RR	.	.	37	.	.	26	1
DYNA-GRO/EXP DGX409RR	.	.	37	.	.	24	1
SABRE/140RR	.	.	37	.	.	29	1
DESOY/D-163RR	.	.	37	.	.	27	1
STINE/S1586-4	.	.	37	.	.	24	1
GOLDEN HARVEST/H1535RR	.	.	37	.	.	28	1
DESOY/D-188RR	.	.	37	.	.	25	1
MUSTANG/M-123RR	.	.	37	.	.	31	1
GOLD COUNTRY/6316RR	.	.	37	.	.	27	1
PRAIRIE BR./PB-1452RR	.	.	36	.	.	25	1
MIDWEST SEED/EXP12-01	.	.	36	.	.	28	1
PRAIRIE BR./PB-1921RR	.	.	36	.	.	29	1
DYNA-GRO/EXP DGX426RR	.	.	36	.	.	28	1
SANDS/SOI 1743RR	.	.	36	.	.	25	1
KRUGER/K-155+RR	.	.	36	.	.	24	1
LG SEEDS/C 1911RR	.	.	36	.	.	27	1
GOLD COUNTRY/3213RR	.	.	36	.	.	28	1
GOLD COUNTRY/1221RR	.	.	36	.	.	27	1
KRUGER/K-166RR	.	.	36	.	.	23	1
US SEEDS/US S1002RR	.	.	36	.	.	20	1
ASGROW/AG1701	.	.	35	.	.	24	1
SABRE/121RR	.	.	35	.	.	25	1
ASGROW/AG1401	.	.	35	.	.	26	1
TOP FARM/6149RR	.	.	34	.	.	29	1
MUSTANG/M-142RR	.	.	33	.	.	26	1
DEN BESTEN/DB1703RR	.	.	33	.	.	23	1
GOLDEN HARVEST/H1091RR	.	.	33	.	.	23	1
TOP FARM/EXP3182RR	.	.	33	.	.	26	1

Table 11. Frankfort, maturity group-I Roundup Ready test results (continued).

Brand / Entry	Yield - bu/a (13% moisture)			---- 2001 ---		---- 2002 ----	
	3yr	2yr	2002	Prot. pct+	Oil pct+	Ht. in.	Lodging Scale~
	Entries tested one year						
GOLD COUNTRY/6318RR	.	.	32	.	.	26	1
PRAIRIE BR./PB-1821RR	.	.	32	.	.	23	1
PRAIRIE BR./PB-1532RR	.	.	31	.	.	24	1
Test average:	.	43	38	31.5	18.5	26	1
LSD(5%) value (\$):	.	5	5				
Min.top yield value (\$):	.	44	42				
Coef. of variation (#):	.	7	8				

\$/+ See yield / protein and oil sections, respectively.

~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.

NS - Indicates differences between values within a column are not significant.

Measure of experimental error: values of < 15% are desired.

Table 12. Brookings, maturity group-0 Roundup Ready soybean test results, 2000-2002, SDSU Agronomy Farm, seeded May 22.

Brand / Entry	Yield - bu/a (13% moisture)			2001 Prot. pct+	2001 Oil pct+	Ht. in.	----- 2002 ----- Maturity: Days after seeding	
	3yr	2yr	2002				Ldg. Sc.~	

Entries tested three years								
KRUGER/K-133RR	49	43	43	34.9	16.5	25	1	116
KRUGER/K-099+RR	49	42	45	34.7	16.9	23	1	109
MUSTANG/M-091RR	49	41	44	35.4	16.7	21	1	111
DEN BESTEN/DB1102RR	48	40	43	32.6	17.3	25	1	117
SANDS/SOI 0909RR	48	41	43	34.3	17.0	24	1	112
DEN BESTEN/DB0900RR	47	41	40	35.1	17.2	22	1	110
SODAK GENETICS/SD1091R	47	40	46	35.6	16.9	26	1	115
MUSTANG/M-082RR	43	37	37	33.4	17.3	19	1	111
DEN BESTEN/DB0802RR	43	34	35	34.7	16.9	18	1	111

Entries tested two years								
KRUGER/K-121RR	.	47	51	34.4	17.3	23	1	114
NORTHSTAR/NS 0954RR	.	44	46	34.8	16.4	23	1	114
DEKALB/DKB10-51	.	43	45	34.4	16.7	24	1	114
PRAIRIE BR./PB-0920RR	.	41	41	34.9	17.2	19	1	110
DAIRYLAND/DSR-101/RR	.	41	43	33.7	17.2	27	1	118

Entries tested one year								
SODAK GENETICS/SD1081R	.	.	47	.	.	26	1	119
SANDS/SOI 1010RR	.	.	47	.	.	23	1	116
DYNA-GRO/DG 3082RR	.	.	46	.	.	24	1	116
KRUGER/K-070RR	.	.	45	.	.	27	1	114
MUSTANG/M-083RR	.	.	45	.	.	26	1	114
MUSTANG/M-092RR	.	.	45	.	.	24	1	112
PRAIRIE BR./PB-0812RR	.	.	44	.	.	25	1	115
THOMPSON/T-7095RR	.	.	43	.	.	23	1	111
KRUGER/K-083RR	.	.	42	.	.	30	1	118
DEKALB/DKB09-52	.	.	42	.	.	23	1	113
DAIRYLAND/DSR-040/RR	.	.	42	.	.	24	1	111
ZILLER/BT 7090R	.	.	42	.	.	22	1	114
TOP FARM/6102RR	.	.	42	.	.	24	1	117
SABRE/098RR	.	.	42	.	.	22	1	110
BIO GENE SEEDS/BG091RR	.	.	41	.	.	24	1	114
KRUGER/K-090RR	.	.	41	.	.	24	1	113
BIO GENE SEEDS/BG090RR	.	.	40	.	.	22	1	115
PETERSON/0109 RR	.	.	40	.	.	23	1	110
SABRE/090RR	.	.	38	.	.	24	1	117
KRUGER/K-082RR	.	.	38	.	.	21	1	111
KRUGER/K-088RR	.	.	38	.	.	20	1	112
TOP FARM/6072RR	.	.	37	.	.	18	1	112

Test average:	47	41	42	34.5	17.0	23	1	113
LSD(5%) value (\$):	4	5	5					
Min.top yield value (\$):	45	42	46					
Coef. of variation (#):	6	7	7					

\$/+ See yield / protein and oil sections, respectively.

~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.

NS - Indicates differences between values within a column are not significant.

Measure of experimental error: values of < 15% are desired.

Table 13. Brookings, maturity group-I Roundup Ready soybean test results, 2000-2002, SDSU Agronomy Farm, seeded May 22.

Brand / Entry	Yield - bu/a (13% moisture)			2001 Prot. pct+	2001 Oil pct+	Ht. in.	----- 2002 ----- Maturity: Days after seeding	
	3yr	2yr	2002				Ldg. Sc.~	

Entries tested three years								
KRUGER/K-222+RR	52	50	55	33.0	16.9	31	1	127
KRUGER/K-211ARR	51	49	50	32.4	16.9	29	1	124
PRAIRIE BR./PB-1620RR	50	47	50	32.6	16.9	28	1	118
LATHAM/137RR	50	46	47	35.6	16.3	27	1	119
KRUGER/K-177RR	50	46	47	34.2	16.8	24	1	122
WENSMAN/W 2160RR	50	45	49	32.5	16.9	29	1	121
ZILLER/BT 7150R	50	46	49	32.4	17.1	27	1	119
DAHLCO/9160RR	50	44	48	32.3	17.1	28	1	119
MUSTANG/M-152RR	49	44	46	34.8	16.4	28	1	117
TOP FARM/6202RR	49	47	49	33.1	17.5	28	1	127
MUSTANG/M-132RR	49	43	46	36.1	15.9	26	1	117
MUSTANG/M-151RR	49	44	50	32.1	17.1	33	1	121
GOLD COUNTRY/6016RR	48	44	49	32.0	16.8	26	1	118
SANDS/SOI 1515RR	48	45	48	35.5	16.5	29	1	116
ASGROW/AG1602	47	44	44	33.0	17.3	26	1	118
DAIRYLAND/DSR-130/RR	47	44	47	33.7	16.9	28	1	118
COYOTE/9419RR	45	43	45	33.4	16.9	26	1	128

Entries tested two years								
KRUGER/K-212-2RR	.	52	57	32.0	17.3	25	1	128
THOMPSON/T-7205RR	.	51	56	33.1	16.6	23	1	128
THOMPSON/T-7217RR	.	50	55	33.4	17.0	32	1	127
DEN BESTEN/DB1902RR	.	50	54	32.8	16.8	25	1	127
PRAIRIE BR./PB-1701RR	.	48	52	33.8	16.9	27	1	123
HY-VIGOR/H-174RR	.	48	50	34.4	16.3	26	1	122
STINE/S1303-4	.	47	48	33.9	17.3	25	1	116
DAIRYLAND/DSR-181/RR	.	46	48	33.7	16.8	31	1	124
KRUGER/K-155RR	.	46	43	35.8	16.1	25	1	117
WENSMAN/W 2131RR	.	46	51	35.3	16.4	27	1	115
MALLARD/RR1011	.	45	47	34.1	16.8	23	1	118
PRAIRIE BR./PB-1241RR	.	45	48	34.1	17.4	25	1	115
NORTHSTAR/NS 1624RR	.	45	49	32.1	17.1	28	1	119
WENSMAN/W 2153RR	.	45	47	34.6	16.4	29	1	117
GREAT LAKES/GL1903RR	.	45	43	34.0	16.4	25	1	123
DEN BESTEN/DB1502RR	.	45	44	34.6	16.5	28	1	119
RENK/RS159RR	.	45	50	32.2	16.9	30	1	118
MIDWEST SEED/GR1545	.	44	46	34.7	16.5	30	1	117
PRAIRIE BR./PB-1821RR	.	44	47	32.5	17.3	26	1	122
KRUGER/K-202-1RR	.	42	48	32.4	17.4	26	1	126

Entries tested one year								
STINE/S1918-4	.	.	57	.	.	26	1	128
DESOY/D-191+RR	.	.	56	.	.	24	1	126
DESOY/D-191RR	.	.	56	.	.	28	1	127
MUSTANG/M-153RR	.	.	55	.	.	26	1	121
DAIRYLAND/DSR-199/RR	.	.	53	.	.	28	1	126

Table 13. Brookings, maturity group-I Roundup Ready test results (continued).

Brand / Entry	Yield - bu/a (13% moisture)			2001 Prot. pct+	2001 Oil pct+	Ht. in.	----- 2002 -----	
	3yr	2yr	2002				Ldg. Sc.~	Maturity: Days after seeding
	----- Entries tested one year -----							
KRUGER/K-202+RR	.	.	53	.	.	25	1	129
RENK/RS199RR	.	.	52	.	.	26	1	125
SANDS/SOI 1743RR	.	.	52	.	.	26	1	122
PRAIRIE BR./PB-2112RR	.	.	52	.	.	26	1	129
EXCEL/8193RR	.	.	51	.	.	29	1	127
PETERSON/EXP 0415	.	.	51	.	.	27	1	122
ZILLER/BT 7193R	.	.	51	.	.	26	1	128
US SEEDS/US S1403RR	.	.	51	.	.	27	1	118
LATHAM/297RR	.	.	51	.	.	24	1	122
DEKALB/DKB15-51	.	.	51	.	.	27	1	120
GOLD COUNTRY/1221RR	.	.	51	.	.	26	1	126
KALTENBERG/KB172RR	.	.	51	.	.	25	1	122
PRAIRIE BR./PB-1452RR	.	.	51	.	.	26	1	118
MIDWEST SEED/GR1832	.	.	51	.	.	26	1	123
DYNA-GRO/EXP DGX409RR	.	.	51	.	.	24	1	123
KALTENBERG/KB153RR	.	.	50	.	.	23	1	119
DESOY/D-166RR	.	.	50	.	.	26	1	123
DESOY/D-155+RR	.	.	50	.	.	26	1	117
LG SEEDS/C 1911RR	.	.	49	.	.	28	1	125
DAIRYLAND/DST1226/RR	.	.	49	.	.	25	1	121
KRUGER/K-211+RR	.	.	49	.	.	24	1	127
STINE/S1346-4	.	.	49	.	.	27	1	118
KALTENBERG/KB161RR	.	.	49	.	.	28	1	117
WENSMAN/W 2192NRR	.	.	49	.	.	27	1	124
DESOY/D-199BRR	.	.	49	.	.	24	1	123
DAHLCO/EXP-1130RR	.	.	49	.	.	30	1	118
PRAIRIE BR./PB-1921RR	.	.	49	.	.	28	1	126
ASGROW/AG1701	.	.	49	.	.	28	1	117
DEN BESTEN/DB1903NRR	.	.	48	.	.	28	1	127
EXCEL/8172RR	.	.	48	.	.	26	1	125
WENSMAN/W 2145RR	.	.	48	.	.	26	1	118
GOLDEN HARVEST/H1535RR	.	.	48	.	.	30	1	117
SANDS/SOI 1540RR	.	.	48	.	.	26	1	120
PRAIRIE BR./PB-1552RR	.	.	48	.	.	25	1	121
DYNA-GRO/EXP DGX408RR	.	.	48	.	.	25	1	120
MUSTANG/M-163RR	.	.	48	.	.	27	1	122
KRUGER/K-201RR	.	.	48	.	.	26	1	122
DAIRYLAND/DSR-184/RR	.	.	48	.	.	25	1	121
KAYSTAR/K-1501RR	.	.	47	.	.	29	1	119
THOMPSON/T-7214RR	.	.	47	.	.	23	1	127
DESOY/D-193RR	.	.	47	.	.	29	1	128
MUSTANG/M-193NRR	.	.	47	.	.	29	1	128
EXCEL/8153RR	.	.	47	.	.	25	1	119
DEN BESTEN/DB1703RR	.	.	47	.	.	26	1	121
KRUGER/K-199RR	.	.	47	.	.	32	1	121

Table 13. Brookings, maturity group-I Roundup Ready test results (continued).

Brand / Entry	Yield - bu/a (13% moisture)			2001 Prot. pct+	2001 Oil pct+	----- 2002 -----		Maturity: Days after seeding
	3yr	2yr	2002			Ht. in.	Ldg. Sc.~	
	Entries tested one year							
WENSMAN/W 2213RR	.	.	47	.	.	27	1	128
SANDS/SOI 1800RR	.	.	47	.	.	27	1	122
ZILLER/BT 7106R	.	.	47	.	.	24	1	116
ASGROW/AG1401	.	.	47	.	.	27	1	117
TOP FARM/EXP3182RR	.	.	46	.	.	27	1	123
DEN BESTEN/DB1803RR	.	.	46	.	.	29	1	126
NORTHSTAR/NS 1407RR	.	.	46	.	.	27	1	118
STINE/S1586-4	.	.	46	.	.	26	1	120
COYOTE/EXP518RR	.	.	46	.	.	27	1	122
CROWS/C1630R	.	.	46	.	.	30	1	120
PRAIRIE BR./PB-1981RR1	.	.	46	.	.	27	1	127
DESOY/D-169RR	.	.	46	.	.	28	1	122
WENSMAN/W 2186RR	.	.	46	.	.	25	1	123
PRAIRIE BR./PB-1532RR	.	.	45	.	.	25	1	121
PETERSON/EXP 0412	.	.	45	.	.	27	1	117
DYNA-GRO/DG 3172RR	.	.	45	.	.	25	1	120
DYNA-GRO/DG 3183RR	.	.	45	.	.	25	1	123
US SEEDS/US S1703RR	.	.	45	.	.	24	1	122
MUSTANG/M-123RR	.	.	45	.	.	29	1	117
SABRE/121RR	.	.	44	.	.	27	1	116
LATHAM/EXP-318RR	.	.	44	.	.	25	1	121
US SEEDS/US S1603RR	.	.	44	.	.	25	1	119
WENSMAN/W 2162RR	.	.	44	.	.	24	1	118
GOLDEN HARVEST/H1091RR	.	.	44	.	.	26	1	116
THOMPSON/T-7181RR	.	.	43	.	.	30	1	121
RENK/RS172RR	.	.	43	.	.	22	1	122
SABRE/140RR	.	.	43	.	.	27	1	118
MUSTANG/M-101RR	.	.	42	.	.	24	1	116
DEN BESTEN/DB1303RR	.	.	42	.	.	26	1	118
GREAT LAKES/GL1502RR	.	.	41	.	.	25	1	121
NORTHSTAR/NS 1307RR	.	.	41	.	.	29	1	117
LATHAM/EXP-118RR	.	.	41	.	.	25	1	116
SANDS/SOI 1200RR	.	.	40	.	.	24	1	114
TOP FARM/6149RR	.	.	40	.	.	30	1	117
Test average:	49	46	48	33.6	16.8	27	1	121
LSD(5%) value (\$):	NS	6	7					
Min.top yield value (\$):	45	46	50					
Coef. of variation (#):	7	9	9					

\$/+ See yield / protein and oil sections, respectively.

~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.

NS - Indicates differences between values within a column are not significant.

Measure of experimental error: values of < 15% are desired.

Table 14. Brookings, maturity group-II Roundup Ready soybean test results, 2000-2002, SDSU Agronomy Farm, seeded May 22.

Brand / Entry	Yield - bu/a (13% moisture)			2001 Prot. pct+	2001 Oil pct+	Ht. in.	----- 2002 -----	
	3yr	2yr	2002				Ldg. Sc.~	Maturity: Days after seeding
----- 2002 -----								
Entries tested two years								
MUSTANG/M-201RR	. 54	61	32.8	16.7	23	1	130	
ASGROW/AG2302	. 54	62	34.4	16.5	27	1	128	
PRAIRIE BR./PB-2131RR	. 54	63	33.5	16.9	29	1	130	
KRUGER/K-252-3RR	. 54	61	32.7	16.1	27	1	131	
KRUGER/K-262-2RR	. 54	61	34.2	16.2	27	1	.	
KRUGER/K-252-2RR	. 53	61	33.2	16.7	26	1	.	
PRAIRIE BR./PB-2141RR	. 52	63	33.2	16.4	25	1	.	
DEN BESTEN/DB2601RR	. 52	59	33.4	16.2	30	1	.	
GOLD COUNTRY/1122RR	. 52	57	31.6	17.4	27	1	126	
KRUGER/K-250RR	. 51	59	33.3	16.9	30	1	130	
DEKALB/DKB23-51	. 51	59	33.9	16.6	26	1	128	
MUSTANG/M-211RR	. 51	60	33.9	16.8	29	1	130	
TOP FARM/EXP3211RR	. 51	58	32.7	16.9	23	1	.	
PRAIRIE BR./PB-2117RR	. 51	58	32.6	17.0	27	1	128	
DAIRYLAND/DSR-221/RR	. 51	56	34.1	16.4	27	1	128	
GREAT LAKES/GL2109RR	. 50	57	33.4	17.2	29	1	126	
PRAIRIE BR./PB-2397RR	. 50	60	33.5	16.7	29	1	132	
DEN BESTEN/DB2402RR	. 50	57	34.1	16.5	26	1	.	
MUSTANG/M-230RR	. 50	63	33.2	17.0	28	1	131	
DEN BESTEN/DB2200RR	. 49	58	32.8	16.8	30	1	130	
DEN BESTEN/DB2703RR	. 49	60	32.6	16.8	30	1	.	
MUSTANG/M-241RR	. 49	55	33.8	16.3	24	1	130	
DYNA-GRO/DG 3223RR	. 48	57	34.1	16.8	30	1	129	
----- 2002 -----								
Entries tested one year								
LATHAM/EXP-468RR	. .	66	.	.	27	1	.	
THOMPSON/T-7225RR	. .	65	.	.	28	1	128	
MUSTANG/M-261RR	. .	65	.	.	34	1	.	
HY-VIGOR/H-223RR	. .	65	.	.	27	1	132	
GOLD COUNTRY/6221RR	. .	65	.	.	25	1	130	
DEKALB/DKB22-51	. .	64	.	.	26	1	.	
KRUGER/K-223RR	. .	64	.	.	27	1	.	
LATHAM/EXP-678RR	. .	63	.	.	31	1	.	
SANDS/SOI 2143RR	. .	63	.	.	23	1	.	
KRUGER/K-268 RR	. .	63	.	.	26	1	.	
KRUGER/K-211RR	. .	63	.	.	27	1	.	
PRAIRIE BR./PB-2572RR	. .	63	.	.	31	1	.	
CROWS/C2130R	. .	63	.	.	26	1	.	
MUSTANG/M-203RR	. .	62	.	.	26	1	.	
TOP FARM/6223RR	. .	62	.	.	29	1	129	
SANDS/SOI 2541RR	. .	62	.	.	32	1	.	
KRUGER/K-232RR	. .	62	.	.	26	1	.	
DEN BESTEN/DB2103RR	. .	62	.	.	27	1	132	
GREAT LAKES/GL2200RR	. .	61	.	.	28	1	127	
MUSTANG/M-243RR	. .	61	.	.	26	1	.	

Table 14. Brookings, maturity group-II Roundup Ready test results (continued).

Brand / Entry	Yield - bu/a (13% moisture)			2001 Prot. pct+	2001 Oil pct+	Ht. in.	----- 2002 ----- Ldg. Sc.~	Maturity: Days after seeding
	3yr	2yr	2002					
	----- Entries tested one year -----							
PRAIRIE BR./PB-2452RR	.	.	61	.	.	28	1	.
KRUGER/K-269RR	.	.	61	.	.	27	1	.
PRAIRIE BR./PB-2552RR	.	.	60	.	.	28	1	.
EXCEL/8200RR	.	.	60	.	.	26	1	128
DESOY/D-272RR	.	.	60	.	.	26	1	.
DYNA-GRO/EXP DGX382RR	.	.	60	.	.	27	1	.
MIDWEST SEED/GR2037	.	.	60	.	.	25	1	.
DYNA-GRO/DG 3200RR	.	.	60	.	.	24	1	129
DESOY/D-250-2RR	.	.	60	.	.	28	1	.
PRAIRIE BR./PB-2232RR	.	.	60	.	.	25	1	.
DESOY/D-211BRR	.	.	59	.	.	24	1	.
PRAIRIE BR./PB-2421RR	.	.	59	.	.	27	1	.
THOMPSON/T-7262RR	.	.	59	.	.	26	1	.
DESOY/D-259RR	.	.	59	.	.	27	1	.
KRUGER/K-287RR	.	.	59	.	.	30	1	.
PRAIRIE BR./PB-2352RR	.	.	59	.	.	27	1	.
DEN BESTEN/DB2303RR	.	.	59	.	.	28	1	.
DEN BESTEN/DB2503RR	.	.	58	.	.	30	1	.
DESOY/D-253-3RR	.	.	58	.	.	23	1	.
ASGROW/AG2105	.	.	58	.	.	27	1	.
RENK/RS212RR	.	.	58	.	.	28	1	129
MUSTANG/M-242RR	.	.	57	.	.	29	1	.
US SEEDS/US S2103RR	.	.	57	.	.	23	1	.
DESOY/D-233RR	.	.	57	.	.	27	1	130
ASGROW/AG2103	.	.	57	.	.	26	1	128
LATHAM/497RR	.	.	56	.	.	25	1	.
DEN BESTEN/DB2803RR	.	.	56	.	.	35	1	.
GREAT LAKES/GL2301RR	.	.	56	.	.	25	1	.
THOMPSON/T-7242RR	.	.	54	.	.	30	1	128
DESOY/D-201+RR	.	.	54	.	.	25	1	127
LG SEEDS/C 2142RR	.	.	52	.	.	31	1	131
Test average:	.	51	59	33.4	16.7	27	1	128
LSD(5%) value (\$):	.	NS	5					
Min.top yield value (\$):	.	48	61					
Coef. of variation (#):	.	6	6					

\$/+ See yield / protein and oil sections, respectively.

~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.

NS - Indicates differences between values within a column are not significant.

Measure of experimental error: values of < 15% are desired.

Table 15. Armour, maturity group-I Roundup Ready soybean test results, 2000-2002, Robert Clark farm, no-til seeded May 24.

Brand / Entry	Yield - bu/a (13% moisture)			---- 2001 ---		---- 2002 ----	
	3yr	2yr	2002	Prot. pct+	Oil pct+	Ht. in.	Lodging Scale~
	Entries tested three years						
SANDS/SOI 1800RR	46	48	47	32.0	18.4	23	1
KRUGER/K-211ARR	45	43	42	32.9	17.9	22	1
COYOTE/9419RR	43	41	40	32.8	18.2	21	1
	Entries tested two years						
KRUGER/K-212-2RR	.	46	44	32.5	17.8	21	1
THOMPSON/T-7205RR	.	45	40	32.1	18.3	20	1
DEN BESTEN/DB1902RR	.	44	40	31.9	18.2	22	1
RENK/RS199RR	.	43	40	30.5	19.7	19	1
PRAIRIE BR./PB-1821RR	.	41	45	31.9	18.4	21	1
ASGROW/AG1602	.	41	37	32.0	18.0	21	1
RENK/RS159RR	.	37	35	31.9	17.6	21	1
	Entries tested one year						
KRUGER/K-222+RR	.	.	46	.	.	24	1
PRAIRIE BR./PB-1981RR1	.	.	46	.	.	23	1
KRUGER/K-191RR	.	.	44	.	.	22	1
TOP FARM/EXP3182RR	.	.	42	.	.	25	1
PRAIRIE BR./PB-1921RR	.	.	42	.	.	22	1
STINE/S1918-4	.	.	42	.	.	20	1
PRAIRIE BR./PB-2112RR	.	.	42	.	.	21	1
DESOY/D-193RR	.	.	42	.	.	22	1
DEN BESTEN/DB1803RR	.	.	42	.	.	21	1
TOP FARM/6202RR	.	.	41	.	.	23	1
THOMPSON/T-7214RR	.	.	41	.	.	23	1
LG SEEDS/C 1911RR	.	.	41	.	.	25	1
NORTHSTAR/NS 1624RR	.	.	40	.	.	20	1
KRUGER/K-211+RR	.	.	40	.	.	21	1
DAIRYLAND/DSR-199/RR	.	.	40	.	.	25	1
DEN BESTEN/DB1903NRR	.	.	39	.	.	22	1
US SEEDS/US S1703RR	.	.	38	.	.	20	1
KRUGER/K-177RR	.	.	38	.	.	22	1
ASGROW/AG1701	.	.	38	.	.	23	1
RENK/RS172RR	.	.	38	.	.	22	1

Table 15. Armour, maturity group-I Roundup Ready test results (continued).

Brand / Entry	Yield - bu/a (13% moisture)			---- 2001 ---		---- 2002 ----	
	3yr	2yr	2002	Prot. pct+	Oil pct+	Ht. in.	Lodging Scale~
	Entries tested one year						
KRUGER/K-202+RR	.	.	38	.	.	19	1
DESOY/D-191+RR	.	.	37	.	.	21	1
DAHLCO/9160RR	.	.	37	.	.	22	1
KRUGER/K-199RR	.	.	36	.	.	23	1
KAYSTAR/K-1785RR	.	.	35	.	.	20	1
DYNA-GRO/DG 3183RR	.	.	35	.	.	23	1
DESOY/D-155+RR	.	.	35	.	.	22	1
KRUGER/K-201RR	.	.	34	.	.	21	1
DAHLCO/EXP-1180RR	.	.	34	.	.	23	1
DEN BESTEN/DB1703RR	.	.	33	.	.	20	1
COYOTE/EXP518RR	.	.	33	.	.	21	1
DESOY/D-169RR	.	.	33	.	.	22	1
DESOY/D-199BRR	.	.	30	.	.	21	1
PRAIRIE BR./PB-1932RR	.	.	27	.	.	20	1
Test average:	44	42	38	32.3	18.2	22	1
LSD(5%) value (\$):	NS	7	11				
Min.top yield value (\$):	43	41	35				
Coef. of variation (#):	17	13	18				

\$/+ See yield / protein and oil sections, respectively.

~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.

NS - Indicates differences between values within a column are not significant.

Measure of experimental error: values of < 15% are desired.

Table 16. Armour, maturity group-II Roundup Ready soybean test results, 2000-2002, Robert Clark farm, no-til seeded May 24.

Brand / Entry	Yield - bu/a (13% moisture)			---- 2001 --- Prot. Oil		---- 2002 ---- Ht. Lodging	
	3yr	2yr	2002	pct+	pct+	in.	Scale~
----- Entries tested three years -----							
KRUGER/K-250RR	46	48	45	32.6	18.4	26	1
LATHAM/457RR	45	45	45	32.6	18.2	23	1
SANDS/SOI 271RR	45	47	41	32.1	17.8	24	1
DEN BESTEN/DB2601RR	45	45	42	32.8	17.4	23	1
MUSTANG/M-242RR	44	42	37	34.9	16.8	22	1
ASGROW/AG2302	44	45	46	33.6	17.9	25	1
SANDS/SOI 226RR	43	42	37	32.4	18.3	22	1
KRUGER/K-244RR	43	41	40	34.1	17.3	21	1
ASGROW/AG2703	42	42	37	32.3	18.0	23	1
DEN BESTEN/DB2200RR	42	42	40	33.0	17.6	23	1
DAIRYLAND/DSR-228/RR	41	39	38	34.4	17.3	21	1
GOLDEN HARVEST/H2304RR	41	41	38	31.8	18.9	23	1
COYOTE/9626RR	41	41	40	33.6	17.3	24	1
PRAIRIE BR./PB-2397RR	41	39	37	32.5	18.6	23	1
----- Entries tested two years -----							
PRAIRIE BR./PB-2141RR	.	46	48	31.8	18.1	23	1
SANDS/SOI 2792RR	.	45	43	32.5	18.3	28	1
MUSTANG/M-261RR	.	44	48	31.0	18.6	25	1
DEN BESTEN/DB2703RR	.	44	45	31.9	17.8	25	1
TOP FARM/EXP3211RR	.	44	43	32.5	18.2	20	1
PRAIRIE BR./PB-2821RR	.	43	42	31.4	18.1	24	1
MUSTANG/M-241RR	.	43	39	32.6	18.4	20	1
PRAIRIE BR./PB-2421RR	.	42	38	31.6	18.6	20	1
DAIRYLAND/DSR-221/RR	.	41	38	33.5	17.8	21	1
DEN BESTEN/DB2402RR	.	40	37	32.8	18.1	19	1
KRUGER/K-262-2RR	.	38	36	32.8	17.8	21	1
MUSTANG/M-230RR	.	38	33	34.1	17.5	19	1
RENK/RS240RR	.	37	33	33.1	17.9	21	1
COYOTE/9425RR	.	37	37	33.9	17.0	20	1
----- Entries tested one year -----							
KRUGER/K-270RR	.	.	53	.	.	28	1
THOMPSON/EXP7254RR	.	.	52	.	.	21	1
KALTENBERG/KB273RR	.	.	52	.	.	26	1
DEN BESTEN/DB2503RR	.	.	49	.	.	26	1
US SEEDS/US S2703RR	.	.	48	.	.	27	1
THOMPSON/T-7285RR	.	.	48	.	.	24	1
PRAIRIE BR./PB-2452RR	.	.	47	.	.	24	1
LATHAM/EXP-738RR	.	.	47	.	.	26	1
KRUGER/K-268 RR	.	.	47	.	.	21	1
SANDS/SOI 2872RR	.	.	47	.	.	24	1
DESOY/D-279RR	.	.	46	.	.	21	1
DESOY/D-272RR	.	.	46	.	.	22	1
MIDWEST SEED/GR2037	.	.	46	.	.	21	1
DEKALB/DKB24-51	.	.	46	.	.	27	1
DEKALB/DKB25-51	.	.	46	.	.	22	1

Table 16. Armour, maturity group-II Roundup Ready test results (continued).

Brand / Entry	Yield - bu/a (13% moisture)			---- 2001 ---		---- 2002 ----	
	3yr	2yr	2002	Prot. pct+	Oil pct+	Ht. in.	Lodging Scale~
	----- Entries tested one year -----						
US SEEDS/US S2103RR	.	.	45	.	.	19	1
PRAIRIE BR./PB-2572RR	.	.	45	.	.	26	1
DYNA-GRO/EXP DGX382RR	.	.	45	.	.	23	1
THOMPSON/T-7262RR	.	.	45	.	.	22	1
PRAIRIE BR./PB-2832RR	.	.	44	.	.	24	1
TOP FARM/6223RR	.	.	44	.	.	26	1
DEN BESTEN/DB2803RR	.	.	44	.	.	24	1
DEKALB/DKB22-51	.	.	44	.	.	22	1
SANDS/SOI 2541RR	.	.	43	.	.	26	1
LATHAM/917RR	.	.	43	.	.	24	1
PRAIRIE BR./PB-2352RR	.	.	43	.	.	22	1
CROWS/C2435R	.	.	43	.	.	24	1
LG SEEDS/C 2142RR	.	.	43	.	.	25	1
THOMPSON/T-7242RR	.	.	43	.	.	26	1
COYOTE/9728RR	.	.	43	.	.	26	1
RENK/RS212RR	.	.	43	.	.	22	1
MUSTANG/M-203RR	.	.	43	.	.	20	1
KRUGER/K-211RR	.	.	43	.	.	21	1
MALLARD/RR EXP2214	.	.	43	.	.	19	1
KRUGER/K-269RR	.	.	43	.	.	24	1
DESOY/D-252-3RR	.	.	43	.	.	22	1
DESOY/D-259RR	.	.	42	.	.	25	1
DEN BESTEN/DB2303RR	.	.	42	.	.	24	1
MIDWEST SEED/GR2746	.	.	42	.	.	23	1
MALLARD/RR EXP2012	.	.	42	.	.	22	1
PRAIRIE BR./PB-2552RR	.	.	42	.	.	21	1
KALTENBERG/KB241RR	.	.	42	.	.	24	1
KALTENBERG/KB261RR	.	.	41	.	.	25	1
DESOY/D-211BRR	.	.	41	.	.	18	1
SANDS/SOI 2531RR	.	.	41	.	.	24	1
LATHAM/647RR	.	.	41	.	.	20	1
GOLDEN HARVEST/H2162RR	.	.	41	.	.	18	1
RENK/RS252RR	.	.	41	.	.	26	1
CROWS/EXP221	.	.	41	.	.	22	1
KRUGER/K-287RR	.	.	41	.	.	23	1
SANDS/SOI 2642N/RR	.	.	41	.	.	30	1
LATHAM/727RR	.	.	40	.	.	22	1
US SEEDS/US S2503RR	.	.	40	.	.	23	1
HY-VIGOR/266RR	.	.	40	.	.	23	1
DESOY/D-282+RR	.	.	39	.	.	21	1
DEN BESTEN/DB2103RR	.	.	39	.	.	21	1
PRAIRIE BR./PB-2232RR	.	.	38	.	.	20	1
US SEEDS/US S2403RR	.	.	38	.	.	18	1
MIDWEST SEED/GR2255	.	.	38	.	.	22	1
KAYSTAR/K-2110RR	.	.	38	.	.	21	1

Table 16. Armour, maturity group-II Roundup Ready test results (continued).

Brand / Entry	Yield - bu/a (13% moisture)			---- 2001 ---		---- 2002 ----	
	3yr	2yr	2002	Prot. pct+	Oil pct+	Ht. in.	Lodging Scale~
	Entries tested one year						
DESOY/D-292RR	.	.	37	.	.	23	1
DAHLCO/EXP-1211RR	.	.	37	.	.	18	1
KRUGER/K-232RR	.	.	37	.	.	17	1
LATHAM/497RR	.	.	36	.	.	19	1
MALLARD/RR2111	.	.	36	.	.	22	1
ASGROW/AG2105	.	.	36	.	.	23	1
SANDS/SOI 231RR	.	.	35	.	.	21	1
DESOY/D-253-3RR	.	.	35	.	.	20	1
KRUGER/K-223RR	.	.	35	.	.	18	1
MUSTANG/M-243RR	.	.	35	.	.	20	1
DESOY/D-250-2RR	.	.	35	.	.	20	1
NORTHSTAR/NS 2107RR	.	.	34	.	.	22	1
COYOTE/9524RR	.	.	33	.	.	19	1
DYNA-GRO/EXP DGX413RR	.	.	33	.	.	20	1
DESOY/D-233RR	.	.	32	.	.	17	1
DYNA-GRO/DG 3200RR	.	.	31	.	.	19	1
DESOY/D-201+RR	.	.	29	.	.	17	1
Test average:	43	42	41	32.8	17.9	22	1
LSD(5%) value (\$):	NS	NS	12				
Min.top yield value (\$):	41	37	41				
Coef. of variation (#):	14	17	18				

\$/+ See yield / protein and oil sections, respectively.

~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.

NS - Indicates differences between values within a column are not significant.

Measure of experimental error: values of < 15% are desired.

Table 17. Beresford, maturity group-I Roundup Ready soybean test results, 2000-2002, S.E. Research Farm, seeded May 25.

Brand / Entry	Yield - bu/a (13% moisture)			2001	2001	Ht. in.	Ldg. Sc.~	----- 2002 -----
	3yr	2yr	2002	Prot. pct+	Oil pct+			Maturity: Days after seeding
----- 2002 -----								
Entries tested three years								
KRUGER/K-199+RR	56	56	56	32.8	17.4	28	1	114
TOP FARM/6202RR	54	52	50	34.9	16.9	26	1	113
KRUGER/K-211ARR	53	52	49	33.8	16.7	28	1	116
Entries tested two years								
THOMPSON/T-7205RR	.	57	55	32.3	17.7	25	1	119
DEN BESTEN/DB1902RR	.	56	56	32.7	17.4	26	1	119
KRUGER/K-212-2RR	.	55	52	32.9	17.3	25	1	118
RENK/RS199RR	.	54	54	30.8	18.4	29	1	115
LATHAM/418RR	.	53	50	34.7	16.7	27	1	114
THOMPSON/T-7217RR	.	52	49	31.5	18.4	28	1	115
PRAIRIE BR./PB-1821RR	.	51	49	32.8	17.8	28	1	112
RENK/RS159RR	.	48	47	32.4	17.1	30	2	114
Entries tested one year								
DESOY/D-191+RR	.	.	59	.	.	24	1	118
THOMPSON/T-7214RR	.	.	58	.	.	27	1	119
KRUGER/K-202+RR	.	.	57	.	.	25	1	117
STINE/S1918-4	.	.	56	.	.	26	1	119
WENSMAN/W 2213RR	.	.	54	.	.	29	1	120
PRAIRIE BR./PB-1981RR1	.	.	53	.	.	27	1	114
MERSCHMAN/MARS VIIR	.	.	53	.	.	26	1	118
DEN BESTEN/DB1803RR	.	.	53	.	.	27	1	115
KRUGER/K-191RR	.	.	53	.	.	29	1	115
DAIRYLAND/DSR-199/RR	.	.	52	.	.	26	1	115
KRUGER/K-211+RR	.	.	52	.	.	26	1	119
KRUGER/K-222+RR	.	.	52	.	.	27	1	115
ZILLER/BT 7193R	.	.	52	.	.	26	1	115
PRAIRIE BR./PB-1921RR	.	.	51	.	.	28	1	116
DESOY/D-193RR	.	.	50	.	.	27	1	114

Table 17. Beresford, maturity group-I Roundup Ready test results (continued).

Brand / Entry	Yield - bu/a (13% moisture)			2001	2001	Ht. in.	Ldg. Sc.~	----- 2002 -----
	3yr	2yr	2002	Prot. pct+	Oil pct+			Maturity: Days after seeding
	Entries tested one year							
MERSCHMAN/VENUS RR	.	.	50	.	.	26	1	114
TOP FARM/EXP3182RR	.	.	50	.	.	28	1	114
PRAIRIE BR./PB-2112RR	.	.	49	.	.	26	1	118
KRUGER/K-199RR	.	.	49	.	.	29	1	114
THOMPSON/T-7181RR	.	.	49	.	.	30	1	113
DYNA-GRO/DG 3183RR	.	.	49	.	.	27	1	113
PRAIRIE BR./PB-1932RR	.	.	49	.	.	30	1	117
DEN BESTEN/DB1903NRR	.	.	48	.	.	28	1	115
RENK/RS172RR	.	.	48	.	.	25	1	112
US SEEDS/US S1703RR	.	.	47	.	.	26	1	113
DAHLCO/EXP-1180RR	.	.	46	.	.	25	1	115
WENSMAN/W 2192NRR	.	.	46	.	.	29	1	115
WENSMAN/W 2186RR	.	.	45	.	.	26	1	113
KRUGER/K-201RR	.	.	45	.	.	25	1	114
KRUGER/K-177RR	.	.	43	.	.	26	1	112
Test average:	54	52	50	33.1	17.4	27	1	115
LSD(5%) value (\$):	NS	4	6					
Min.top yield value (\$):	53	53	53					
Coef. of variation (#):	6	7	7					

\$/+ See yield / protein and oil sections, respectively.

~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.

NS - Indicates differences between values within a column are not significant.

Measure of experimental error: values of < 15% are desired.

Table 18. Beresford, maturity group-II Roundup Ready soybean test results, 2000-2002, S.E. Research Farm, seeded May 25.

Brand / Entry	Yield - bu/a (13% moisture)			2001 Prot. pct+	2001 Oil pct+	Ht. in.	----- 2002 -----	
	3yr	2yr	2002				Ldg. Sc.~	Maturity: Days after seeding
----- 2002 -----								
Entries tested three years								
PRAIRIE BR./PB-2397RR	55	55	55	33.8	17.3	29	1	115
DEN BESTEN/DB2601RR	54	53	46	32.3	17.2	30	1	121
KRUGER/K-269RR	54	52	46	34.1	16.9	29	1	116
KRUGER/K-250RR	54	51	48	33.8	17.6	28	1	116
GOLDEN HARVEST/H2304RR	54	53	53	33.0	17.8	30	1	118
SANDS/SOI 271RR	53	51	47	31.6	17.6	29	1	121
ASGROW/AG2703	53	49	47	32.5	17.8	30	1	117
DEKALB/DKB26-52	53	52	49	33.6	17.1	35	2	119
DEKALB/DKB28-51	52	51	46	31.8	17.3	28	1	119
SANDS/SOI 226RR	52	50	46	32.4	17.7	31	1	118
DEN BESTEN/DB2200RR	52	51	48	33.9	16.8	29	1	115
ASGROW/AG2302	52	51	48	33.6	17.7	26	1	111
DEKALB/DKB23-51	52	49	45	32.8	17.4	28	1	113
ZILLER/BT 7211R	51	52	53	33.8	17.2	29	1	111
KALTENBERG/KB261RR	51	52	51	32.9	17.5	35	2	122
DAIRYLAND/DSR-228/RR	50	48	47	33.4	17.5	28	1	114
COYOTE/9626RR	49	47	46	32.9	17.4	29	1	119
MUSTANG/M-242RR	49	48	45	34.4	16.3	26	1	118
Entries tested two years								
PRAIRIE BR./PB-2421RR	.	56	55	33.2	17.4	29	1	120
LATHAM/497RR	.	56	49	31.5	18.0	23	1	116
KRUGER/K-252-2RR	.	56	53	32.8	18.1	28	1	121
KRUGER/K-262-2RR	.	55	55	33.4	17.3	29	1	119
MUSTANG/M-201RR	.	55	54	32.8	17.4	29	1	119
DEN BESTEN/DB2703RR	.	54	53	32.2	17.8	28	1	119
PRAIRIE BR./PB-2821RR	.	53	55	32.0	17.9	31	2	120
PRAIRIE BR./PB-2141RR	.	53	48	31.6	17.8	27	1	118
LATHAM/647RR	.	53	51	32.5	18.1	25	1	116
MALLARD/RR2111	.	52	52	32.9	17.9	29	1	117
ASGROW/AG2905	.	52	48	32.1	17.7	29	1	121
MUSTANG/M-211RR	.	52	49	31.6	18.5	29	1	115
DAIRYLAND/DSR-221/RR	.	52	48	33.1	17.4	25	1	117
MUSTANG/M-280RR	.	51	48	32.2	17.8	30	1	121
TOP FARM/EXP3211RR	.	51	46	32.9	17.0	25	1	120
MUSTANG/M-261RR	.	51	50	30.5	18.0	30	1	118
MUSTANG/M-241RR	.	50	47	33.6	17.8	25	1	113
DEN BESTEN/DB2402RR	.	50	42	33.9	17.3	24	1	117
GREAT LAKES/GL2515RR	.	49	46	33.0	17.6	30	1	118
GREAT LAKES/GL2704RR	.	49	46	31.7	17.9	33	1	118
HY-VIGOR/299XRR	.	49	47	33.1	17.1	28	1	117
RENK/RS240RR	.	48	45	33.6	17.1	28	1	119
COYOTE/9425RR	.	48	46	32.9	17.2	28	1	119
GREAT LAKES/GL2419RR	.	47	43	32.7	17.5	27	1	118
MUSTANG/M-230RR	.	47	44	33.2	17.3	28	1	116

Table 18. Beresford, maturity group-II Roundup Ready test results (continued).

Brand / Entry	Yield - bu/a (13% moisture)			2001 Prot. pct+	2001 Oil pct+	Ht. in.	Ldg. Sc.~	----- 2002 -----
	3yr	2yr	2002					Maturity: Days after seeding
								Entries tested one year
PRAIRIE BR./PB-2832RR	.	.	56	.	.	29	1	123
COYOTE/9524RR	.	.	56	.	.	28	1	120
NORTHSTAR/NS 2817RR	.	.	56	.	.	30	2	117
US SEEDS/US S2703RR	.	.	55	.	.	31	1	118
GOLDEN HARVEST/H2162RR	.	.	55	.	.	26	1	117
LATHAM/457RR	.	.	55	.	.	28	1	118
NORTHSTAR/NS 2107RR	.	.	55	.	.	31	1	119
KRUGER/K-244RR	.	.	54	.	.	27	1	119
KRUGER/K-268 RR	.	.	54	.	.	28	1	117
DYNA-GRO/EXP DGX432RR	.	.	53	.	.	31	2	119
KRUGER/K-223RR	.	.	53	.	.	25	1	118
MIDWEST SEED/GR2746	.	.	53	.	.	33	1	119
KRUGER/K-270RR	.	.	53	.	.	30	1	120
US SEEDS/US S2103RR	.	.	53	.	.	25	1	119
MIDWEST SEED/GR2037	.	.	53	.	.	28	1	119
US SEEDS/US S2403RR	.	.	53	.	.	25	1	119
GREAT LAKES/GL2301RR	.	.	53	.	.	26	1	119
SANDS/SOI 2642N/RR	.	.	52	.	.	34	1	120
SANDS/SOI 2872RR	.	.	52	.	.	30	1	119
DESOY/D-250-2RR	.	.	52	.	.	27	1	120
DEN BESTEN/DB2103RR	.	.	52	.	.	29	1	119
DEKALB/DKB25-51	.	.	52	.	.	26	1	120
KRUGER/K-211RR	.	.	52	.	.	28	1	118
MUSTANG/M-243RR	.	.	52	.	.	28	1	120
MERSCHMAN/SIOUX IIRR	.	.	52	.	.	28	1	116
KALTENBERG/KB273RR	.	.	52	.	.	28	1	121
DAHLCO/EXP-1211RR	.	.	52	.	.	23	1	119
MERSCHMAN/MUNSEE IIRR	.	.	51	.	.	30	1	113
RENK/RS212RR	.	.	51	.	.	27	1	121
TOP FARM/6223RR	.	.	51	.	.	30	1	117
US SEEDS/US S2503RR	.	.	51	.	.	28	1	120
DYNA-GRO/EXP DGX413RR	.	.	50	.	.	28	1	118
LATHAM/727RR	.	.	50	.	.	31	1	120
PRAIRIE BR./PB-2572RR	.	.	50	.	.	30	1	112
DESOY/D-211BRR	.	.	50	.	.	26	1	119
MALLARD/RR EXP2214	.	.	50	.	.	25	1	120
THOMPSON/EXP7254RR	.	.	50	.	.	26	1	119
SANDS/SOI 2143RR	.	.	50	.	.	27	1	119
MERSCHMAN/APACHE VIIIR	.	.	50	.	.	27	1	120
DESOY/D-279RR	.	.	49	.	.	29	1	119
DYNA-GRO/EXP DGX382RR	.	.	49	.	.	28	1	118
PRAIRIE BR./PB-2352RR	.	.	49	.	.	29	1	119
MALLARD/RR EXP2012	.	.	49	.	.	25	1	119
DESOY/D-282+RR	.	.	49	.	.	28	1	120
DESOY/D-272RR	.	.	49	.	.	27	1	113

Table 18. Beresford, maturity group-II Roundup Ready test results (continued).

Brand / Entry	Yield - bu/a (13% moisture)			2001 Prot. pct+	2001 Oil pct+	Ht. in.	Ldg. Sc.~	----- 2002 -----
	3yr	2yr	2002					Maturity: Days after seeding
								Entries tested one year
MIDWEST SEED/GR2255	.	.	49	.	.	28	1	118
MERSCHMAN/MOHEGAN IVRR	.	.	49	.	.	30	1	120
CROWS/C2435R	.	.	49	.	.	30	1	120
COYOTE/9728RR	.	.	49	.	.	31	1	119
MERSCHMAN/SHAWNEE VIII	.	.	49	.	.	33	1	120
EXCEL/8200RR	.	.	49	.	.	27	1	116
PRAIRIE BR./PB-2452RR	.	.	49	.	.	29	1	117
DEN BESTEN/DB2503RR	.	.	48	.	.	26	1	117
LATHAM/967RR	.	.	48	.	.	29	1	117
KRUGER/K-232RR	.	.	48	.	.	25	1	119
SANDS/SOI 2531RR	.	.	48	.	.	30	1	117
DESOY/D-252-3RR	.	.	48	.	.	28	1	119
MERSCHMAN/UTE RR	.	.	48	.	.	28	1	118
LATHAM/697RR	.	.	47	.	.	26	1	118
THOMPSON/T-7242RR	.	.	47	.	.	30	1	119
DYNA-GRO/DG 3200RR	.	.	47	.	.	27	1	121
THOMPSON/T-7262RR	.	.	47	.	.	28	1	119
DEN BESTEN/DB2803RR	.	.	47	.	.	32	1	119
SANDS/SOI 231RR	.	.	47	.	.	30	1	118
LATHAM/EXP-678RR	.	.	47	.	.	27	1	117
PRAIRIE BR./PB-2552RR	.	.	47	.	.	26	1	118
DEKALB/DKB24-51	.	.	47	.	.	29	1	114
LATHAM/507RR	.	.	47	.	.	26	1	111
KRUGER/K-287RR	.	.	46	.	.	26	1	121
DESOY/D-292RR	.	.	46	.	.	28	1	120
DESOY/D-253-3RR	.	.	46	.	.	24	1	119
RENK/RS252RR	.	.	46	.	.	29	1	115
EXCEL/8254RR	.	.	46	.	.	28	1	119
MERSCHMAN/NAVAHO VIIRR	.	.	46	.	.	30	1	114
EXCEL/8235RR	.	.	46	.	.	28	1	114

Table 18. Beresford, maturity group-II Roundup Ready test results (continued).

Brand / Entry	Yield - bu/a (13% moisture)			2001 Prot. pct+	2001 Oil pct+	Ht. in.	Ldg. Sc.~	----- 2002 -----
	3yr	2yr	2002					Maturity: Days after seeding
Entries tested one year								
DESOY/D-259RR	.	.	45	.	.	27	1	112
MERSCHMAN/CHEROKEE XRR	.	.	45	.	.	28	1	123
MUSTANG/M-203RR	.	.	45	.	.	27	1	115
GREAT LAKES/GL2709RR	.	.	45	.	.	26	1	121
KALTENBERG/KB241RR	.	.	45	.	.	26	1	116
DESOY/D-233RR	.	.	45	.	.	26	1	117
MUSTANG/M-273RR	.	.	44	.	.	33	1	121
ASGROW/AG2705	.	.	44	.	.	31	1	116
HY-VIGOR/216NR	.	.	43	.	.	28	1	116
LATHAM/EXP-658RR	.	.	43	.	.	26	1	115
DESOY/D-201+RR	.	.	43	.	.	26	1	114
DEN BESTEN/DB2303RR	.	.	43	.	.	26	1	116
PRAIRIE BR./PB-2232RR	.	.	41	.	.	25	1	114
CROWS/EXP221	.	.	40	.	.	23	1	115
Test average:	52	51	48	32.9	17.5	28	1	117
LSD(5%) value (\$):	NS	6	7					
Min.top yield value (\$):	49	50	49					
Coef. of variation (#):	8	8	9					

\$/+ See yield / protein and oil sections, respectively.

~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.

NS - Indicates differences between values within a column are not significant.

Measure of experimental error: values of < 15% are desired.