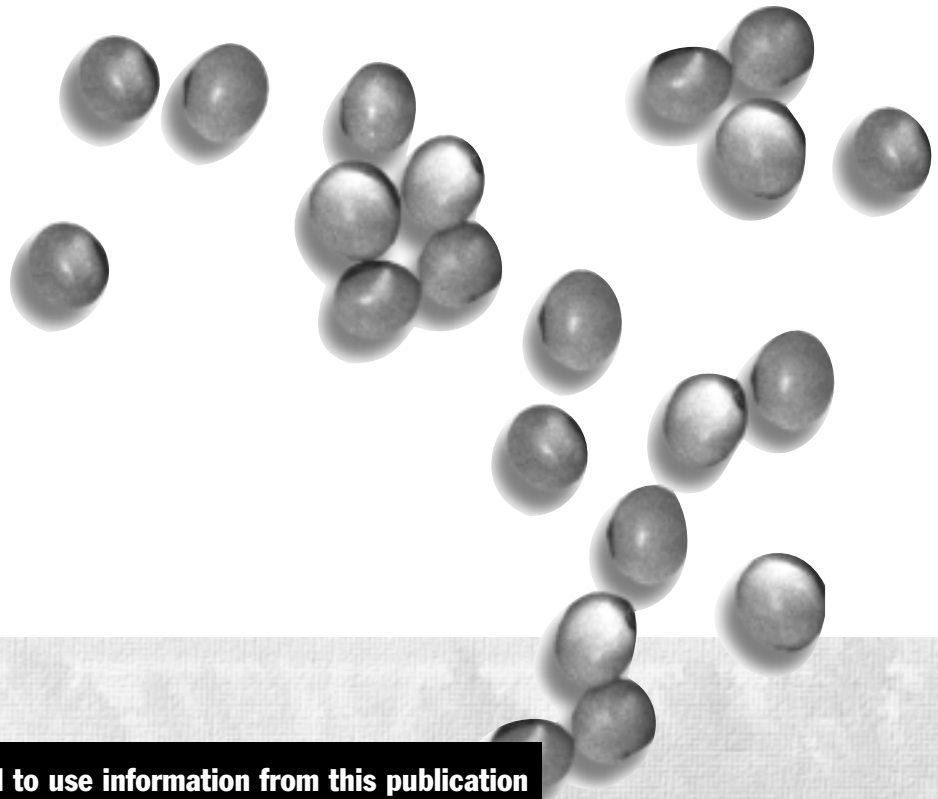
EC 775
Revised
Annually

Soybeans

2000 Crop Performance Results



South Dakota State University **COOPERATIVE EXTENSION SERVICE** U.S. Department of Agriculture

Soybeans

2000 South Dakota Soybean Variety Performance Trials

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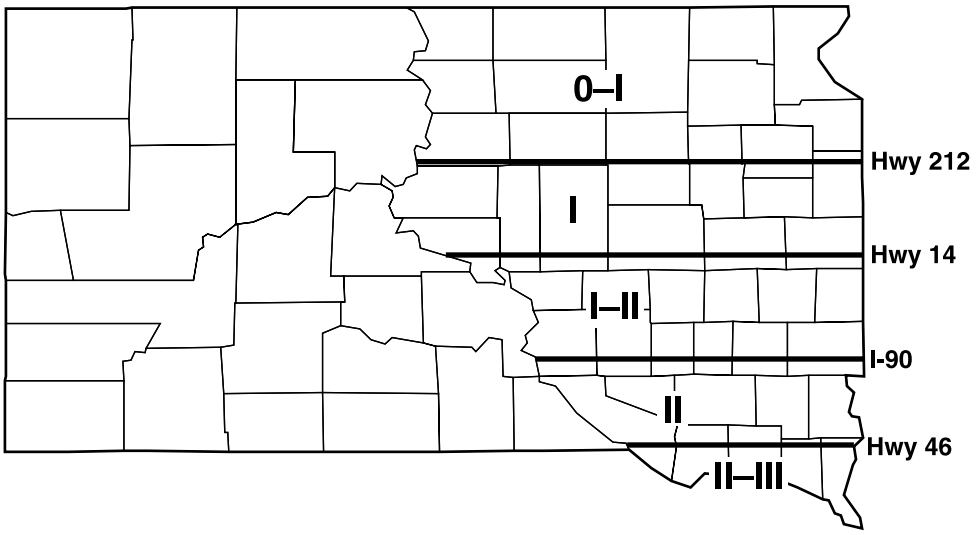
Successful soybean production is greatly affected by variety selection for a given growing area. This publication reports the agronomic performance of entries in the 2000 South Dakota performance trials for conventional (non-Roundup Ready®) and Roundup Ready® soybean varieties. Important factors in variety selection 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 (Regional Soybean Traits Evaluated—Public Entries, and Table A) are available 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, Nebraska and southward into Texas.

These soybean performance trial results are reported according to the prevalent maturity zones in South Dakota (see map below). The conventional Group-0 variety trials are conducted at Watertown, Frankfort, and Brookings; group-I at Watertown, Frankfort, Brookings, Armour, and Beresford; and group-II trials at Brookings, Armour and Beresford. The irrigated trials at Pierre include group-I and -II tests. The Roundup Ready trials are conducted at four locations as follows: Group-0 varieties are tested at Watertown and Brookings; group-I at Watertown, Brookings, Armour, and Beresford; and group-II at 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 affect 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 managed partially through the use of resistant varieties. However, the 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 a field is suspected of having PRR and the specific race(s) involved is unknown, then selection of varieties having genes that impart a wide a range of race resistance (Table B) is strongly suggested. Variety resistance to specific races of PRR (as reported by the entering company) 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 practiced 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. In addition, both 2-year and 3-year averages are included where varieties have been tested for two 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, there is a statistical yield difference between variety-A (30 bushels) and variety-B (25 bushels). Therefore, variety-A has a higher yield than variety-B. 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 would have a similar yield because their yield difference of 3 bushels was 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 be used to calculate the **minimum top yield.** 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 equals 50 bushels – 5 bushels = 45 bushels. 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, and 1-year time period. **Note: Entries tested for three years may also have a top-yield group value in the 2yr (1999-00) and 2000 yield columns. Likewise, entries tested for two years may also have a top-yield group value in the 2000 yield column.**

The efforts of J. Hall, crop testing; R. Scott, S. Stein and C. Engebrecht, SDSU soybean breeding project; J. Smolik and A. Heuer, NE Research Farm; D. Beck and staff, Dakota Lakes 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, SD and Steve Masat, Frankfort, SD are gratefully acknowledged.

Protein and Oil Content

The protein and oil values reported are for the 1999 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 and Roundup Ready soybean entries with the following exceptions:

1) 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.

2) The maturity of the Roundup Ready entries is reported as number of days after seeding.

Test Procedures

A standard 30-inch row spacing was used at all locations. The no-till irrigated test at Dakota Lakes, near Pierre, consisted of seeding into 6 to 8-inch wheat stubble with a 30-inch row spacing. The no-till test at Armour and Frankfort included seeding 30-inch rows into corn stubble. Adjustments in seeding rates, on a pure-live-seed basis, were made to attain a final population of 150,000 plants per acre for all varieties and locations.

Test plots consist of 2-row plots, 20 feet long, with three replications at all locations except Pierre. At Pierre test plots consist of two rows, 13.2 feet long, with three replications. Soybean inoculation was accomplished by applying Nitragin brand Soybean Soil Implant down the seed tube, according to label instructions and rates, during seeding. Herbicides and fertilization were dependent on each farm cooperator. Three replications of each variety were harvested at each location.

SDSU Soybean Traits Evaluated—All Entries

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.

Reporting Variety Maturity

Conventional non-Roundup Ready® soybeans: The relative maturity test included all current year entries in the replicated Group-0 and -I tests at Brookings and the Group-I and -II tests at Beresford. Entries were considered mature when 95% of the pods had turned brown. The maturity of each entry was obtained by determining the average number of days difference between seeding and maturity for two replicates and expressing it as "Days after seeding". Each maturity group trial included "early", "intermediate", and "late" maturity check varieties within the test. The known relative maturity of the check varieties were regressed on "Days after seeding" to formulate a predictive equation. The predicted relative maturity values were then adjusted to fit a relative maturity scale of 0.0 to 0.9 for group-0, 1.0 to 1.9 for group-I, and 2.0 to 2.9 for group-II varieties. The relative maturity score for group-0 varieties spanned 8 calendar days so each unit of the relative score (0.1) represents 0.8 days. The group-I relative maturity score spanned 18 days so each 0.1 unit of the relative score equals 1.8 days. Likewise, the group-II maturity spanned 12 days so each unit of the relative score (0.1) equals 1.2 days.

The most important assumption in calculating relative maturity scores is that "Days after seeding" values will account for 85% or more of the variability associated with the regression equation (R^2= 85% or higher) used to predict relative maturity scores. If R^2 is less than 85%, the predicted or calculated relative maturity scores are not valid. In this case, the R^2 of 86% for group-I maturity test was valid while the R^2 values of 80% for group-0 and 72% for group-II tests were not valid.

Consequently, both valid and invalid predicted relative maturity scores were obtained. Therefore, it was also decided to simply report variety maturity values as "Days after seeding" and include them in each yield table. In a few cases, the variable "Days after seeding" may be missing in a given yield table because the entry in question was not tested at either Brookings or Beresford, where variety maturity dates were obtained. The "Days after seeding" values are easily used to compare differences in varietal maturity. If two varieties differ by five days, i.e. 125-120 =5, their maturity differed by five days.

Roundup Ready® soybeans

Relative maturity scores were not calculated for Roundup Ready varieties. Instead, maturity of these entries is reported as "Days after seeding".

Height

Height was measured from the soil surface to the 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 Phtophthora races was 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 resistance 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.

Regional Soybean Traits—Public Entries

Evaluations of public soybean variety characteristics are conducted by regional universities and USDA as the Uniform Soybean Test, Northern States (Table A). Evaluations and locations include emergence (Ames, IA), shattering (Manhattan, KS), and iron chlorosis (Rosemount, MN—Group 0, Waseca, MN—Groups I and II). A discussion of these evaluations follows:

Emergence
Scores are related to hypocotyl elongation and are measured following emergence after 12 days from a 4½-inch depth in sand maintained at 77º 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
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
Evaluated on high pH soils; range from 1 = little or no yellowing to 3 = moderate yellowing to 5 = severe yellowing.

PERFORMANCE TRIAL RESULTS

Conventional Non-Roundup Ready® Soybean Variety

Note: Yields are three-year (1998-00), two-year (1999-00), or one-year (2000).

WATERTOWN (NE RESEARCH FARM)

Group-0 (Table 1)
Varieties had to average at least 48 bushels (three-year), 43 bushels (two-year), or 37 bushels per acre (one-year) to be in the top-yield group. The top-yield groups for the three-year, two-year, and one-year data include 8, 11, and 26 entries, respectively.

Group-I (Table 2)
Varieties had to average at least 48 bushels (three-year), 43 bushels (two-year), or 38 bushels per acre (one-year) to be in the top-yield group. The top-yield groups for the three-year, two-year, and one-year data include 11, 19, and 12 entries, respectively.

FRANKFORT, NO-TILL TRIAL

Group-0 (Table 3)
Varieties had to average at least 56 bushels (three-year), 54 bushels (two-year), or 64 bushels per acre (one-year) to be in the top-yield group. The top-yield groups for the three-year, two-year, and one-year data include 7, 10, and 16 entries, respectively.

Group-I (Table 4)
Varieties had to average at least 57 bushels (three-year), 59 bushels (two-year), or 69 bushels per acre (one-year) to be in the top-yield group. The top-yield groups for the three-year, two-year, and one-year data include 7, 5, and 5 entries, respectively.

BROOKINGS (SDSU AGRONOMY FARM)

Group-0 (Table 5)
Varieties had to average at least 47 bushels (three-year), 46 bushels (two-year), or 48 bushels per acre (one-year) to be in the top-yield group. The top-yield groups for the three-year, two-year, and one-year data include 7, 10, and 16 entries, respectively.

Group-I (Table 6)
Varieties had to average at least 50 bushels (three-year), 52 bushels (two-year), or 48 bushels per acre (one-year) to be in the top-yield group. The top-yield groups for the three-year, two-year, and one-year data include 14, 20, and 31 entries, respectively.

Group-II (Table 7)
Varieties had to average at least 52 bushels (three-year), 49 bushels (two-year), or 46 bushels per bushel (one-year) to be in the top-yield group. The top-yield groups for the three-year, two-year, and one-year data include 14, 27, and 20 entries, respectively.

PIERRE (DAKOTA LAKES RESEARCH FARM) IRRIGATED, NO-TILL TRIAL

Group-I (Table 8)
Varieties averaged 70 bushels for three years and 68 bushels for two years. There were no significant yield differences among the varieties tested for either three- or two-years. Varieties had to average at least 63 bushels per acre (one-year) to be in the top-yield group. The top-yield group for the 2000 trial included 16 entries.

Group-II (Table 9)
Varieties had to average at least 76 bushels (three-year), 68 bushels (two-year), or 69 bushels per acre (one-year) to be in the top-yield group. The top-yield groups for the three-year, two-year, and one-year data include 5, 15, and 19 entries, respectively.

ARMOUR, NO-TILL TRIAL

Group-I (Table 10)

Varieties had to average at least 53 bushels (three-year), 48 bushels (two-year), or 49 bushels per acre (one-year) to be in the top-yield group. The top-yield groups for the three-year, two-year, and one-year data include 7, 6, and 22 entries, respectively.

Group-II (Table 11)

Varieties had to average at least 56 bushels (three-year), 51 bushels (two-year), or 54 bushels per acre (one-year) to be in the top-yield group. The top-yield groups for the three-year, two-year, and one-year data include 14, 11, and 29 entries, respectively.

BERESFORD (SE RESEARCH FARM)

Group-I (Table 12)

Varieties had to average at least 56 bushels (three-year), 50 bushels (two-year) or 56 bushels per acre (one-year) to be in the top-yield group. The top-yield groups for the three-year, two-year, and one-year data include 3, 6, and 12 entries, respectively.

Group-II (Table 13)

Varieties had to average at least 54 bushels (three-year), 47 bushels (two-year), or 55 bushels per acre (one-year) to be in the top-yield group. The top-yield groups for the three-year, two-year, and one-year data include 16, 33, and 35 entries, respectively.

ROUNDUP READY® SOYBEAN VARIETY PERFORMANCE TRIAL RESULTS

Note: Yields are three-year (1998-00), two-year (1999-00), or one-year (2000).

WATERTOWN (NE RESEARCH FARM)

Group-0 (Table 14)

Varieties averaged 46 bushels for two years. There were no significant yield differences among varieties tested for two years. Varieties had to average at least 38 bushels per acre to be in the top-yield group for 2000. The top-yield group for 2000 data includes 17 entries.

Group-I (Table 15)

Varieties averaged 41 bushels for two years. There were no significant yield differences among varieties tested for two years. Varieties had to average at least 37 bushels per acre to be in the top-yield group for 2000. The top-yield group for 2000 data includes 17 entries.

BROOKINGS (SDSU AGRONOMY FARM)

Group-0 (Table 16)

Varieties averaged 52 bushels for three years and 56 bushels for two-years. There were no significant yield differences among the varieties tested for either three- or two-years. Varieties had to average at least 61 bushels per acre (one-year) to be in the top-yield group. The top-yield group for the 2000 trial included 16 entries.

Group-I (Table 17)

Varieties averaged 50 bushels for three years and 51 bushels for two-years. There were no significant yield differences among the varieties tested for either three- or two-years. Varieties had to average at least 57 bushels per acre (one-year) to be in the top-yield group. The top-yield group for the 2000 trial included 22 entries.

ARMOUR, NO-TILL TRIAL

Group-I (Table 18)

Varieties averaged 49 bushels for three years and 42 bushels for two-years. There were no significant yield differences among the varieties tested for either three- or two-years. Varieties had to average at least 42 bushels per acre (one-year) to be in the top-yield group. The top-yield group for the 2000 trial included 24 entries.

Group-II (Table 19)

Varieties averaged 51 bushels for three years. There were no significant yield differences among the varieties tested three years. Varieties had to average at least 43 bushels per acre for both the two-year and one-year trials to be in the top-yield group. The top-yield groups for the two-year and one-year data include 22 and 32 entries, respectively.

BERESFORD (SE RESEARCH FARM)

Group-I (Table 20)

Varieties had to average at least 48 bushels (two-year) or 54 bushels per acre (one-year) to be in the top-yield group. The top-yield groups for the two-year and one-year data include 9 and 19 entries, respectively.

Group-II (Table 21)

Varieties had to average at least 47 bushels (two-year) or 55 bushels per acre (one-year) to be in the top-yield group. The top-yield groups for the two-year and one-year data include 22 and 45 entries, respectively.

Table A. Traits of public soybean varieties, data from uniform soybean tests—northern states.

Variety	Emergence	Shattering	Iron Chlorosis
Bell	5	3	1.5
Dawson	1	1	1.6
Hendricks	1	1	1.1
IA2021	2	1	4.1
Lambert	2	-	1.0
McCall	1	1	2.8
MN0901	3	2	3.7
Parker	5	-	-
Stride	1	1	3.6
Sturdy	5	1	3.0
Surge	1	1	2.4
Turner SCN	1	2	3.0

Emergence: 1 => 95% or more, 2 = 91-94%, 3 = 85-90%, 4 = 76-84%, and 5 =< 75%.
Shattering: 1 = none, 2 = 1-10%, 3 = 11-25%, 4= 26 -50%, and 5 => 51%.
Iron Chlorosis: 1 = little or no yellowing, 3 = moderate 5 = severe yellowing.
See additional comments in evaluation methods.

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

Table C. 2000 Conventional soybean entries by brand/variety, yield table location, and *Phytophthora* root rot race resistance.

No.	Brand / Variety	Yield table Number	Phytophthora Race resistance
1	ASGROW/A2553	11,13	1-11,13-15,17-18,21-22,24
2	ASGROW/A2869	11,13	1-11,13-15,17-18,21-22,24
3	COYOTE/9519	6,10	1-11,13-15,17-18,21-22,24
4	COYOTE/9525	11,13	Unknown or Not Reported
5	COYOTE/618EX	6,10,12	1-11,13-15,17-18,21-22,24
6	COYOTE/625EX	11,13	Unknown or Not Reported
7	COYOTE/725EX	11,13	Unknown or Not Reported
8	MUSTANG/M-1190	6	No Resistance
9	MUSTANG/M-2200	7,13	No Resistance
10	MUSTANG/M-0970	1,3,5	1-3,6-11,13,15,17,21,23-24
11	MUSTANG/M-0700	1	1-2,10-11,13,15-18,24
12	MUSTANG/M-0958	1,3,5	No Resistance
13	MUSTANG/M-1138	2,4,6	No Resistance
14	MUSTANG/M-2218	7,13	No Resistance
15	MUSTANG/M-2238	7,11,13	No Resistance
16	MUSTANG/M-2251	11,13	No Resistance
17	MUSTANG/M-1172	2,4,6	No Resistance
18	MUSTANG/M-1182	2,4,6	1-11,13-15,17-18,21-22,24
19	MUSTANG/M-2252	11,13	No Resistance
20	MALLARD/0910	2,4	No Resistance
21	MALLARD/1070	6	No Resistance
22	MALLARD/X1014	6	No Resistance
23	MALLARD/X1017	6	No Resistance
24	MALLARD/X2013	13	No Resistance
25	CROPLAN GENET./L2495	11,13	Unknown or Not Reported
26	CROPLAN GENET./L1969	2,4,6,12	1-11,13-15,17-18,21-22,24
27	CROPLAN GENET./L2195	7,13	1-2,10-11,13,15-18,24
28	CROPLAN GENET./L2546	11,13	1-2,10-11,13,15-18,24
29	DEKALB/CX232	9,11	No Resistance
30	DEKALB/CX166	2,4,6,8	No Resistance
31	DEKALB/DKB23-95	11,13	No Resistance
32	SANDS/SOI 169	6,10,12	Unknown or Not Reported
33	SANDS/SOI 098	1,5	Unknown or Not Reported
34	SANDS/SOI 222	10,12	Unknown or Not Reported
35	SANDS/SOI 144	2,6	Unknown or Not Reported
36	SANDS/EXP1799	6,12	Unknown or Not Reported
37	SANDS/SOI 243	7,11,13	Unknown or Not Reported
38	SANDS/SOI 234	7,13	Unknown or Not Reported
39	SANDS/EXP2599	11,13	Unknown or Not Reported
40	SANDS/EXP2891	11,13	Unknown or Not Reported
41	SANDS/EXP2399	7,11,13	Unknown or Not Reported
42	SANDS/EXP2890	11,13	Unknown or Not Reported
43	HY-VIGOR/2202	7,11,13	1-11,13-15,17-18,21-22,24
44	HY-VIGOR/270	11,13	Unknown or Not Reported
45	KRUGER/K-2021+	2,4,6,8,10,12	Unknown or Not Reported
46	KRUGER/K-2343+	7,9,11,13	Unknown or Not Reported
47	KRUGER/K-2535+	7,9,11,13	Unknown or Not Reported
48	KRUGER/K-2725	11	Unknown or Not Reported
49	KRUGER/K-0999+	1,3,5	Unknown or Not Reported
50	KRUGER/K-1333+	1,3,5	Unknown or Not Reported
51	KRUGER/K-2325+	4,6,8,10,12	Unknown or Not Reported
52	KRUGER/K-2425	7,9,11,13	Unknown or Not Reported
53	KRUGER/K-2525+	7,9,11,13	Unknown or Not Reported
54	KRUGER/K-1606	2,4,6,8,10,12	1-2,10-11,13,15-18,24

Table C (continued).

No.	Brand / Variety	Yield table Number	Phytophthora Race resistance
55	KRUGER/K-1777+	2,4,6,8,10	Unknown or Not Reported
56	KRUGER/K-2625	7,9,11,13	Unknown or Not Reported
57	KRUGER/K-2444	7,9,11,13	1-2,10-11,13,15-18,24
58	KRUGER/K-2555	7,9,11,13	Unknown or Not Reported
59	KRUGER/K-1707	2,4,6,8,10,12	Unknown or Not Reported
60	KRUGER/K-1991	2,4,6,8,10,12	1-2,10-11,13,15-18,24
61	KRUGER/K-1919	2,4,6,8,10,12	Unknown or Not Reported
62	KRUGER/K-2012	2,4,6,8,10,12	Unknown or Not Reported
63	KRUGER/EX.K-2505	7,9,11,13	Unknown or Not Reported
64	KRUGER/K-2515	7,9,11,13	Unknown or Not Reported
65	KRUGER/K-2555+	7,9,11,13	Unknown or Not Reported
66	KRUGER/K-2717+	13	Unknown or Not Reported
67	KRUGER/K-2711	13	Unknown or Not Reported
68	KRUGER/K-2770	13	Unknown or Not Reported
69	KRUGER/K-2707+	13	Unknown or Not Reported
70	KRUGER/EX.K-0808	1,3,5	Unknown or Not Reported
71	KRUGER/EX.K-0999A	1,3,5	Unknown or Not Reported
72	KRUGER/K-1415	1,3,5	1-2,10-11,13,15-18,24
73	KRUGER/K-1514	1,3,5	Unknown or Not Reported
74	LATHAM/250 BRAND	6,10,12	No Resistance
75	LATHAM/392 BRAND	6,10,12	No Resistance
76	LATHAM/660 BRAND	11	No Resistance
77	LATHAM/140 BRAND	6	No Resistance
78	LATHAM/830 BRAND	11,13	No Resistance
79	LATHAM/EX-290	6,12	No Resistance
80	LATHAM/EX-570	7,13	No Resistance
81	LATHAM/EX-630	11,13	No Resistance
82	LATHAM/EX-640A	11,13	No Resistance
83	LATHAM/EX-860	11,13	No Resistance
84	LATHAM/EX-930	13	No Resistance
85	LATHAM/EX-980	13	No Resistance
86	GOLD COUNTRY/GOODWIN	2,6	1-11,13-15,17-18,21-22,24
87	GOLD COUNTRY/SONORA	1,5	1-11,13-15,17-18,21-22,24
88	GOLD COUNTRY/BISCAY	2,6,8	No Resistance
89	GOLD COUNTRY/X3823	13	No Resistance
90	GOLD COUNTRY/X5117	2,6,8	1-3,6-11,13,15,17,21,23-24
91	DAIRYLAND/DSR-065	1,3,5	1-3,6-11,13,15,17,21,23-24
92	DAIRYLAND/DSR-180/STS	2,4,6	No Resistance
93	DAIRYLAND/DSR-218	11	No Resistance
94	DAIRYLAND/DSR-090	1,3,5	No Resistance
95	DAIRYLAND/DSR-243	7,11	No Resistance
96	TOP FARM/TF6077	1,5	1-3,6-11,13,15,17,21,23-24
97	TOP FARM/TF6197	2,6,12	No Resistance
98	TOP FARM/E1011	1,5	1-3,6-11,13,15,17,21,23-24
99	TOP FARM/E1021	2,6,12	1-3,6-11,13,15,17,21,23-24
100	TOP FARM/E1621	2,6,12	1-11,13-15,17-18,21-22,24
101	KALTENBERG/KB184	6,12	Unknown or Not Reported
102	KALTENBERG/KB090	1,5	Unknown or Not Reported
103	KALTENBERG/KB208	7	Unknown or Not Reported
104	KALTENBERG/KB148	2,6	Unknown or Not Reported
105	KALTENBERG/KB240	7,13	Unknown or Not Reported
106	KALTENBERG/KB111	2	Unknown or Not Reported
107	STINE/1386-6	2,4	Unknown or Not Reported
108	STINE/2180	7,11,13	Unknown or Not Reported
109	STINE/2490-1	9,13	Unknown or Not Reported

Table C (continued).

No.	Brand / Variety	Yield table Number	Phytophthora Race resistance
110	STINE/1101-6	3	Unknown or Not Reported
111	STINE/EX1000-0	1,3	Unknown or Not Reported
112	STINE/1700-6	2,4,6,8,10	No Resistance
113	HOEGEMEYER/202	11,13	Unknown or Not Reported
114	HOEGEMEYER/191	10	Unknown or Not Reported
115	HOEGEMEYER/232	11,13	Unknown or Not Reported
116	HOEGEMEYER/245	11,13	Unknown or Not Reported
117	PRAIRIE BR./PB202	7,9,11,13	No Resistance
118	PRAIRIE BR./PB194	4,6,8,10	No Resistance
119	PRAIRIE BR./PB098	1,3	No Resistance
120	PRAIRIE BR./PB146	2,4,6,8	No Resistance
121	PRAIRIE BR./PB174	2,4,6,8	No Resistance
122	PRAIRIE BR./PB216	7,9,11	No Resistance
123	PRAIRIE BR./PB218	7,9,11,13	No Resistance
124	PRAIRIE BR./PB237	7,9,11,13	No Resistance
125	PRAIRIE BR./PB087	1,3	No Resistance
126	PRAIRIE BR./PB217	7,9,11,13	No Resistance
127	PRAIRIE BR./PB252	11,13	1-11,13-15,17-18,21-22,24
128	PRAIRIE BR./PB1221	2,4	No Resistance
129	PRAIRIE BR./PB1421	4	1-2,10-11,13,15-18,24
130	PRAIRIE BR./PB180	2,4,6,8,10,12	1-2,10-11,13,15-18,24
131	PRAIRIE BR./PB184	6	1-11,13-15,17-18,21-22,24
132	PRAIRIE BR./PB191X	4,6	No Resistance
133	PRAIRIE BR./PB204X	6,8,10	No Resistance
134	PRAIRIE BR./PB220X	7,9,11,13	No Resistance
135	PRAIRIE BR./PB230	7,9,11,13	1-2,10-11,13,15-18,24
136	PRAIRIE BR./PB256	7,9,11,13	No Resistance
137	PRAIRIE BR./PB259	7,9,11,13	No Resistance
138	PRAIRIE BR./PB279	13	No Resistance
139	PROFISEED/PS2509	11,13	No Resistance
140	PROFISEED/PS2500	11,13	No Resistance
141	GREAT LAKES/GL2451	11,13	Unknown or Not Reported
142	GREAT LAKES/GL2131	7,11	Unknown or Not Reported
143	GREAT LAKES/GL2420 STS	7,13	Unknown or Not Reported
144	M-W GENETICS/G1410	6	Unknown or Not Reported
145	M-W GENETICS/G2380	13	Unknown or Not Reported
146	M-W GENETICS/G2215	13	Unknown or Not Reported
147	M-W GENETICS/G1915	6	Unknown or Not Reported
148	M-W GENETICS/G0906	1	Unknown or Not Reported
149	DYNA-GRO/3234	7,13	Unknown or Not Reported
150	KAUP/2474	9,11,13	Unknown or Not Reported
151	KAUP/2275	7,9,11,13	Unknown or Not Reported
152	KAUP/2507	7	Unknown or Not Reported
153	ZILLER/BT6120	2,6	1-3,6-11,13,15,17,21,23-24
154	ZILLER/BT2373	2,6	No Resistance
155	ZILLER/BT2911	12	No Resistance
156	JACOBSEN/J750	11,13	Unknown or Not Reported
157	JACOBSEN/J774	11,13	Unknown or Not Reported
158	JACOBSEN/J772	11,13	Unknown or Not Reported
159	JACOBSEN/J897	13	Unknown or Not Reported
160	MYCOGEN/200	7,9,11	No Resistance
161	MYCOGEN/5072	1,3,5	1-2,10-11,13,15-18,24
162	MYCOGEN/5121	2,4,6	1-11,13-15,17-18,21-22,24
163	MYCOGEN/5249	7,9,11,13	No Resistance
164	MYCOGEN/5261	7,11,13	No Resistance

Table C (continued).

No.	Brand / Variety	Yield table Number	Phytophthora Race resistance
165	MYCOGEN/5287	11,13	No Resistance
166	MYCOGEN/5093	1,3,5	1-3,6-11,13,15,17,21,23-24
167	MYCOGEN/5081	1,3,5	No Resistance
168	MYCOGEN/5155	2,4,6,8	No Resistance
169	MYCOGEN/5191	4,6,8,10,12	1-11,13-15,17-18,21-22,24
170	MYCOGEN/5212N	7,9,11	No Resistance
171	KAYSTAR/K-0700	1	1-3,6-11,13,15,17,21,23-24
172	KAYSTAR/K-1040	2	Unknown or Not Reported
173	WENSMAN/W 3148	2,4,6	No Resistance
174	WENSMAN/W 3070	1	1-3,6-11,13,15,17,21,23-24
175	WENSMAN/W 3100	1	No Resistance
176	WENSMAN/W 3170	2,4,6	No Resistance
177	DENBESTEN/DB2098	2,4,6,8,10,12	Unknown or Not Reported
178	DENBESTEN/DB1000	1,3,5	Unknown or Not Reported
179	DENBESTEN/DB1500	2,4,6,8,10,12	Unknown or Not Reported
180	DENBESTEN/DB2399	7,9,11,13	Unknown or Not Reported
181	DENBESTEN/DB2500	7,9,11,13	Unknown or Not Reported
182	DENBESTEN/DBX12A	2,4,6	1-11,13-15,17-18,21-22,24
183	DENBESTEN/DBX16A	2,4,6	1-11,13-15,17-18,21-22,24
184	DENBESTEN/DBX18A	2,4,6	1-11,13-15,17-18,21-22,24
185	DENBESTEN/DBX25A	9,11,13	Unknown or Not Reported
186	DENBESTEN/DBX28A	13	Unknown or Not Reported
187	DENBESTEN/DBX11A	1,3,5	Unknown or Not Reported
188	DENBESTEN/DBX22A	11,13	Unknown or Not Reported
189	DENBESTEN/DB1201	2,4,6	Unknown or Not Reported
190	DENBESTEN/DB1701	2,4,6,8,10,12	Unknown or Not Reported
191	DENBESTEN/DB2801	7,9,11,13	Unknown or Not Reported
192	US SEEDS/US S159	6,8	No Resistance
193	US SEEDS/US S199	6,8,12	No Resistance
194	US SEEDS/US S219	7,9,13	No Resistance
195	US SEEDS/US S250	11,13	No Resistance
196	US SEEDS/US S289	11,13	No Resistance
197	US SEEDS/US S120	2,4	1-11,13-15,17-18,21-22,24
198	LG SEEDS/LG 6148	2	Unknown or Not Reported
199	LG SEEDS/LGC 2200	9	Unknown or Not Reported
200	LG SEEDS/LG 6200	4	1-3,6-11,13,15,17,21,23-24
201	THOMPSON/T-3222	7,9,13	Unknown or Not Reported
202	THOMPSON/T-3182	6	1-2,10-11,13,15-18,24
203	THOMPSON/EX8148	6,12	1-11,13-15,17-18,21-22,24
204	THOMPSON/EX9242	12	Unknown or Not Reported
205	THOMPSON/T-3232	7,13	Unknown or Not Reported
206	THOMPSON/EX7331	13	Unknown or Not Reported
207	THOMPSON/T-3244	13	Unknown or Not Reported
208	DAKOTA/P10-01	5	1-11,13-15,17-18,21-22,24
209	DAHLCO/9120	2,6	1-11,13-15,17-18,21-22,24
210	DAHLCO/9210	7,13	1-11,13-15,17-18,21-22,24
211	DAHLCO/9140	2,6	1-11,13-15,17-18,21-22,24
212	DAHLCO/9122	2,6	1-11,13-15,17-18,21-22,24
213	PUBLIC/DAWSON,O-CK	1,3,5	1-2,10-11,13,15-18,24
214	PUBLIC/HENDRICKS	1,3,5	1-2,10-11,13,15-18,24
215	PUBLIC/LAMBERT	1,3,5	1-2,10-11,13,15-18,24
216	PUBLIC/MC CALL,OO-CK	1,3,5	No Resistance
217	PUBLIC/MN 0901	1,3,5	1-2,10-11,13,15-18,24
218	PUBLIC/SURGE-O-CK	1-6,8,10,12	1-2,10-11,13,15-18,24
219	PUBLIC/BELL-SCN	2,4,6,8,10,12	No Resistance
220	PUBLIC/PARKER,I-CK	1-13	1-2,10-11,13,15-18,24
221	PUBLIC/STRIDE	2,4,6,8,10,12	1-2,10-11,13,15-18,24
222	PUBLIC/IA2021	7,9,11,13	1-11,13-15,17-18,21-22,24
223	PUBLIC/JACK,III-CK	7,9,11,13	No Resistance
224	PUBLIC/STURDY,II-CK	2,4,6-13	1-2,10-11,13,15-18,24
225	PUBLIC/TURNER-SCN	7,9,11,13	1-3,6-11,13,15,17,21,23-24

Table D. 2000 Roundup Ready® soybean entries by brand/variety, yield table location, and Phytophthera root rot race resistance.

No.	Brand / Variety	Yield table Number	Phytophthora Race resistance
1	ASGROW/AG0901	14,16	1-11,13-15,17-18,21-22,24
2	ASGROW/AG0801	14,16	1-11,13-15,17-18,21-22,24
3	ASGROW/AG1301	15,17	1-2,10-11,13,15-18,24
4	ASGROW/AG1602	15,17	1-11,13-15,17-18,21-22,24
5	ASGROW/AG1801	15,17,18,20	1-2,10-11,13,15-18,24
6	ASGROW/AG2102	19,21	1-11,13-15,17-18,21-22,24
7	ASGROW/AG2103	19,21	1-11,13-15,17-18,21-22,24
8	ASGROW/AG2302	19,21	1-11,13-15,17-18,21-22,24
9	ASGROW/AG2602	19,21	1-11,13-15,17-18,21-22,24
10	ASGROW/AG2703	19,21	1-11,13-15,17-18,21-22,24
11	COYOTE/9419RR	17,18,20	Unknown or Not Reported
12	COYOTE/9626RR	19,21	1-11,13-15,17-18,21-22,24
13	MUSTANG/M-208RR	19	1-3,6-11,13,15,17,21,23-24
14	MUSTANG/M-244RR	21	No Resistance
15	MUSTANG/M-199RR	15,17,18,20	No Resistance
16	MUSTANG/M-079RR	14	1-11,13-15,17-18,21-22,24
17	MUSTANG/M-091RR	14,16	No Resistance
18	MUSTANG/M-119RR	15	1-11,13-15,17-18,21-22,24
19	MUSTANG/M-151RR	15,17	1-3,6-11,13,15,17,21,23-24
20	MUSTANG/M-179RR	15,17	No Resistance
21	MUSTANG/M-239RR	19,21	1-11,13-15,17-18,21-22,24
22	MUSTANG/M-271RR	19,21	1-11,13-15,17-18,21-22,24
23	MUSTANG/M-222RR	19,21	No Resistance
24	MUSTANG/M-082RR	14,16	1-11,13-15,17-18,21-22,24
25	MUSTANG/M-132RR	15,17	No Resistance
26	MUSTANG/M-142RR	15,17	1-11,13-15,17-18,21-22,24
27	MUSTANG/M-152RR	15,17	No Resistance
28	MUSTANG/E-212RR	19,21	1-2,10-11,13,15-18,24
29	MUSTANG/E-242RR	19,21	No Resistance
30	MUSTANG/E-272RR	19,21	1-11,13-15,17-18,21-22,24
31	MALLARD/RRX1011	15	1-3,6-11,13,15,17,21,23-24
32	MALLARD/RRX1511	17	No Resistance
33	MALLARD/RRX1912	17,18	1-11,13-15,17-18,21-22,24
34	MALLARD/RRX2212	19,21	1-11,13-15,17-18,21-22,24
35	CROPLAN GENET./RT0744	14,16	1-11,13-15,17-18,21-22,24
36	CROPLAN GENET./RT0874	14,16	1-11,13-15,17-18,21-22,24
37	CROPLAN GENET./RT1825	17,20	1-2,10-11,13,15-18,24
38	CROPLAN GENET./RT1948	17,20	1-2,10-11,13,15-18,24
39	CROPLAN GENET./RT2241	19,21	1-2,10-11,13,15-18,24
40	CROPLAN GENET./RT2454	19,21	1-11,13-15,17-18,21-22,24
41	DEKALB/CX198RR	15,17,18,20	No Resistance
42	DEKALB/DKB06-51	14,16	1-11,13-15,17-18,21-22,24
43	DEKALB/DKB16-51	15,17	No Resistance
44	DEKALB/DKB19-51	15,17,18,20	1-11,13-15,17-18,21-22,24
45	DEKALB/DKB23-51	19,21	1-2,10-11,13,15-18,24
46	DEKALB/DKB26-51	19,21	1-11,13-15,17-18,21-22,24
47	DEKALB/DKB28-51	19,21	1-11,13-15,17-18,21-22,24
48	DEKALB/DKB26-52	19,21	1-2,10-11,13,15-18,24
49	SANDS/SOI 275RR	19	Unknown or Not Reported
50	SANDS/EXP 0909RR	16	Unknown or Not Reported
51	SANDS/SOI 211RR	15,17,20	Unknown or Not Reported
52	SANDS/SOI 248RR	19	Unknown or Not Reported
53	SANDS/RXP 1310RR	17	Unknown or Not Reported
54	SANDS/RXP 1515RR	17,18,20	Unknown or Not Reported

Table D (continued).

No.	Brand / Variety	Yield table Number	Phytophthora Race resistance
55	SANDS/RXP 1800RR	15,17,18,20	1-11,13-15,17-18,21-22,24
56	SANDS/EXP 2111RR	19,21	Unknown or Not Reported
57	SANDS/SOI 226RR	19,21	Unknown or Not Reported
58	SANDS/RXP 2800RR	19,21	Unknown or Not Reported
59	SANDS/SOI 244RR	19,21	1-11,13-15,17-18,21-22,24
60	SANDS/RXP 2789RR	19,21	1-11,13-15,17-18,21-22,24
61	SANDS/RXP 2526RR	19,21	1-11,13-15,17-18,21-22,24
62	SANDS/RXP 1911RR	18,20	Unknown or Not Reported
63	HY-VIGOR/2063RR	17	1-11,13-15,17-18,21-22,24
64	HY-VIGOR/222RR	19,21	1-11,13-15,17-18,21-22,24
65	HY-VIGOR/266RR	19,21	Unknown or Not Reported
66	HY-VIGOR/2940RR	21	Unknown or Not Reported
67	KRUGER/K-099+RR	14,16	No Resistance
68	KRUGER/K-202RR	18,20	No Resistance
69	KRUGER/K-250RR	19,21	No Resistance
70	KRUGER/K-289RR	19,21	1-11,13-15,17-18,21-22,24
71	KRUGER/K-099ARR	14,16	No Resistance
72	KRUGER/K-100RR	14,16	1-3,6-11,13,15,17,21,23-24
73	KRUGER/K-101RR	14,16	1-11,13-15,17-18,21-22,24
74	KRUGER/K-223RR	15,17,18,20	No Resistance
75	KRUGER/K-202+RR	15,17,18,20	No Resistance
76	KRUGER/K-222+RR	15,17,18,20	1-11,13-15,17-18,21-22,24
77	KRUGER/K-220RR	20	1-2,10-11,13,15-18,24
78	KRUGER/K-266RR	19,21	1-11,13-15,17-18,21-22,24
79	KRUGER/K-292+RR	19,21	No Resistance
80	KRUGER/K-088RR	14,16	1-11,13-15,17-18,21-22,24
81	KRUGER/EX.K-122RR	14,16	1-11,13-15,17-18,21-22,24
82	KRUGER/K-133RR	14,16	Unknown or Not Reported
83	KRUGER/EX.K-141+RR	15,17,18	1-11,13-15,17-18,21-22,24
84	KRUGER/EX.K-155+RR	15,17,18	Unknown or Not Reported
85	KRUGER/K-166RR	15,17,18,20	1-3,6-11,13,15,17,21,23-24
86	KRUGER/K-177RR	15,17,18,20	Unknown or Not Reported
87	KRUGER/EX.K-188RR	15,17,18,20	Unknown or Not Reported
88	KRUGER/K-199+RR	15,17,18,20	Unknown or Not Reported
89	KRUGER/EX.K-211ARR	15,17,18,20	1-2,10-11,13,15-18,24
90	KRUGER/K-221+RR	15,17,18,20	1-11,13-15,17-18,21-22,24
91	KRUGER/EX.K-221RR	15,17,18,20	Unknown or Not Reported
92	KRUGER/K-223+RR	15,17,18,20	Unknown or Not Reported
93	KRUGER/K-232RR	15,17,18,20	Unknown or Not Reported
94	KRUGER/K-222RR	15,17,18,20	Unknown or Not Reported
95	KRUGER/K-266+RR	19,21	1-11,13-15,17-18,21-22,24
96	KRUGER/K-244RR	19,21	1-2,10-11,13,15-18,24
97	KRUGER/K-256RR	19,21	Unknown or Not Reported
98	KRUGER/K-255RR	19,21	Unknown or Not Reported
99	KRUGER/EX.K-257RR	19,21	1-11,13-15,17-18,21-22,24
100	KRUGER/EX.K-252+RR	19,21	Unknown or Not Reported
101	KRUGER/K-269RR	19,21	1-11,13-15,17-18,21-22,24
102	KRUGER/K-262+RR	19,21	1-2,10-11,13,15-18,24
103	KRUGER/K-279RR	19,21	1-11,13-15,17-18,21-22,24
104	KRUGER/K-277RR	19,21	Unknown or Not Reported
105	KRUGER/EX.K-270RR	19,21	1-11,13-15,17-18,21-22,24
106	KRUGER/K-271RR	19,21	1-2,10-11,13,15-18,24
107	KRUGER/K-282RR	19,21	1-11,13-15,17-18,21-22,24
108	KRUGER/EX.K-282+RR	19,21	1-11,13-15,17-18,21-22,24
109	KRUGER/K-288RR	19,21	Unknown or Not Reported

Table D (continued).

No.	Brand / Variety	Yield table Number	Phytophthora Race resistance
110	KRUGER/K-299+RR	19,21	1-11,13-15,17-18,21-22,24
111	LATHAM/337RR BRAND	17,20	No Resistance
112	LATHAM/457RR BRAND	19,21	No Resistance
113	LATHAM/EX-137RR	17	No Resistance
114	LATHAM/EX-187RR	17	No Resistance
115	LATHAM/EX-407RR	17,20	1-11,13-15,17-18,21-22,24
116	LATHAM/EX-467RR	19,21	No Resistance
117	LATHAM/EX-507RR	19,21	No Resistance
118	LATHAM/EX-667ARR	19,21	1-11,13-15,17-18,21-22,24
119	LATHAM/EX-697RR	19,21	1-2,10-11,13,15-18,24
120	LATHAM/EX-807RR	19,21	1-11,13-15,17-18,21-22,24
121	LATHAM/EX-837RR	21	No Resistance
122	LATHAM/EX-947RR	21	1-11,13-15,17-18,21-22,24
123	GOLD COUNTRY/6016RR	15,17	1-3,6-11,13,15,17,21,23-24
124	GOLD COUNTRY/2109RR	14,16	No Resistance
125	GOLD COUNTRY/2110RR	14,16	1-3,6-11,13,15,17,21,23-24
126	GOLD COUNTRY/3811RR	14,16	No Resistance
127	GOLD COUNTRY/2115RR	15,17	No Resistance
128	GOLD COUNTRY/1122RR	21	No Resistance
129	DAIRYLAND/DSR-215/RR	17,18	No Resistance
130	DAIRYLAND/DSR-241/RR	19	1-11,13-15,17-18,21-22,24
131	DAIRYLAND/DSR-197/RR	17,18	No Resistance
132	DAIRYLAND/DSR-130/RR	15,17	No Resistance
133	DAIRYLAND/DSR-228/RR	19,21	No Resistance
134	DAIRYLAND/DSR-272/RR	19,21	No Resistance
135	TOP FARM/TF6179RR	15,17,20	1-11,13-15,17-18,21-22,24
136	TOP FARM/TF6190RR	15,17,20	No Resistance
137	TOP FARM/TF6149RR	15,17,20	1-11,13-15,17-18,21-22,24
138	TOP FARM/E1971RR	15,17,20	No Resistance
139	TOP FARM/E8138RR	15,17,20	No Resistance
140	TOP FARM/E3753RR	15,17,20	No Resistance
141	TOP FARM/E3193RR	15,17,20	1-11,13-15,17-18,21-22,24
142	KALTENBERG/KB249RR	21	Unknown or Not Reported
143	KALTENBERG/KB100RR	15	1-3,6-11,13,15,17,21,23-24
144	KALTENBERG/KB150RR	15,17	Unknown or Not Reported
145	KALTENBERG/KB210RR	21	Unknown or Not Reported
146	KALTENBERG/KB261RR	21	1-11,13-15,17-18,21-22,24
147	STINE/0990-4	14,16	Unknown or Not Reported
148	STINE/2300-4	19,21	No Resistance
149	STINE/0700-4	14	Unknown or Not Reported
150	STINE/1506-4	15,17	Unknown or Not Reported
151	STINE/1700-4	18	No Resistance
152	STINE/2016-4	20	No Resistance
153	STINE/2416-4	21	1-11,13-15,17-18,21-22,24
154	STINE/2500-4	21	Unknown or Not Reported
155	HOEGEMEYER/207RR	19,21	Unknown or Not Reported
156	HOEGEMEYER/241RR	19,21	1-11,13-15,17-18,21-22,24
157	HOEGEMEYER/230RR	19,21	Unknown or Not Reported
158	HOEGEMEYER/283RR	19,21	1-11,13-15,17-18,21-22,24
159	GOLDEN HARVEST/H0979RR	14,16	No Resistance
160	GOLDEN HARVEST/H1565RR	15,17,18	1-3,6-11,13,15,17,21,23-24
161	GOLDEN HARVEST/H1274RR	19,21	No Resistance
162	GOLDEN HARVEST/H1911RR	17,18,20	No Resistance
163	GOLDEN HARVEST/X92304RR	19,21	No Resistance
164	GOLDEN HARVEST/X92888RR	21	1-11,13-15,17-18,21-22,24

Table D (continued).

No.	Brand / Variety	Yield table Number	Phytophthora Race resistance
165	GOLDEN HARVEST/X91202RR	15,17	No Resistance
166	GOLDEN HARVEST/H0537RR	14	No Resistance
167	PRAIRIE BR./PB1920RR	17	1-3,6-11,13,15,17,21,23-24
168	PRAIRIE BR./PB0730RR	14	1-11,13-15,17-18,21-22,24
169	PRAIRIE BR./PB0910XRR	14,16	No Resistance
170	PRAIRIE BR./PB0920RR	14	No Resistance
171	PRAIRIE BR./PB1030RR	14,16	1-3,6-11,13,15,17,21,23-24
172	PRAIRIE BR./PB1620RR	15,17	1-3,6-11,13,15,17,21,23-24
173	PRAIRIE BR./PB2002RR	17	1-11,13-15,17-18,21-22,24
174	PRAIRIE BR./PB2097XRR	17,18,20	Unknown or Not Reported
175	PRAIRIE BR./PB1930XRR	15,17,18,20	1-11,13-15,17-18,21-22,24
176	PRAIRIE BR./PB2290RR	19	No Resistance
177	PRAIRIE BR./PB2297RR	19,21	No Resistance
178	PRAIRIE BR./PB2397RR	19,21	No Resistance
179	PRAIRIE BR./PB2430RR	19,21	1-11,13-15,17-18,21-22,24
180	PRAIRIE BR./PB2620RR	19,21	1-2,10-11,13,15-18,24
181	PRAIRIE BR./PB2717RR	19,21	1-11,13-15,17-18,21-22,24
182	PRAIRIE BR./PB2779RR	19,21	No Resistance
183	PRAIRIE BR./PB0330XRR	14	No Resistance
184	PRAIRIE BR./PB0550RR	14	1-11,13-15,17-18,21-22,24
185	PRAIRIE BR./PB0810RR	14,16	1-11,13-15,17-18,21-22,24
186	PRAIRIE BR./PB0990XRR	14,16	No Resistance
187	PRAIRIE BR./PB1202RR	15	1-11,13-15,17-18,21-22,24
188	PRAIRIE BR./PB1246RR	15,17	No Resistance
189	PRAIRIE BR./PB1402RR	17	1-2,10-11,13,15-18,24
190	PRAIRIE BR./PB1540RR	15,17	No Resistance
191	PRAIRIE BR./PB1901RR	15,17,18,20	1-11,13-15,17-18,21-22,24
192	PRAIRIE BR./PB1911XRR	15,17,18	No Resistance
193	PRAIRIE BR./PB2121RR	17,18,20	No Resistance
194	PRAIRIE BR./PB2101RR	17,18,20	1-2,10-11,13,15-18,24
195	PRAIRIE BR./PB2117XRR	19,21	No Resistance
196	PRAIRIE BR./PB2299XRR	19,21	1-2,10-11,13,15-18,24
197	PRAIRIE BR./PB2404XRR	19,21	No Resistance
198	PRAIRIE BR./PB2510RR	19,21	1-2,10-11,13,15-18,24
199	PRAIRIE BR./PB2505XRR	19,21	1-11,13-15,17-18,21-22,24
200	PRAIRIE BR./PB2590XRR	19,21	No Resistance
201	PRAIRIE BR./PB2730RR	19,21	1-11,13-15,17-18,21-22,24
202	PRAIRIE BR./PB1046XRR	14,16	Unknown or Not Reported
203	PRAIRIE BR./PB2009XRR	17,18	Unknown or Not Reported
204	PRAIRIE BR./PB2000XRR	17,18	Unknown or Not Reported
205	PRAIRIE BR./PB2715XRR	19,21	Unknown or Not Reported
206	PRAIRIE BR./PB2022XRR	19,21	Unknown or Not Reported
207	PRAIRIE BR./PB2021XRR	19,21	Unknown or Not Reported
208	PRAIRIE BR./PB2700XRR	19,21	Unknown or Not Reported
209	PRAIRIE BR./PB202-2XRR	17,18,20	Unknown or Not Reported
210	PROFISEED/PS 4206	18,20	No Resistance
211	PROFISEED/PS 4199	17,18	1-2,10-11,13,15-18,24
212	PROFISEED/PS X42	19,21	1-2,10-11,13,15-18,24
213	PROFISEED/PS 4090	14	No Resistance
214	PROFISEED/PS 4091	14	1-3,6-11,13,15,17,21,23-24
215	GREAT LAKES/GL2300RR	19,21	1-11,13-15,17-18,21-22,24
216	GREAT LAKES/GL2102RR	19,21	Unknown or Not Reported
217	GREAT LAKES/GL2502RR	19,21	1-11,13-15,17-18,21-22,24
218	GREAT LAKES/GL2919RR	21	1-3,6-11,13,15,17,21,23-24
219	M-W GENETICS/G2424R	21	Unknown or Not Reported

Table D (continued).

No.	Brand / Variety	Yield table Number	Phytophthora Race resistance
220	M-W GENETICS/G2245R	21	Unknown or Not Reported
221	M-W GENETICS/G0945R	14,16	Unknown or Not Reported
222	M-W GENETICS/G1710R	17	Unknown or Not Reported
223	M-W GENETICS/G1100R	15	Unknown or Not Reported
224	DYNA-GRO/DG3196RR	17	Unknown or Not Reported
225	DYNA-GRO/DG3232RR	19,21	Unknown or Not Reported
226	DYNA-GRO/DG3212RR	19,21	Unknown or Not Reported
227	DYNA-GRO/DG3193RR	17	1-11,13-15,17-18,21-22,24
228	KAUP/237R	19,21	Unknown or Not Reported
229	KAUP/188R	17	Unknown or Not Reported
230	KAUP/203R	17,18,20	1-11,13-15,17-18,21-22,24
231	KAUP/254R	19,21	1-11,13-15,17-18,21-22,24
232	ZILLER/BT 7101R	15,17	Unknown or Not Reported
233	ZILLER/BT 7150R	15,17	1-3,6-11,13,15,17,21,23-24
234	ZILLER/BT 7191R	17,20	Unknown or Not Reported
235	ZILLER/BT 7211R	21	Unknown or Not Reported
236	JACOBSEN/J699RR	18,20	Unknown or Not Reported
237	JACOBSEN/J792RR	19,21	Unknown or Not Reported
238	JACOBSEN/J794RR	21	1-11,13-15,17-18,21-22,24
239	JACOBSEN/J702RR	19,21	Unknown or Not Reported
240	JACOBSEN/J896RR	21	Unknown or Not Reported
241	JACOBSEN/J808RR	21	1-11,13-15,17-18,21-22,24
242	MYCOGEN/ATLAS 5115RR	15,17	No Resistance
243	MYCOGEN/ATLAS 5141RR	15,17	No Resistance
244	MYCOGEN/ATLAS 5173RR	15,17	No Resistance
245	MYCOGEN/ATLAS 5097RR	14,16	No Resistance
246	MYCOGEN/ATLAS 5204RR	19,21	No Resistance
247	MYCOGEN/ATLAS 5240RR	19,21	1-11,13-15,17-18,21-22,24
248	MYCOGEN/ATLAS 5280RR	19,21	1-11,13-15,17-18,21-22,24
249	KAYSTAR/K-0950RR	14,16	Unknown or Not Reported
250	KAYSTAR/K-0955RR	14,16	Unknown or Not Reported
251	KAYSTAR/K-1750RR	15,17	Unknown or Not Reported
252	KAYSTAR/K-2650RR	21	1-11,13-15,17-18,21-22,24
253	KAYSTAR/K-2850RR	21	1-11,13-15,17-18,21-22,24
254	KAYSTAR/K-2251RR	19	Unknown or Not Reported
255	WENSMAN/W 2098RR	14,16	No Resistance
256	WENSMAN/W 2198RR	15,17	No Resistance
257	WENSMAN/W 2070RR	14	1-11,13-15,17-18,21-22,24
258	WENSMAN/W 2075RR	14	1-11,13-15,17-18,21-22,24
259	WENSMAN/W 2100RR	14,16	1-3,6-11,13,15,17,21,23-24
260	WENSMAN/W 2140RR	15,17	No Resistance
261	WENSMAN/W 2160RR	15,17	1-3,6-11,13,15,17,21,23-24
262	DENBESTEN/DB0900RR	14,16	Unknown or Not Reported
263	DENBESTEN/DB1200RR	15,17	1-11,13-15,17-18,21-22,24
264	DENBESTEN/DB2200RR	19,21	Unknown or Not Reported
265	DENBESTEN/DB2899RR	19,21	1-11,13-15,17-18,21-22,24
266	DENBESTEN/DBX08RR	14,16	1-11,13-15,17-18,21-22,24
267	DENBESTEN/DBX12RR	14,16	1-11,13-15,17-18,21-22,24
268	DENBESTEN/DBX19ARR	15,17,18	Unknown or Not Reported
269	DENBESTEN/DBX21ARR	19,21	1-2,10-11,13,15-18,24
270	DENBESTEN/DBX24ARR	19,21	Unknown or Not Reported
271	DENBESTEN/DBX13ARR	15,17	Unknown or Not Reported
272	DENBESTEN/DBX18ARR	15,17,18,20	Unknown or Not Reported
273	DENBESTEN/DB1301RR	15,17	1-11,13-15,17-18,21-22,24
274	DENBESTEN/DB1601RR	15,17,18,20	Unknown or Not Reported

Table D (continued).

No.	Brand / Variety	Yield table Number	Phytophthora Race resistance
275	DENBESTEN/DB2001RR	15,17,18,20	Unknown or Not Reported
276	DENBESTEN/DB2401RR	19,21	1-11,13-15,17-18,21-22,24
277	DENBESTEN/DB2601RR	19,21	1-11,13-15,17-18,21-22,24
278	US SEEDS/US S0909RR	14,16	No Resistance
279	US SEEDS/US S2009RR	19,21	No Resistance
280	US SEEDS/US S2409RR	19,21	No Resistance
281	US SEEDS/US S2709RR	21	1-11,13-15,17-18,21-22,24
282	US SEEDS/US E1501RR	15,17,18	No Resistance
283	US SEEDS/US E1901RR	15,17,18,20	1-11,13-15,17-18,21-22,24
284	US SEEDS/US E2101RR	19,21	No Resistance
285	US SEEDS/US E2201RR	19,21	No Resistance
286	US SEEDS/US E2801RR	21	No Resistance
287	LG SEEDS/LG 6222CRR	21	Unknown or Not Reported
288	LG SEEDS/LG 6199RR	15	Unknown or Not Reported
289	LG SEEDS/LGC 2425RR	19	1-11,13-15,17-18,21-22,24
290	LG SEEDS/LGC 2626RR	19	1-11,13-15,17-18,21-22,24
291	THOMPSON/T-3200RR	17,18,20	Unknown or Not Reported
292	THOMPSON/T-3180RR	17,20	Unknown or Not Reported
293	THOMPSON/EX0721RR	20	Unknown or Not Reported
294	THOMPSON/T-3213RR	21	Unknown or Not Reported
295	THOMPSON/T-3230RR	21	1-11,13-15,17-18,21-22,24
296	THOMPSON/T-3242RR	21	1-11,13-15,17-18,21-22,24
297	DAHLCO/9090RR	14,16	Unknown or Not Reported
298	DAHLCO/9146RR	15,17	1-11,13-15,17-18,21-22,24
299	DAHLCO/9160RR	15,17	1-11,13-15,17-18,21-22,24
300	DAHLCO/9145RR	17,20	Unknown or Not Reported
301	SODAK GENETICS/SD1091RR	14,16	1-2,10-11,13,15-18,24

Table E. Mailing addresses of seed companies entered in the 2000 soybean trials according to seed brand name.

Seed brand	Mailing address
Asgrow	Monsanto, 3100 Sycamore Rd, Dekalb, IA 60115
Coyote	Coyote Seed Mills, Inc., PO Box 16, Bridgewater, SD 57319-0016
Croplan Genet.	Croplan Genetics, P.O. Box 64406, St. Paul, MN 55164-0406
Dairyland	Dairyland Seed Co., Inc., 209 Main Street, Gilber, IA 50105
Dekalb	Monsanto, 3100 Sycamore Rd, Dekalb, IA 60115
DenBesten	Den Besten Seed Co.,Box 896, Platte, SD 57369
Mustang	Domestic Seed and Supply, PO Box 466, Madison, SD 57042
Dakota	Dakota Seed, 405 5th Street SE, Watertown, SD 57201
Dahlco	Dahlco Seeds, 14730 15th Street SW, Cokato, MN 55321
Dyna-Gro	UAP Seed, PO Box 1528, Fremont, NE 68026
Gold Country	Gold Country Seed Inc., 16506 Hwy 15 N, 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
Hoegemeyer	Hoegemeyer Hybrids, 1755 Hoegemeyer Rd, Hooper, NE 68031-2125
Hy-Vigor	Hy-Vigor Seed Inc., 4970 Redwood Ave, Paullina, IA 51046
Jacobsen	Jacobsen Hybrid Corn Co. Inc., 109 9th St, Lake View, IA 51450
Kaltenberg	Kaltenberg Seeds, 5506 State Hwy 19, Waunakee, WI 53597
Kaup	Kaup Seed, 1101 South Beemer St, West Point, NE 68788
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
LG Seeds	LG Seeds/Callahan, 1620 Hwy 10, Gibbon, NE 68840
Mallard	Mallard Seed Co., P.O. Box 637, Plainview, MN 55964
Midwest	Midwest Seed Genetics, PO Box 518, Carroll, IA 51401
Mycogen	Mycogen Seeds, 1340 Corp Center Curve, Eagan, MN 55121-1233
Prairie Brand	Prairie Brand Seed Co., 15 X Ave, Story City, IA 50248
Profiseed	Profiseed Inc., 1691 Hwy 65 N, Hampton, IA 50441
Sand SOI	Sand Seed Service, Inc., Box 648, Marcus, IA 51035
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, P.O. Box 850, Cokato, MN 55321
US Seeds	United Suppliers Inc., P.O. Box 538, Eldora, IA 50627-0538
Wensman	Wensman Seed Co., PO Box 190, Wadena, MN 56482
Ziller	Ziller Seed Co., 76374 380th Street, Bird Island, MN 55310

Table 1. Watertown, maturity group-0 test results, 1998-2000. N.E. Research Farm, seeded May 17.

Brand / Entry*	Yield - bu/a (13% moisture) 3yr.	2yr.	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 -- Maturity -- Days after seeding	2000 -- Maturity -- Rel. Mat. Sc.##
			Entries tested three years						
KALTENBERG/KB090	52	48	40	34.4	17.1	32	1	118	0.6
KRUGER/K-0999+	51	47	40	35.1	16.9	33	1	118	0.6
SANDS/SOI 098	51	46	41	35.2	17.1	32	1	116	0.5
MUSTANG/M-0958	51	47	38	34.8	17.2	33	1	117	0.6
MUSTANG/M-0970	50	47	38	34.1	17.4	34	1	117	0.6
PRAIRIE BR./PB098	48	44	38	34.5	17.4	33	1	119	0.7
PUBLIC/SURGE-0-CK	48	46	39	35.7	16.8	36	1	115	0.5
MUSTANG/M-0700	48	45	40	34.6	18.1	35	1	113	0.4
TOP FARM/TF6077	47	42	38	33.2	18.1	37	2	115	0.4
PUBLIC/MN 0901	46	42	37	35.1	17.5	37	2	117	0.6
DAIRYLAND/DSR-065	46	41	36	32.8	18.0	33	1	115	0.5
PUBLIC/HENDRICKS	44	40	37	34.8	17.5	34	2	115	0.5
PUBLIC/PARKER,I-CK*	44	41	31	34.9	17.0	39	3	124	1.6
GOLD COUNTRY/SONORA	44	39	28	35.2	17.1	31	1	115	0.4
PUBLIC/DAWSON,O-CK*	44	41	35	35.3	16.6	38	4	114	0.4
PUBLIC/LAMBERT	40	37	30	34.8	17.3	36	2	115	0.4
PUBLIC/MC CALL,OO-CK*	37	34	30	34.3	16.9	35	3	107	0.0
			Entries tested two years						
PRAIRIE BR./PB087	.	47	39	33.7	17.6	32	1	117	0.6
DENBESTEN/DB1000	.	46	40	34.6	17.4	33	1	118	0.6
MYCOGEN/5093	.	43	37	35.0	17.0	35	1	114	0.4
			Entries tested one year						
MYCOGEN/5072	.	.	41	.	.	34	1	114	0.4
MYCOGEN/5081	.	.	40	.	.	36	1	115	0.5
STINE/EX1000-0	.	.	40	.	.	32	1	115	0.5
KRUGER/EX.K-0999A	.	.	39	.	.	33	1	118	0.6
M-W GENETICS/G0906	.	.	39	.	.	32	1	118	0.6
KRUGER/EX.K-0808	.	.	39	.	.	34	1	116	0.5
KAYSTAR/K-0700	.	.	38	.	.	37	2	114	0.4
KRUGER/K-1514	.	.	38	.	.	35	1	121	0.8
WENSMAN/W 3100	.	.	37	.	.	32	1	117	0.6
KRUGER/K-1333+	.	.	37	.	.	33	1	125	1.0
TOP FARM/E1011	.	.	37	.	.	36	1	117	0.6
WENSMAN/W 3070	.	.	37	.	.	34	1	114	0.4
KRUGER/K-1415	.	.	36	.	.	34	1	121	0.8
DENBESTEN/DBX11A	.	.	35	.	.	34	1	122	0.8
DAIRYLAND/DSR-090	.	.	34	.	.	32	1	116	0.5
Test average:	46	42	36	34.8	17.2	35	1		
LSD(5%) value ($):	4	5	4						
Min.top-yield value ($):	48	43	37						
Coef. of variation (#):	5	6	6						

* Ck/SCN = maturity check / soybean cyst nematode resistant, respectively.
$/+ 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.
See maturity section for relative maturity score explanation.

Table 2. Watertown, maturity group-I test results, 1998-2000. N.E. Research Farm, seeded May 16.

Brand / Entry*	Yield - bu/a (13% moisture) 3yr.	2yr.	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 -- Maturity -- Days after seeding	2000 -- Maturity -- Rel. Mat. Sc.##
			Entries tested three years						
STINE/1386-6	52	48	37	35.3	16.6	32	1	123	1.5
PRAIRIE BR./PB146	50	47	37	35.5	16.8	34	1	124	1.6
MUSTANG/M-1138	50	47	35	35.0	16.9	33	1	125	1.6
GOLD COUNTRY/GOODWIN	50	46	37	34.3	17.0	37	2	117	1.1
MYCOGEN/5121	50	47	38	34.0	17.3	34	1	121	1.4
WENSMAN/W 3148	50	46	34	35.2	16.9	34	1	124	1.6
MALLARD/0910	49	45	38	33.9	17.7	37	1	116	1.1
KRUGER/K-2021+	49	44	35	35.0	15.3	34	1	128	1.9
PUBLIC/STRIDE	49	45	36	32.3	18.0	36	2	118	1.2
GOLD COUNTRY/BISCAY	49	46	36	35.4	16.6	34	1	123	1.5
DAIRYLAND/DSR-180/STS	48	44	38	35.1	15.9	35	2	125	1.6
PUBLIC/PARKER,I-CK*	46	44	35	34.0	16.9	40	3	124	1.6
PUBLIC/STURDY,II-CK*	41	39	32	36.0	16.3	42	2	130	2.3
PUBLIC/BELL-SCN	39	37	29	35.9	16.1	33	1	127	1.8
			Entries tested two years						
DENBESTEN/DB1500	.	48	36	34.4	17.3	33	1	122	1.5
KALTENBERG/KB148	.	48	36	34.4	17.2	33	1	124	1.6
DEKALB/CX166	.	47	39	34.7	17.0	35	1	126	1.7
KRUGER/K-1606	.	47	37	36.1	15.0	31	1	125	1.6
LG SEEDS/LG 6148	.	47	36	35.4	16.7	35	1	123	1.5
KRUGER/K-1777+	.	47	37	34.1	16.9	37	1	126	1.7
PUBLIC/SURGE-0-CK	.	45	37	35.1	17.4	35	1	115	0.5
			Entries tested one year						
KRUGER/K-1991	.	.	41	.	.	32	1	124	1.6
DENBESTEN/DB1201	.	.	40	.	.	34	1	118	1.2
KALTENBERG/KB111	.	.	39	.	.	34	1	119	1.3
DAHLCO/9120	.	.	39	.	.	36	2	119	1.2
STINE/1700-6	.	.	38	.	.	31	1	125	1.6
KRUGER/K-1919	.	.	38	.	.	31	1	125	1.7
WENSMAN/W 3170	.	.	38	.	.	35	1	127	1.8
PRAIRIE BR./PB174	.	.	38	.	.	35	1	126	1.7
KRUGER/K-1707	.	.	37	.	.	35	1	119	1.3
ZILLER/BT2373	.	.	37	.	.	36	1	127	1.8
DAHLCO/9122	.	.	37	.	.	31	1	120	1.3
GOLD COUNTRY/X5117	.	.	36	.	.	33	1	125	1.6
US SEEDS/US S120	.	.	36	.	.	33	1	121	1.4
PRAIRIE BR./PB1221	.	.	36	.	.	34	1	122	1.4
SANDS/SOI 144	.	.	36	.	.	33	1	124	1.6
MUSTANG/M-1172	.	.	35	.	.	36	1	125	1.7
DENBESTEN/DB2098	.	.	35	.	.	34	1	128	1.8
KAYSTAR/K-1040	.	.	35	.	.	36	1	117	1.1
KRUGER/K-2012	.	.	35	.	.	32	1	126	1.7
ZILLER/BT6120	.	.	35	.	.	37	1	120	1.3

Table 2 (continued).

Brand / Entry*	Yield - bu/a (13% moisture) 3yr.	2yr.	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity -- Days after seeding	2000 Maturity -- Rel. Mat. Sc.##
DENBESTEN/DBX12A	.	.	35	.	.	34	1	118	1.2
DENBESTEN/DB1701	.	.	34	.	.	34	1	125	1.7
DAHLCO/9140	.	.	34	.	.	32	1	124	1.6
TOP FARM/E1021	.	.	34	.	.	32	1	125	1.6
TOP FARM/E1621	.	.	33	.	.	29	1	124	1.6
PRAIRIE BR./PB180	.	.	33	.	.	37	1	127	1.8
MYCOGEN/5155	.	.	33	.	.	33	1	126	1.7
MUSTANG/M-1182	.	.	32	.	.	34	1	122	1.4
TOP FARM/TF6197	.	.	32	.	.	38	1	126	1.7
DENBESTEN/DBX18A	.	.	31	.	.	34	1	125	1.6
DENBESTEN/DBX16A	.	.	30	.	.	35	1	127	1.8
CROPLAN GENET./L1969	.	.	26	.	.	33	1	130	2.0
Test average:	48	45	35	34.8	16.8	35	1		
LSD(5%) value ($):	4	5	3						
Min.top-yield value ($):	48	43	38						
Coef. of variation (#):	5	5	6						

* Ck/SCN = maturity check / soybean cyst nematode resistant, respectively.
$/+ 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.
See maturity section for relative maturity score explanation.

Table 3. Frankfort, maturity group-0 soybean test results, 1998-2000. Steve Masat farm, no-till seeded May 16.

Brand / Entry*	Yield - bu/a (13% moisture) 3yr.	2yr.	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity Days after seeding	2000 Maturity Rel. Mat. Sc.##
			Entries tested three years						
KRUGER/K-1333+	63	63	72	32.3	19.1	36	2	125	1.0
PRAIRIE BR./PB098	59	57	66	33.1	18.6	37	2	119	0.7
KRUGER/K-0999+	58	57	68	32.8	18.7	36	2	118	0.6
PUBLIC/SURGE-0-CK	57	58	66	34.4	18.3	38	3	115	0.5
PUBLIC/PARKER,I-CK*	57	57	61	32.4	18.6	46	5	124	1.6
MUSTANG/M-0958	56	55	66	33.6	18.4	37	2	117	0.6
MUSTANG/M-0970	56	55	61	32.4	18.9	37	2	117	0.6
DAIRYLAND/DSR-065	50	49	57	31.8	19.4	39	3	115	0.5
PUBLIC/MN 0901	49	49	57	32.7	19.1	40	3	117	0.6
PUBLIC/HENDRICKS	48	50	59	33.1	19.0	35	3	115	0.5
PUBLIC/DAWSON,0-CK*	45	46	61	33.1	18.5	39	3	114	0.4
PUBLIC/LAMBERT	43	44	47	32.1	19.4	39	3	115	0.4
PUBLIC/MC CALL,00-CK*	32	33	34	32.7	18.4	31	4	107	0.0
			Entries tested two years						
PRAIRIE BR./PB087	.	58	69	32.6	18.9	36	2	117	0.6
STINE/1101-6	.	57	65	33.0	18.9	37	2	117	0.6
DENBESTEN/DB1000	.	57	67	33.3	18.3	35	2	118	0.6
MYCOGEN/5093	.	53	63	33.4	18.3	42	3	114	0.4
			Entries tested one year						
KRUGER/EX.K-0999A	.	.	71	.	.	36	2	118	0.6
KRUGER/K-1514	.	.	69	.	.	40	2	121	0.8
STINE/EX1000-0	.	.	69	.	.	36	2	115	0.5
MYCOGEN/5081	.	.	68	.	.	37	3	115	0.5
KRUGER/K-1415	.	.	66	.	.	38	3	121	0.8
DENBESTEN/DBX11A	.	.	64	.	.	38	2	122	0.8
KRUGER/EX.K-0808	.	.	64	.	.	37	3	116	0.5
MYCOGEN/5072	.	.	61	.	.	39	2	114	0.4
DAIRYLAND/DSR-090	.	.	60	.	.	37	2	116	0.5
Test average:	52	52	61	33.1	18.7	38	3		
LSD(5%) value ($):	7	9	8						
Min.top-yield value ($):	56	54	64						
Coef. of variation (#):	8	8	8						

* Ck/SCN = maturity check / soybean cyst nematode resistant, respectively.
$/+ 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.
See maturity section for relative maturity score explanation.

Table 4. Frankfort, maturity group-I soybean test results, 1998-2000. Steve Masat farm, no-till seeded May 16.

Brand / Entry*	Yield - bu/a (13% moisture) 3yr.	2yr.	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity -- Days after seeding	2000 Maturity -- Rel. Mat. Sc.##
			Entries tested three years						
KRUGER/K-2021+	62	60	63	32.5	17.5	43	4	128	1.9
KRUGER/K-2325+	60	60	65	32.1	18.5	38	2	127	1.8
MUSTANG/M-1138	59	58	64	32.1	18.7	36	2	125	1.6
STINE/1386-6	59	58	68	33.2	18.4	39	3	123	1.5
PRAIRIE BR./PB146	58	59	70	32.9	18.7	40	3	124	1.6
WENSMAN/W 3148	58	57	68	33.1	18.6	43	3	124	1.6
DAIRYLAND/DSR-180/STS	57	57	63	33.6	18.0	39	3	125	1.6
PUBLIC/STRIDE	56	55	64	32.3	18.6	37	2	118	1.2
PUBLIC/PARKER,I-CK*	54	54	59	33.0	18.4	49	4	124	1.6
MYCOGEN/5121	53	53	60	32.4	18.9	39	1	121	1.4
PUBLIC/STURDY,II-CK*	53	53	58	33.8	18.3	46	5	130	2.3
PUBLIC/BELL-SCN	51	51	59	34.9	17.7	43	4	127	1.8
			Entries tested two years						
KRUGER/K-1606	.	66	73	34.4	17.1	36	3	125	1.6
DENBESTEN/DB2098	.	62	66	32.9	17.6	42	3	128	1.8
DENBESTEN/DB1500	.	58	67	32.4	18.9	38	2	122	1.5
DEKALB/CX166	.	57	64	32.6	18.6	40	2	126	1.7
KRUGER/K-1777+	.	57	61	32.0	18.3	40	3	126	1.7
PUBLIC/SURGE-O-CK	.	56	66	34.2	18.4	38	3	115	0.5
			Entries tested one year						
KRUGER/K-1991	.	.	75	.	.	37	2	124	1.6
KRUGER/K-1707	.	.	72	.	.	44	2	119	1.3
STINE/1700-6	.	.	71	.	.	36	2	125	1.6
DENBESTEN/DB1701	.	.	68	.	.	38	3	125	1.7
MYCOGEN/5191	.	.	68	.	.	41	2	125	1.7
PRAIRIE BR./PB1421	.	.	68	.	.	39	2	125	1.6
US SEEDS/US S120	.	.	67	.	.	40	2	121	1.4
DENBESTEN/DB1201	.	.	67	.	.	34	2	118	1.2
KRUGER/K-1919	.	.	67	.	.	40	3	125	1.7
PRAIRIE BR./PB180	.	.	67	.	.	42	3	127	1.8
PRAIRIE BR./PB194	.	.	66	.	.	41	3	126	1.7
PRAIRIE BR./PB191X	.	.	65	.	.	37	3	127	1.8
MUSTANG/M-1172	.	.	64	.	.	38	2	125	1.7
PRAIRIE BR./PB1221	.	.	63	.	.	42	2	122	1.4
MUSTANG/M-1182	.	.	63	.	.	37	3	122	1.4
MYCOGEN/5155	.	.	63	.	.	40	3	126	1.7
PRAIRIE BR./PB174	.	.	63	.	.	37	2	126	1.7
KRUGER/K-2012	.	.	61	.	.	38	3	126	1.7
DENBESTEN/DBX12A	.	.	61	.	.	40	3	118	1.2
MALLARD/0910	.	.	61	.	.	40	3	116	1.1

Table 4 (continued).

Brand / Entry*	Yield - bu/a (13% moisture) 3yr.	2yr.	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity -- Days after seeding	2000 Maturity -- Rel. Mat. Sc.##
DENBESTEN/DBX18A	.	.	60	.	.	39	3	125	1.6
WENSMAN/W 3170	.	.	59	.	.	38	3	127	1.8
DENBESTEN/DBX16A	.	.	57	.	.	38	3	127	1.8
CROPLAN GENET./L1969	.	.	54	.	.	39	3	130	2.0
LG SEEDS/LG 6200	.	.	49	.	.	44	5	128	1.8
Test average:	57	57	64	33.0	18.3	40	3		
LSD(5%) value ($):	5	7	6						
Min.top-yield value ($):	57	59	69						
Coef. of variation (#):	5	5	5						

* Ck/SCN = maturity check / soybean cyst nematode resistant, respectively.
$/+ 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.
See maturity section for relative maturity score explanation.

Table 5. Brookings, maturity group-0 soybean test results, 1998-2000. SDSU Agronomy Farm, seeded May 22.

Brand / Entry*	Yield - bu/a (13% moisture) 3yr.	2yr.	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 -- Maturity -- Days after seeding	2000 -- Maturity -- Rel. Mat. Sc.##
			Entries tested three years						
KRUGER/K-0999+	51	50	53	33.1	18.4	32	1	118	0.6
MUSTANG/M-0958	50	49	50	33.9	18.3	33	1	117	0.6
KALTENBERG/KB090	50	50	50	33.1	18.3	32	1	118	0.6
PUBLIC/SURGE-0-CK	48	47	52	33.1	19.1	34	1	115	0.5
MUSTANG/M-0970	48	49	50	33.1	18.4	33	1	117	0.6
PUBLIC/PARKER,I-CK*	47	47	48	32.1	18.5	31	2	124	1.6
TOP FARM/TF6077	47	47	51	31.9	18.9	35	2	115	0.4
DAIRYLAND/DSR-065	45	44	47	31.4	18.8	32	1	115	0.5
PUBLIC/HENDRICKS	45	44	44	33.6	18.6	32	1	115	0.5
PUBLIC/MN 0901	44	42	45	33.9	18.1	35	1	117	0.6
PUBLIC/DAWSON,0-CK*	43	43	44	32.7	18.4	37	2	114	0.4
PUBLIC/LAMBERT	41	38	39	32.8	18.9	34	1	115	0.4
PUBLIC/MC CALL,00-CK*	31	32	33	32.2	17.9	31	1	107	0.0
			Entries tested two years						
DENBESTEN/DB1000	.	51	53	33.7	17.9	34	1	118	0.6
SANDS/SOI 098	.	50	52	33.7	18.4	32	1	116	0.5
MYCOGEN/5093	.	48	53	33.6	18.2	34	1	114	0.4
			Entries tested one year						
MYCOGEN/5072	.	.	54	.	.	33	1	114	0.4
KRUGER/K-1514	.	.	53	.	.	34	1	121	0.8
KRUGER/K-1333+	.	.	52	.	.	32	1	125	1.0
KRUGER/EX.K-0808	.	.	51	.	.	31	1	116	0.5
KRUGER/EX.K-0999A	.	.	50	.	.	33	1	118	0.6
TOP FARM/E1011	.	.	50	.	.	33	1	117	0.6
MYCOGEN/5081	.	.	47	.	.	32	1	115	0.5
DENBESTEN/DBX11A	.	.	47	.	.	34	1	122	0.8
KRUGER/K-1415	.	.	46	.	.	32	1	121	0.8
GOLD COUNTRY/SONORA	.	.	45	.	.	32	1	115	0.4
DAKOTA/P10-01	.	.	45	.	.	39	1	115	0.5
DAIRYLAND/DSR-090	.	.	43	.	.	31	1	116	0.5
Test average:	46	45	47	33.2	18.3	33	1		
LSD(5%) value ($):	4	5	6						
Min.top-yield value ($):	47	46	48						
Coef. of variation (#):	7	8	8						

* Ck/SCN = maturity check / soybean cyst nematode resistant, respectively.
$/+ 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.
See maturity section for relative maturity score explanation.

Table 6. Brookings, maturity group-I soybean test results, 1998-2000. SDSU Agronomy Farm, seeded May 22.

Brand / Entry*	Yield - bu/a (13% moisture) 3yr.	2yr.	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity Days after seeding	2000 Maturity Rel. Mat. Sc.##
Entries tested three years									
DAIRYLAND/DSR-180/STS	54	54	49	33.3	17.8	35	1	125	1.6
SANDS/SOI 169	54	54	46	32.2	17.6	36	1	128	1.9
LATHAM/392 BRAND	54	53	47	32.3	17.9	37	1	128	1.8
KRUGER/K-2325+	53	53	47	32.3	18.0	32	1	127	1.8
LATHAM/140 BRAND	53	53	47	33.7	18.3	34	1	124	1.6
WENSMAN/W 3148	53	53	49	32.5	19.0	32	1	124	1.6
MUSTANG/M-1190	53	52	48	33.6	17.9	35	1	127	1.8
MUSTANG/M-1138	52	54	48	32.0	18.4	32	1	125	1.6
KALTENBERG/KB184	52	52	46	32.4	18.5	34	1	126	1.7
PRAIRIE BR./PB194	51	50	47	32.7	18.2	34	1	126	1.7
LATHAM/250 BRAND	50	49	45	33.3	18.1	35	1	128	1.8
GOLD COUNTRY/BISCAY	50	50	48	33.2	18.5	34	1	123	1.5
GOLD COUNTRY/GOODWIN	50	48	48	32.0	18.7	36	1	117	1.1
MYCOGEN/5121	50	49	44	32.4	18.9	31	1	121	1.4
COYOTE/9519	49	49	46	33.9	17.5	32	2	123	1.5
PUBLIC/STRIDE	49	49	46	31.2	18.8	34	1	118	1.2
PUBLIC/PARKER,I-CK*	48	48	44	32.1	18.5	43	3	124	1.6
PUBLIC/BELL-SCN	47	45	40	34.1	18.2	33	1	127	1.8
PUBLIC/STURDY,II-CK*	46	43	41	32.9	18.2	39	2	130	2.3
Entries tested two years									
KRUGER/K-1606	.	57	50	33.9	17.1	31	1	125	1.6
M-W GENETICS/G1410	.	55	51	32.5	18.6	32	1	123	1.5
DENBESTEN/DB1500	.	55	48	32.0	18.9	33	1	122	1.5
DENBESTEN/DB2098	.	54	47	31.9	17.5	35	1	128	1.8
KALTENBERG/KB148	.	54	48	33.0	18.4	33	1	124	1.6
KRUGER/K-2021+	.	54	46	32.3	17.7	35	1	128	1.9
PRAIRIE BR./PB174	.	54	49	32.4	18.1	36	1	126	1.7
MALLARD/1070	.	53	48	33.1	17.7	34	1	126	1.7
US SEEDS/US S159	.	52	47	32.9	18.5	33	1	126	1.7
KRUGER/K-1777+	.	52	46	32.3	18.4	34	1	126	1.7
DEKALB/CX166	.	52	47	31.9	19.1	32	1	126	1.7
US SEEDS/US S199	.	50	48	33.3	17.7	33	1	128	1.9
PUBLIC/SURGE-0-CK	.	50	50	34.0	18.5	34	1	115	0.5
TOP FARM/TF6197	.	49	44	32.6	17.9	35	2	126	1.7
Entries tested one year									
KRUGER/K-1919	.	.	52	.	.	32	1	125	1.7
PRAIRIE BR./PB146	.	.	51	.	.	32	1	124	1.6
THOMPSON/T-3182	.	.	51	.	.	38	1	123	1.5
DENBESTEN/DB1201	.	.	51	.	.	33	1	118	1.2
KRUGER/K-1991	.	.	50	.	.	32	1	124	1.6
SANDS/SOI 144	.	.	50	.	.	32	1	124	1.6
DENBESTEN/DB1701	.	.	50	.	.	35	1	125	1.7
PRAIRIE BR./PB191X	.	.	50	.	.	36	1	127	1.8
KRUGER/K-1707	.	.	50	.	.	34	1	119	1.3
STINE/1700-6	.	.	49	.	.	31	1	125	1.6

Table 6 (continued).

Brand / Entry*	Yield - bu/a (13% moisture) 3yr.	2yr.	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity -- Days after seeding	2000 Maturity -- Rel. Mat. Sc.##
ZILLER/BT2373	.	.	49	.	.	35	2	127	1.8
LATHAM/EX-290	.	.	49	.	.	33	1	125	1.6
MYCOGEN/5191	.	.	49	.	.	31	1	125	1.7
MUSTANG/M-1172	.	.	48	.	.	35	1	125	1.7
SANDS/EXP1799	.	.	48	.	.	36	1	127	1.8
MYCOGEN/5155	.	.	48	.	.	34	1	126	1.7
MALLARD/X1014	.	.	48	.	.	33	1	125	1.6
MALLARD/X1017	.	.	47	.	.	33	1	127	1.8
TOP FARM/E1021	.	.	47	.	.	32	1	125	1.6
M-W GENETICS/G1915	.	.	47	.	.	36	1	126	1.7
DAHLCO/9120	.	.	47	.	.	34	1	119	1.2
GOLD COUNTRY/X5117	.	.	46	.	.	32	1	125	1.6
WENSMAN/W 3170	.	.	46	.	.	34	1	127	1.8
DAHLCO/9122	.	.	46	.	.	32	1	120	1.3
PRAIRIE BR./PB180	.	.	46	.	.	33	1	127	1.8
PRAIRIE BR./PB204X	.	.	45	.	.	30	1	126	1.7
PRAIRIE BR./PB184	.	.	45	.	.	36	1	126	1.7
TOP FARM/E1621	.	.	45	.	.	29	1	124	1.6
DENBESTEN/DBX12A	.	.	45	.	.	32	1	118	1.2
ZILLER/BT6120	.	.	44	.	.	35	1	120	1.3
MUSTANG/M-1182	.	.	44	.	.	33	1	122	1.4
COYOTE/618EX	.	.	44	.	.	32	1	123	1.5
DENBESTEN/DBX18A	.	.	43	.	.	32	1	125	1.6
THOMPSON/EX8148	.	.	43	.	.	33	1	124	1.6
KRUGER/K-2012	.	.	43	.	.	33	1	126	1.7
DAHLCO/9140	.	.	42	.	.	33	1	124	1.6
DENBESTEN/DBX16A	.	.	41	.	.	33	1	127	1.8
CROPLAN GENET./L1969	.	.	36	.	.	33	1	130	2.0
Test average:	51	51	46	32.8	18.2	34	1		
LSD(5%) value ($):	4	5	4						
Min.top-yield value ($):	50	52	48						
Coef. of variation (#):	6	5	5						

* Ck/SCN = maturity check / soybean cyst nematode resistant, respectively.
$/+ 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.
See maturity section for relative maturity score explanation.

Table 7. Brookings, maturity group-II soybean test results, 1998-2000. SDSU Agronomy Farm, seeded May 22.

Brand / Entry*	Yield - bu/a (13% moisture) 3yr.	2yr.	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 -- Maturity -- Days after seeding	2000 -- Maturity -- Rel. Mat. Sc.##
Entries tested three years									
MUSTANG/M-2218	56	55	47	33.5	16.5	35	2	129	2.2
MUSTANG/M-2238	56	53	48	31.5	17.9	37	2	132	2.4
KALTENBERG/KB208	55	54	50	32.1	17.6	37	1	131	2.4
PRAIRIE BR./PB202	55	55	49	33.7	16.6	34	1	129	2.2
KRUGER/K-2535+	54	53	46	35.2	16.5	32	1	131	2.3
PRAIRIE BR./PB218	54	53	47	32.3	17.4	38	1	130	2.3
KRUGER/K-2525+	54	53	48	31.8	18.2	31	1	131	2.4
MUSTANG/M-2200	54	54	45	32.8	17.7	36	2	129	2.2
KRUGER/K-2425	54	54	45	32.9	16.8	32	1	131	2.3
PRAIRIE BR./PB216	54	52	44	33.6	16.6	32	2	130	2.3
PRAIRIE BR./PB237	54	51	45	31.8	18.1	34	1	132	2.4
KRUGER/K-2343+	54	52	46	33.1	17.1	36	2	131	2.4
STINE/2180	54	53	44	33.5	16.4	31	1	130	2.3
MYCOGEN/5249	52	50	43	33.6	17.1	34	1	136	2.7
PUBLIC/IA2021	51	50	46	31.6	18.4	34	2	130	2.3
PUBLIC/PARKER,I-CK*	51	50	44	31.3	18.8	43	3	124	1.6
PUBLIC/STURDY,II-CK*	49	47	43	32.7	18.3	40	2	130	2.3
PUBLIC/TURNER-SCN	46	44	42	32.1	18.4	42	3	129	2.2
PUBLIC/JACK,III-CK*	40	37	31	31.7	18.2	45	3	139	2.9
Entries tested two years									
THOMPSON/T-3222	.	55	47	33.7	16.9	36	1	132	2.4
KAUP/2275	.	54	49	33.4	16.9	36	1	130	2.3
US SEEDS/US S219	.	54	45	32.2	16.9	32	1	131	2.4
KRUGER/K-2555	.	54	44	33.2	17.3	31	1	132	2.4
KRUGER/K-2625	.	53	45	32.1	18.1	33	1	132	2.4
DENBESTEN/DB2500	.	53	44	31.8	18.2	33	1	133	2.5
PRAIRIE BR./PB217	.	53	47	32.8	17.6	34	1	131	2.4
DENBESTEN/DB2399	.	53	48	32.1	18.2	38	2	132	2.4
KALTENBERG/KB240	.	53	46	32.7	17.6	33	1	131	2.4
KAUP/2507	.	52	47	32.8	17.8	34	1	134	2.5
KRUGER/K-2444	.	51	45	32.6	17.8	31	1	129	2.2
Entries tested one year									
DYNA-GRO/3234	.	.	50	.	.	36	2	132	2.4
SANDS/SOI 234	.	.	48	.	.	39	2	131	2.4
SANDS/EXP2399	.	.	47	.	.	36	1	135	2.6
CROPLAN GENET./L2195	.	.	46	.	.	32	2	128	2.1
THOMPSON/T-3232	.	.	46	.	.	33	2	131	2.3
DAHLCO/9210	.	.	46	.	.	31	1	129	2.2
PRAIRIE BR./PB230	.	.	45	.	.	32	1	130	2.3
LATHAM/EX-570	.	.	45	.	.	32	1	131	2.4
PRAIRIE BR./PB220X	.	.	44	.	.	31	1	129	2.2
MYCOGEN/200	.	.	44	.	.	30	1	130	2.3

Table 7 (continued).

Brand / Entry*	Yield - bu/a (13% moisture) 3yr.	2yr.	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity -- Days after seeding	2000 Maturity -- Rel. Mat. Sc.##
MYCOGEN/5212N	.	.	44	.	.	33	1	131	2.4
HY-VIGOR/2202	.	.	43	.	.	32	2	136	2.7
KRUGER/K-2515	.	.	43	.	.	32	1	133	2.5
SANDS/SOI 243	.	.	43	.	.	33	1	130	2.3
DAIRYLAND/DSR-243	.	.	42	.	.	32	1	131	2.4
MYCOGEN/5261	.	.	42	.	.	35	1	134	2.6
PRAIRIE BR./PB259	.	.	42	.	.	35	2	133	2.5
DENBESTEN/DB2801	.	.	40	.	.	33	2	136	2.7
KRUGER/EX.K-2505	.	.	40	.	.	33	3	133	2.5
PRAIRIE BR./PB256	.	.	40	.	.	32	2	131	2.4
GREAT LAKES/GL2131	.	.	40	.	.	37	1	132	2.4
GREAT LAKES/GL2420 STS	.	.	40	.	.	36	2	131	2.4
KRUGER/K-2555+	.	.	39	.	.	33	2	135	2.6
Test average:	52	51	44	32.6	17.5	35	2		
LSD(5%) value ($):	4	6	4						
Min.top-yield value ($):	52	49	46						
Coef. of variation (#):	5	6	6						

* Ck/SCN = maturity check / soybean cyst nematode resistant, respectively.
$/+ 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.
See maturity section for relative maturity score explanation.

Table 8. Pierre, maturity group-I irrigated soybean test results, 1998-2000. Dakota Lakes Research Farm, seeded May 13.

Brand / Entry*	Yield - bu/a (13% moisture) 3yr.	2yr.	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 -- Maturity -- Days after seeding	2000 -- Maturity -- Rel. Mat. Sc.##
			Entries tested three years						
PRAIRIE BR./PB194	76	70	69	35.3	16.6	.	.	126	1.7
PUBLIC/STRIDE	71	64	57	34.3	17.1	.	.	118	1.2
PUBLIC/STURDY,II-CK*	70	65	57	35.7	16.6	.	.	130	2.3
PUBLIC/BELL-SCN	68	62	56	36.4	16.8	.	.	127	1.8
PUBLIC/PARKER,I-CK*	66	63	45	34.9	17.4	.	.	124	1.6
			Entries tested two years						
KRUGER/K-1606	.	81	76	36.8	15.8	.	.	125	1.6
KRUGER/K-2325+	.	78	74	35.1	16.5	.	.	127	1.8
DENBESTEN/DB2098	.	75	74	36.2	15.8	.	.	128	1.8
PRAIRIE BR./PB174	.	70	57	35.6	16.7	.	.	126	1.7
PUBLIC/SURGE-O-CK	.	69	66	36.1	17.1	.	.	115	0.5
DENBESTEN/DB1500	.	69	67	35.1	17.1	.	.	122	1.5
US SEEDS/US S159	.	69	61	35.3	17.0	.	.	126	1.7
US SEEDS/US S199	.	65	70	35.2	16.6	.	.	128	1.9
KRUGER/K-1777+	.	64	52	35.3	17.0	.	.	126	1.7
DEKALB/CX166	.	61	44	35.3	17.2	.	.	126	1.7
			Entries tested one year						
GOLD COUNTRY/X5117	.	.	77	.	.	.	.	125	1.6
PRAIRIE BR./PB180	.	.	75	.	.	.	.	127	1.8
KRUGER/K-1919	.	.	75	.	.	.	.	125	1.7
KRUGER/K-1707	.	.	71	.	.	.	.	119	1.3
KRUGER/K-2021+	.	.	71	.	.	.	.	128	1.9
STINE/1700-6	.	.	70	.	.	.	.	125	1.6
PRAIRIE BR./PB146	.	.	65	.	.	.	.	124	1.6
PRAIRIE BR./PB204X	.	.	64	.	.	.	.	126	1.7
KRUGER/K-1991	.	.	63	.	.	.	.	124	1.6
DENBESTEN/DB1701	.	.	62	.	.	.	.	125	1.7
MYCOGEN/5155	.	.	59	.	.	.	.	126	1.7
KRUGER/K-2012	.	.	58	.	.	.	.	126	1.7
MYCOGEN/5191	.	.	56	.	.	.	.	125	1.7
GOLD COUNTRY/BISCAY	.	.	56	.	.	.	.	123	1.5
Test average:	70	68	63	35.5	16.8	.	.		
LSD(5%) value ($):	NS	NS	14						
Min.top-yield value ($):	66	61	63						
Coef. of variation (#):	10	10	14						

* Ck/SCN = maturity check / soybean cyst nematode resistant, respectively.
$/+ See yield / protein & oil sections, respectively.
~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.
NS values within a column are not significant.
Measure of experimental error: values of < 15% are desired.
See maturity section for relative maturity score explanation.

Table 9. Pierre, maturity group-II irrigated soybean test results, 1998-2000. Dakota Lakes Research Farm, seeded May 13.

Brand / Entry*	Yield - bu/a (13% moisture) 3yr.	2yr.	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 -- Maturity -- Days after seeding	2000 -- Maturity -- Rel. Mat. Sc.##
Entries tested three years									
STINE/2490-1	83	77	75	34.3	17.0	.	.	131	2.4
PRAIRIE BR./PB202	79	73	72	35.0	16.4	.	.	129	2.2
DEKALB/CX232	77	73	70	34.7	17.0	.	.	132	2.4
PRAIRIE BR./PB237	77	70	65	34.5	16.9	.	.	132	2.4
PRAIRIE BR./PB218	76	67	63	34.4	16.5	.	.	130	2.3
PRAIRIE BR./PB216	73	66	65	35.4	15.6	.	.	130	2.3
PUBLIC/IA2021	71	65	62	33.2	17.8	.	.	130	2.3
PUBLIC/PARKER,I-CK*	69	64	62	34.5	17.1	.	.	124	1.6
PUBLIC/JACK,III-CK*	68	62	52	34.1	17.0	.	.	.	.
PUBLIC/TURNER-SCN	67	58	49	35.2	16.7	.	.	129	2.2
PUBLIC/STURDY,II-CK*	66	58	53	36.2	16.5	.	.	130	2.3
Entries tested two years									
KRUGER/K-2343+	.	77	77	35.4	16.2	.	.	131	2.4
KRUGER/K-2555	.	76	77	33.8	17.1	.	.	132	2.4
KRUGER/K-2444	.	75	70	34.9	16.3	.	.	129	2.2
THOMPSON/T-3222	.	74	74	35.6	16.4	.	.	132	2.4
KAUP/2275	.	73	75	36.1	15.7	.	.	130	2.3
PRAIRIE BR./PB217	.	72	68	.	.	.	.	131	2.4
KAUP/2474	.	72	70	34.3	16.7	.	.	135	2.6
KRUGER/K-2425	.	71	74	35.9	15.4	.	.	131	2.3
KRUGER/K-2625	.	71	70	34.5	16.8	.	.	132	2.4
MYCOGEN/5249	.	70	71	35.2	16.4	.	.	136	2.7
DENBESTEN/DB2500	.	70	68	34.9	16.6	.	.	133	2.5
DENBESTEN/DB2399	.	63	56	34.6	16.6	.	.	132	2.4
Entries tested one year									
KRUGER/K-2515	.	.	82	.	.	.	.	133	2.5
KRUGER/K-2525+	.	.	79	.	.	.	.	131	2.4
PRAIRIE BR./PB256	.	.	78	.	.	.	.	131	2.4
DENBESTEN/DBX25A	.	.	74	.	.	.	.	130	2.3
LG SEEDS/LGC 2200	.	.	71	.	.	.	.	132	2.4
KRUGER/K-2535+	.	.	70	.	.	.	.	131	2.3
US SEEDS/US S219	.	.	70	.	.	.	.	131	2.4
DENBESTEN/DB2801	.	.	66	.	.	.	.	136	2.7
PUBLIC/SD97-580	.	.	65	.	.	.	.	130	2.3
PRAIRIE BR./PB230	.	.	65	.	.	.	.	130	2.3
MYCOGEN/200	.	.	62	.	.	.	.	130	2.3
PRAIRIE BR./PB220X	.	.	58	.	.	.	.	129	2.2
PRAIRIE BR./PB259	.	.	56	.	.	.	.	133	2.5
KRUGER/EX.K-2505	.	.	56	.	.	.	.	133	2.5
KRUGER/K-2555+	.	.	55	.	.	.	.	135	2.6
MYCOGEN/5212N	.	.	41	.	.	.	.	131	2.4

* Ck/SCN = maturity check / soybean cyst nematode resistant, respectively.
$/+ 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.
See maturity section for relative maturity score explanation.

Table 10. Armour, maturity group-I soybean test results, 1998-2000. Robert Clark farm, no-till seeded May 15.

Brand / Entry*	Yield - bu/a (13% moisture) 3yr.	2yr.	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 -- Maturity -- Days after seeding	2000 -- Maturity -- Rel. Mat. Sc.##
Entries tested three years									
LATHAM/392 BRAND	58	51	55	32.8	18.2	26	1	128	1.8
SANDS/SOI 169	58	50	53	33.3	18.0	26	1	128	1.9
KRUGER/K-2325+	57	48	49	30.5	19.5	21	1	127	1.8
LATHAM/250 BRAND	54	48	52	34.7	18.1	26	1	128	1.8
PUBLIC/STURDY,II-CK*	54	45	47	34.5	18.4	26	1	130	2.3
PRAIRIE BR./PB194	54	45	49	33.9	18.2	26	1	126	1.7
COYOTE/9519	54	47	51	34.9	17.0	26	1	123	1.5
PUBLIC/STRIDE	51	45	44	31.5	19.4	22	1	118	1.2
PUBLIC/PARKER,I-CK*	49	42	44	32.2	19.0	28	1	124	1.6
PUBLIC/BELL-SCN	48	43	46	34.7	18.2	28	1	127	1.8
Entries tested two years									
DENBESTEN/DB2098	.	52	55	32.3	18.3	28	1	128	1.8
SANDS/SOI 222	.	49	51	33.2	17.2	26	1	129	1.9
DENBESTEN/DB1500	.	47	49	33.8	18.5	23	1	122	1.5
HOEGEMEYER/191	.	47	49	32.8	18.9	24	1	126	1.7
PUBLIC/SURGE-O-CK	.	43	44	34.4	18.6	21	1	115	0.5
Entries tested one year									
MYCOGEN/5191	.	.	57	.	.	24	1	125	1.7
KRUGER/K-1991	.	.	54	.	.	22	1	124	1.6
STINE/1700-6	.	.	54	.	.	23	1	125	1.6
KRUGER/K-1707	.	.	52	.	.	26	1	119	1.3
KRUGER/K-1919	.	.	52	.	.	22	1	125	1.7
KRUGER/K-1606	.	.	52	.	.	23	1	125	1.6
COYOTE/618EX	.	.	51	.	.	25	1	123	1.5
KRUGER/K-2012	.	.	51	.	.	27	1	126	1.7
DENBESTEN/DB1701	.	.	51	.	.	23	1	125	1.7
KRUGER/K-2021+	.	.	50	.	.	25	1	128	1.9
PRAIRIE BR./PB180	.	.	48	.	.	25	1	127	1.8
PRAIRIE BR./PB204X	.	.	48	.	.	23	1	126	1.7
KRUGER/K-1777+	.	.	47	.	.	24	1	126	1.7
Test average:	54	47	50	33.3	18.4	25	1		
LSD(5%) value ($):	5	4	8						
Min.top-yield value ($):	53	48	49						
Coef. of variation (#):	7	9	10						

* Ck/SCN = maturity check / soybean cyst nematode resistant, respectively.
$/+ 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.
See maturity section for relative maturity score explanation.

Table 11. Armour, maturity group-II soybean test results, 1998-2000. Robert Clark farm, no-till seeded May 15.

Brand / Entry*	Yield - bu/a (13% moisture) 3yr.	2yr.	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 -- Maturity -- Days after seeding	2000 -- Maturity -- Rel. Mat. Sc.##
Entries tested three years									
KRUGER/K-2425	61	53	56	33.7	16.9	26	1	131	2.3
MUSTANG/M-2238	61	53	58	31.7	19.0	33	1	132	2.4
KRUGER/K-2725	59	50	47	33.7	17.4	27	1	130	2.3
KAUP/2474	59	51	55	32.7	18.1	28	1	135	2.6
HOEGEMEYER/232	58	50	51	33.1	18.3	32	1	130	2.3
PRAIRIE BR./PB237	58	49	54	31.6	18.8	28	1	132	2.4
KRUGER/K-2525+	58	50	49	32.9	18.2	22	1	131	2.4
PRAIRIE BR./PB216	58	50	48	33.0	17.0	28	1	130	2.3
HOEGEMEYER/202	58	51	50	33.3	18.0	25	1	128	2.1
LATHAM/660 BRAND	58	50	50	33.2	18.1	27	1	134	2.5
GREAT LAKES/GL2451	56	50	53	35.0	17.7	29	1	133	2.5
PRAIRIE BR./PB202	56	48	50	33.8	17.6	29	1	129	2.2
KRUGER/K-2343+	56	50	50	33.5	17.7	27	1	131	2.4
HOEGEMEYER/245	56	49	49	34.8	17.8	25	1	130	2.3
JACOBSEN/J750	55	49	52	31.5	18.6	28	1	136	2.7
DAIRYLAND/DSR-218	55	45	49	32.1	19.1	32	1	130	2.3
JACOBSEN/J774	54	46	50	32.0	19.9	29	1	133	2.5
COYOTE/9525	54	47	51	30.1	19.6	29	1	134	2.6
DEKALB/CX232	53	45	44	33.9	17.5	21	1	132	2.4
PUBLIC/JACK,III-CK*	52	43	48	33.8	17.2	42	1	139	2.9
PUBLIC/TURNER-SCN	51	45	47	33.1	18.5	30	1	129	2.2
PUBLIC/STURDY,II-CK*	51	44	43	33.1	19.1	28	1	130	2.3
PUBLIC/PARKER,I-CK*	50	44	47	33.7	18.6	32	1	124	1.6
PUBLIC/IA2021	50	41	41	30.7	19.8	24	1	130	2.3
Entries tested two years									
KRUGER/K-2555	.	58	63	32.4	18.7	30	1	132	2.4
US SEEDS/US S289	.	54	58	32.0	18.6	21	1	137	2.8
KAUP/2275	.	54	56	33.3	18.0	29	1	130	2.3
DENBESTEN/DB2399	.	52	57	32.1	18.9	27	1	132	2.4
LATHAM/830 BRAND	.	51	53	32.8	18.3	27	1	134	2.5
KRUGER/K-2625	.	51	51	33.0	17.9	26	1	132	2.4
KRUGER/K-2444	.	51	55	32.8	18.5	29	1	129	2.2
PRAIRIE BR./PB217	.	50	50	33.3	17.6	27	1	131	2.4
US SEEDS/US S250	.	50	50	33.2	17.6	25	1	133	2.5
DENBESTEN/DB2500	.	49	53	31.2	18.9	28	1	133	2.5
MYCOGEN/5287	.	49	54	33.1	18.3	29	1	134	2.6
PRAIRIE BR./PB218	.	49	52	32.6	18.2	27	1	130	2.3
STINE/2180	.	49	50	31.7	17.7	27	1	130	2.3
CROPLAN GENET./L2495	.	48	49	31.1	19.2	25	1	130	2.3
MYCOGEN/5261	.	47	46	31.8	18.8	28	1	134	2.6
PRAIRIE BR./PB252	.	46	50	33.1	17.9	28	1	134	2.5
MUSTANG/M-2251	.	46	47	30.4	19.0	25	1	130	2.3
MYCOGEN/5249	.	45	46	31.6	19.1	26	1	136	2.7

Table 11 (continued).

Brand / Entry*	Yield - bu/a (13% moisture) 3yr.	2yr.	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity -- Days after seeding	2000 Maturity -- Rel. Mat. Sc.##
Entries tested one year									
PRAIRIE BR./PB256	.	.	63	.	.	27	1	131	2.4
PROFISEED/PS250O	.	.	62	.	.	27	1	129	2.2
DENBESTEN/DBX25A	.	.	61	.	.	29	1	130	2.3
KRUGER/K-2515	.	.	61	.	.	26	1	133	2.5
HY-VIGOR/270	.	.	60	.	.	33	1	137	2.8
PRAIRIE BR./PB259	.	.	58	.	.	29	1	133	2.5
CROPLAN GENET./L2546	.	.	58	.	.	33	1	134	2.5
DEKALB/DKB23-95	.	.	57	.	.	27	1	132	2.4
KRUGER/K-2555+	.	.	57	.	.	28	1	135	2.6
ASGROW/A2869	.	.	57	.	.	36	1	134	2.6
COYOTE/625EX	.	.	56	.	.	26	1	132	2.4
KRUGER/EX.K-2505	.	.	56	.	.	29	1	133	2.5
LATHAM/EX-640A	.	.	56	.	.	29	1	133	2.5
LATHAM/EX-630	.	.	56	.	.	28	1	133	2.5
COYOTE/725EX	.	.	55	.	.	29	1	133	2.5
ASGROW/A2553	.	.	55	.	.	24	1	133	2.5
PRAIRIE BR./PB220X	.	.	54	.	.	26	1	129	2.2
JACOBSEN/J772	.	.	54	.	.	27	1	134	2.5
LATHAM/EX-860	.	.	54	.	.	29	1	133	2.5
MUSTANG/M-2252	.	.	53	.	.	31	1	133	2.5
PROFISEED/PS250D	.	.	53	.	.	26	1	133	2.5
SANDS/EXP2890	.	.	53	.	.	28	1	133	2.5
DAIRYLAND/DSR-243	.	.	53	.	.	25	1	131	2.4
SANDS/EXP2891	.	.	53	.	.	28	1	134	2.6
PRAIRIE BR./PB230	.	.	52	.	.	31	1	130	2.3
SANDS/EXP2599	.	.	52	.	.	27	1	132	2.4
KRUGER/K-2535+	.	.	50	.	.	25	1	131	2.3
DENBESTEN/DB2801	.	.	50	.	.	28	1	136	2.7
SANDS/EXP2399	.	.	50	.	.	24	1	135	2.6
DENBESTEN/DBX22A	.	.	50	.	.	27	1	131	2.4
GREAT LAKES/GL2131	.	.	49	.	.	32	1	132	2.4
HY-VIGOR/220Z	.	.	49	.	.	28	1	136	2.7
MYCOGEN/200	.	.	46	.	.	24	1	130	2.3
SANDS/SOI 243	.	.	44	.	.	26	1	130	2.3
MYCOGEN/5212N	.	.	41	.	.	26	1	131	2.4
Test average:	56	49	52	32.7	18.3	28	1		
LSD(5%) value ($):	5	7	9						
Min.top-yield value ($):	56	51	54						
Coef. of variation (#):	9	10	10						

* Ck/SCN = maturity check / soybean cyst nematode resistant, respectively.
$/+ 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.
See maturity section for relative maturity score explanation.

Table 12. Beresford, maturity group-I soybean test results, 1998-2000. S.E. Research Farm, seeded May 9.

Brand / Entry*	Yield - bu/a (13% moisture) 3yr.	2yr.	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity -- Days after seeding	2000 Maturity -- Rel. Mat. Sc.##
Entries tested three years									
SANDS/SOI 169	61	56	57	33.8	17.4	34	1	128	1.9
KRUGER/K-2325+	60	56	59	33.4	17.8	29	1	127	1.8
LATHAM/392 BRAND	60	55	57	33.0	17.9	33	1	128	1.8
TOP FARM/TF6197	54	49	53	33.3	18.2	33	2	126	1.7
LATHAM/250 BRAND	53	45	49	34.3	17.9	32	1	128	1.8
PUBLIC/STURDY,II-CK*	52	47	54	33.8	17.8	35	2	130	2.3
PUBLIC/PARKER,I-CK*	51	46	49	32.2	18.5	34	3	124	1.6
PUBLIC/BELL-SCN	48	43	47	34.6	18.1	29	1	127	1.8
PUBLIC/STRIDE	43	36	40	31.2	19.3	29	1	118	1.2
Entries tested two years									
DENBESTEN/DB2098	.	56	57	34.3	17.1	31	1	128	1.8
SANDS/SOI 222	.	55	54	33.9	16.8	30	1	129	1.9
KALTENBERG/KB184	.	50	51	34.4	17.7	32	1	126	1.7
PUBLIC/SURGE-O-CK	.	46	50	34.5	18.4	30	1	115	0.5
Entries tested one year									
KRUGER/K-1919	.	.	62	.	.	30	1	125	1.7
KRUGER/K-1991	.	.	59	.	.	30	1	124	1.6
KRUGER/K-2021+	.	.	59	.	.	33	1	128	1.9
THOMPSON/EX9242	.	.	58	.	.	28	1	126	1.7
LATHAM/EX-290	.	.	57	.	.	32	1	125	1.6
SANDS/EXP1799	.	.	56	.	.	32	1	127	1.8
KRUGER/K-1707	.	.	56	.	.	30	1	119	1.3
US SEEDS/US S199	.	.	56	.	.	32	1	128	1.9
PRAIRIE BR./PB180	.	.	55	.	.	34	1	127	1.8
KRUGER/K-1606	.	.	54	.	.	27	1	125	1.6
DENBESTEN/DB1500	.	.	54	.	.	32	1	122	1.5
KRUGER/K-2012	.	.	53	.	.	30	1	126	1.7
CROPLAN GENET./L1969	.	.	52	.	.	30	1	130	2.0
DENBESTEN/DB1701	.	.	51	.	.	30	1	125	1.7
TOP FARM/E1621	.	.	51	.	.	27	1	124	1.6
ZILLER/BT2911	.	.	51	.	.	34	1	130	2.0
THOMPSON/EX8148	.	.	50	.	.	29	1	124	1.6
TOP FARM/E1021	.	.	50	.	.	25	1	125	1.6
COYOTE/618EX	.	.	50	.	.	30	1	123	1.5
MYCOGEN/5191	.	.	50	.	.	29	1	125	1.7
Test average:	54	49	53	33.5	18.0	31	1		
LSD(5%) value ($):	5	6	6						
Min.top-yield value ($):	56	50	56						
Coef. of variation (#):	9	10	7						

* Ck/SCN = maturity check / soybean cyst nematode resistant, respectively.
$/+ 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.
See maturity section for relative maturity score explanation.

Table 13. Beresford, maturity group-II soybean test results, 1998-2000. S.E. Research Farm, seeded May 9.

Brand / Entry*	Yield - bu/a (13% moisture) 3yr.	2yr.	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity Days after seeding	2000 Maturity Rel. Mat. Sc.##
Entries tested three years									
STINE/2490-1	60	55	60	33.7	17.6	31	1	131	2.4
MUSTANG/M-2218	59	54	56	33.1	17.3	30	1	129	2.2
KRUGER/K-2425	59	54	56	34.4	16.8	30	1	131	2.3
PRAIRIE BR./PB202	58	52	59	33.7	17.5	33	1	129	2.2
PROFISEED/PS2509	57	52	55	32.9	17.8	31	1	133	2.5
MUSTANG/M-2200	57	52	57	33.4	17.8	32	1	129	2.2
HOEGEMEYER/202	57	50	57	32.4	18.2	33	1	128	2.1
KRUGER/K-2343+	57	52	53	32.1	18.2	31	1	131	2.4
STINE/2180	57	51	54	32.1	17.4	30	1	130	2.3
MUSTANG/M-2238	56	49	55	32.5	17.8	31	1	132	2.4
MYCOGEN/5261	56	49	49	33.8	17.3	28	1	134	2.6
KRUGER/K-2525+	56	49	49	31.7	18.8	27	1	131	2.4
MYCOGEN/5287	55	50	56	32.2	18.0	32	1	134	2.6
MYCOGEN/5249	55	51	56	35.2	17.1	31	1	136	2.7
GREAT LAKES/GL2451	55	49	53	34.1	17.4	29	1	133	2.5
PRAIRIE BR./PB237	54	47	54	31.5	18.4	31	1	132	2.4
HOEGEMEYER/245	53	46	53	33.3	18.1	29	1	130	2.3
JACOBSEN/J774	52	45	48	32.8	18.3	29	1	133	2.5
HOEGEMEYER/232	52	46	47	32.0	18.9	33	1	130	2.3
PUBLIC/IA2021	50	43	45	32.1	18.7	27	1	130	2.3
PUBLIC/STURDY,II-CK*	48	44	49	32.7	18.7	35	2	130	2.3
COYOTE/9525	48	38	48	31.3	18.8	35	1	134	2.6
PUBLIC/PARKER,I-CK*	48	42	44	34.1	17.7	33	3	124	1.6
PUBLIC/TURNER-SCN	47	41	51	31.4	18.7	38	2	129	2.2
PUBLIC/JACK,III-CK*	42	37	45	32.6	17.5	40	3	139	2.9
Entries tested two years									
US SEEDS/US S250	.	55	54	33.4	17.8	30	1	133	2.5
THOMPSON/T-3222	.	54	58	32.1	18.3	35	1	132	2.4
KRUGER/K-2625	.	54	57	32.5	18.6	30	1	132	2.4
KAUP/2474	.	53	59	33.1	18.1	33	1	135	2.6
US SEEDS/US S219	.	53	56	33.2	17.1	30	1	131	2.4
KAUP/2275	.	53	54	33.0	17.6	33	1	130	2.3
CROPLAN GENET./L2495	.	52	58	30.7	19.1	31	1	130	2.3
PRAIRIE BR./PB217	.	52	57	31.6	18.5	27	1	131	2.4
KRUGER/K-2555	.	51	53	31.4	18.4	30	1	132	2.4
DENBESTEN/DB2500	.	50	56	31.6	18.9	30	1	133	2.5
KALTENBERG/KB240	.	50	54	30.8	18.8	29	1	131	2.4
PRAIRIE BR./PB218	.	49	59	32.2	18.5	33	1	130	2.3
DENBESTEN/DB2399	.	49	50	31.7	18.3	32	1	132	2.4
KRUGER/K-2444	.	49	53	33.5	17.8	31	1	129	2.2
MUSTANG/M-2251	.	49	53	32.2	18.3	29	1	130	2.3

Table 13 (continued).

Brand / Entry*	Yield - bu/a (13% moisture) 3yr.	2yr.	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity -- Days after seeding	2000 Maturity -- Rel. Mat. Sc.##
PRAIRIE BR./PB252	.	48	54	32.9	17.6	30	1	134	2.5
JACOBSEN/J750	.	47	50	32.4	17.7	32	1	136	2.7
US SEEDS/US S289	.	46	49	32.0	18.1	31	1	137	2.8
JACOBSEN/J772	.	45	52	32.3	18.1	31	1	134	2.5
M-W GENETICS/G2380	.	45	48	33.1	18.3	28	1	134	2.6
JACOBSEN/J897	.	45	51	31.4	18.4	34	2	133	2.5
Entries tested one year									
KRUGER/EX.K-2505	.	.	63	.	.	33	1	133	2.5
LATHAM/EX-860	.	.	61	.	.	33	2	133	2.5
HY-VIGOR/270	.	.	61	.	.	34	1	137	2.8
SANDS/EXP2890	.	.	60	.	.	30	1	133	2.5
DYNA-GRO/3234	.	.	59	.	.	36	1	132	2.4
PRAIRIE BR./PB256	.	.	59	.	.	26	1	131	2.4
THOMPSON/T-3244	.	.	59	.	.	30	1	132	2.4
LATHAM/EX-630	.	.	58	.	.	32	1	133	2.5
PRAIRIE BR./PB230	.	.	58	.	.	29	1	130	2.3
KRUGER/K-2707+	.	.	57	.	.	29	1	132	2.4
THOMPSON/EX7331	.	.	57	.	.	32	1	133	2.5
SANDS/EXP2891	.	.	57	.	.	29	1	134	2.6
ASGROW/A2553	.	.	57	.	.	29	1	133	2.5
MUSTANG/M-2252	.	.	56	.	.	32	1	133	2.5
PRAIRIE BR./PB259	.	.	56	.	.	24	1	133	2.5
THOMPSON/T-3232	.	.	56	.	.	30	1	131	2.3
DENBESTEN/DB2801	.	.	56	.	.	29	1	136	2.7
KRUGER/K-2535+	.	.	55	.	.	29	1	131	2.3
LATHAM/EX-980	.	.	55	.	.	31	1	135	2.6
PROFISEED/PS2500	.	.	55	.	.	26	1	129	2.2
KRUGER/K-2555+	.	.	55	.	.	30	1	135	2.6
KRUGER/K-2770	.	.	55	.	.	32	1	137	2.8
SANDS/EXP2599	.	.	55	.	.	28	1	132	2.4
DENBESTEN/DBX22A	.	.	54	.	.	31	1	131	2.4
LATHAM/EX-930	.	.	54	.	.	30	1	133	2.5
GOLD COUNTRY/X3823	.	.	54	.	.	33	1	132	2.4
LATHAM/EX-570	.	.	54	.	.	27	1	131	2.4
MALLARD/X2013	.	.	54	.	.	30	1	133	2.5
COYOTE/725EX	.	.	54	.	.	30	1	133	2.5
PRAIRIE BR./PB279	.	.	54	.	.	30	1	134	2.6
SANDS/EXP2399	.	.	53	.	.	29	1	135	2.6
PRAIRIE BR./PB220X	.	.	53	.	.	28	1	129	2.2
DENBESTEN/DBX25A	.	.	53	.	.	26	1	130	2.3
COYOTE/625EX	.	.	53	.	.	26	1	132	2.4
SANDS/SOI 234	.	.	53	.	.	33	1	131	2.4

Table 13 (continued).

Brand / Entry*	Yield - bu/a (13% moisture) 3yr.	2yr.	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 -- Maturity -- Days after seeding	2000 -- Maturity -- Rel. Mat. Sc.##
ASGROW/A2869	.	.	53	.	.	39	2	134	2.6
LATHAM/EX-640A	.	.	53	.	.	29	1	133	2.5
M-W GENETICS/G2215	.	.	53	.	.	28	1	132	2.4
CROPLAN GENET./L2546	.	.	53	.	.	30	1	134	2.5
LATHAM/830 BRAND	.	.	52	.	.	31	1	134	2.5
SANDS/SOI 243	.	.	52	.	.	28	1	130	2.3
HY-VIGOR/2202	.	.	52	.	.	29	1	136	2.7
DEKALB/DKB23-95	.	.	52	.	.	30	1	132	2.4
DENBESTEN/DBX28A	.	.	52	.	.	28	1	137	2.8
KRUGER/K-2515	.	.	51	.	.	23	1	133	2.5
KRUGER/K-2717+	.	.	51	.	.	31	1	139	2.9
KRUGER/K-2711	.	.	50	.	.	32	1	136	2.7
GREAT LAKES/GL2420 STS	.	.	49	.	.	32	1	131	2.4
DAHLCO/9210	.	.	48	.	.	33	1	129	2.2
CROPLAN GENET./L2195	.	.	47	.	.	26	1	128	2.1
Test average:	54	49	54	32.5	18.1	31	1		
LSD(5%) value ($):	6	8	8						
Min.top-yield value ($):	54	47	55						
Coef. of variation (#):	9	11	9						

* Ck/SCN = maturity check / soybean cyst nematode resistant, respectively.
$/+ 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.
See maturity section for relative maturity score explanation.

Table 14. Watertown, maturity group-0 Roundup Ready soybean test results, 1998-2000, N.E. Research Farm, seeded May 16.

Brand / Entry*	Yield - bu/a (13% moisture) 3yr	2yr	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity: Days after seeding
Entries tested two years								
PRAIRIE BR./PB-0910R	.	50	38	34.6	16.2	31	1	117
US SEEDS US/S0909RR	.	49	38	33.0	17.3	32	1	119
GOLDEN HARVEST/H0979RR	.	48	40	33.6	17.3	31	1	116
KRUGER/K-099+RR	.	48	39	33.3	17.3	33	1	115
KRUGER/K-099ARR	.	48	38	33.2	17.0	33	1	116
MUSTANG/M-091RR	.	48	37	33.2	17.0	30	1	116
PRAIRIE BR./PB1030RR	.	47	41	34.1	16.6	29	1	115
WENSMAN/W 2098 RR	.	47	37	33.3	17.6	32	1	115
PRAIRIE BR./PB0920RR	.	47	38	33.2	17.2	31	1	.
DENBESTEN/DB0900RR	.	46	36	33.9	16.6	31	1	116
STINE/0990-4	.	46	37	33.8	17.2	32	1	117
KRUGER/K-100RR	.	46	41	34.0	16.8	29	1	115
ASGROW/AG0801	.	45	39	33.9	17.3	34	1	112
MUSTANG/M-079RR	.	45	37	33.6	16.8	32	1	.
SODAK GENETICS/SD1091RR	.	44	36	34.6	17.3	34	1	115
PRAIRIE BR./PB0730RR	.	44	38	32.5	17.6	32	1	.
KRUGER/K-101RR	.	39	32	33.7	16.8	36	1	116
Entries tested one year								
STINE/0700-4	.	.	40	.	.	33	1	.
PROFISEED/PS 4091	.	.	39	.	.	29	1	.
DAHLCO/9090RR	.	.	39	.	.	33	1	116
PRAIRIE BR./PB0990XRR	.	.	39	.	.	33	1	116
GOLD COUNTRY/2110RR	.	.	39	.	.	30	1	116
PRAIRIE BR./PB1046XRR	.	.	38	.	.	32	1	120
KRUGER/K-133RR	.	.	38	.	.	32	1	120
WENSMAN/W 2100RR	.	.	37	.	.	31	1	115
WENSMAN/W 2070RR	.	.	37	.	.	34	1	.
PRAIRIE BR./PB0550RR	.	.	37	.	.	32	1	.
DENBESTEN/DBX08RR	.	.	37	.	.	30	1	113
KAYSTAR/K-0955RR	.	.	37	.	.	32	1	116
M-W GENETICS/G0945R	.	.	37	.	.	31	1	117
CROPLAN GENET./RT074	.	.	37	.	.	34	1	116
DENBESTEN/DBX12RR	.	.	37	.	.	29	1	116
KRUGER/K-088RR	.	.	36	.	.	28	1	113
PRAIRIE BR./PB0810RR	.	.	36	.	.	27	1	115
PROFISEED/PS 4090	.	.	36	.	.	30	1	.
KAYSTAR/K-0950RR	.	.	36	.	.	29	1	116
MUSTANG/M-082RR	.	.	35	.	.	28	1	115

Table 14 (continued).

Brand / Entry*	Yield - bu/a (13% moisture) 3yr	2yr	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity: Days after seeding
MYCOGEN/ATLAS 5097RR	.	.	35	.	.	29	1	116
GOLDEN HARVEST/H0537RR	.	.	35	.	.	34	1	.
GOLD COUNTRY/2109RR	.	.	35	.	.	30	1	116
PRAIRIE BR./PB0330XRR	.	.	34	.	.	29	1	.
GOLD COUNTRY/3811RR	.	.	34	.	.	37	1	115
CROPLAN GENET./RT087	.	.	34	.	.	26	1	114
DEKALB/DKB06-51	.	.	33	.	.	31	1	113
ASGROW/AG0901	.	.	33	.	.	38	1	114
KRUGER/EX.K-122RR	.	.	32	.	.	33	1	117
WENSMAN/W 2075RR	.	.	28	.	.	38	2	.
Test average:	.	46	36	33.6	17.1	32	1	
LSD(5%) value ($):	.	NS	3					
Min.top-yield value ($):	.	39	38					
Coef. of variation (#):	.	5	4					

* Ck/SCN = maturity check / soybean cyst nematode resistant, respectively.
$/+ See yield / protein and oil sections, respectively.
~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.
NS values within a column are not significant.
Measure of experimental error: values of < 15% are desired.
See maturity section for explanation.

Table 15. Watertown, maturity group-I Roundup Ready soybean test results, 1998-2000, N.E. Research Farm, seeded May 16.

Brand / Entry*	Yield - bu/a (13% moisture) 3yr	2yr	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity: Days after seeding
			Entries tested two years					
KRUGER/K-180RR	.	46	40	35.1	16.7	32	1	125
ASGROW/AG1301	.	45	40	33.3	17.8	29	1	115
WENSMAN/W 2198 RR	.	44	35	35.4	15.8	32	1	122
KRUGER/K-222+RR	.	42	34	34.9	16.3	29	1	125
MYCOGEN/ATLAS 5173RR	.	42	34	33.2	17.4	33	1	120
DEKALB/CX198RR	.	42	33	34.9	16.2	31	1	127
KRUGER/K-202+RR	.	42	32	35.5	16.1	32	1	127
GOLD COUNTRY/6016RR	.	41	36	31.8	17.3	35	1	116
DENBESTEN/DB1200RR	.	41	32	35.2	17.4	30	1	115
GOLDEN HARVEST/H1565RR	.	40	36	31.3	17.3	38	1	116
PRAIRIE BR./PB1620RR	.	40	34	31.9	17.0	37	1	117
MUSTANG/M-151RR	.	39	35	32.8	16.7	36	1	118
MUSTANG/E-179RR	.	39	32	32.6	16.6	33	1	123
MYCOGEN/ATLAS 5141RR	.	39	35	34.4	16.5	38	1	116
MYCOGEN/ATLAS 5115RR	.	39	33	32.9	17.3	38	1	116
MUSTANG/M-119RR	.	38	30	35.4	16.9	29	1	.
			Entries tested one year					
KALTENBERG/KB100RR	.	.	40	.	.	30	1	.
STINE/1506-4	.	.	39	.	.	34	1	117
MALLARD/RRX1011	.	.	39	.	.	31	1	.
MUSTANG/M-132RR	.	.	38	.	.	33	1	118
PRAIRIE BR./PB1540RR	.	.	38	.	.	35	1	119
US SEEDS/US E1501RR	.	.	38	.	.	34	1	118
ZILLER/BT 7150R	.	.	37	.	.	37	1	116
ZILLER/BT 7101R	.	.	37	.	.	33	1	114
DEKALB/DKB16-51	.	.	37	.	.	33	1	119
DENBESTEN/DBX13ARR	.	.	37	.	.	33	1	117
KALTENBERG/KB150RR	.	.	37	.	.	33	1	121
WENSMAN/W 2140RR	.	.	37	.	.	33	1	117
DENBESTEN/DB1301RR	.	.	37	.	.	31	1	116
PRAIRIE BR./PB1202RR	.	.	37	.	.	31	1	.
KRUGER/EX.K-141+RR	.	.	37	.	.	31	1	114
MUSTANG/M-152RR	.	.	36	.	.	35	1	120
KRUGER/EX.K-211ARR	.	.	36	.	.	32	1	126
KRUGER/K-166RR	.	.	36	.	.	34	1	120
GOLD COUNTRY/2115RR	.	.	36	.	.	33	1	120
PRAIRIE BR./PB1246RR	.	.	36	.	.	33	1	117
MUSTANG/M-142RR	.	.	36	.	.	30	1	114
KRUGER/EX.K-155+RR	.	.	36	.	.	35	1	118
KRUGER/EX.K-188RR	.	.	36	.	.	36	1	124
KRUGER/K-177RR	.	.	36	.	.	30	1	121
MUSTANG/M-199RR	.	.	36	.	.	32	1	124

Table 15 (continued).

Brand / Entry*	Yield - bu/a (13% moisture) 3yr	2yr	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity: Days after seeding
ASGROW/AG1602	.	.	36	.	.	32	1	117
KRUGER/K-199+RR	.	.	35	.	.	32	1	127
TOP FARM/E1971RR	.	.	35	.	.	29	1	122
TOP FARM/E3193RR	.	.	35	.	.	34	1	125
DENBESTEN/DB1601RR	.	.	35	.	.	34	1	124
SANDS/RXP 1800RR	.	.	35	.	.	31	1	123
DAHLCO/9146RR	.	.	35	.	.	38	1	118
DENBESTEN/DB2001RR	.	.	35	.	.	31	1	127
DAHLCO/9160RR	.	.	35	.	.	36	1	116
WENSMAN/W 2160RR	.	.	34	.	.	35	1	118
DEKALB/DKB19-51	.	.	34	.	.	30	1	122
KRUGER/K-232RR	.	.	34	.	.	34	1	127
DENBESTEN/DBX18ARR	.	.	34	.	.	31	1	122
KRUGER/K-222RR	.	.	34	.	.	30	1	126
ASGROW/AG1801	.	.	34	.	.	30	1	127
KRUGER/EX.K-221RR	.	.	34	.	.	32	1	125
PRAIRIE BR./PB1911XRR	.	.	34	.	.	30	1	121
US SEEDS/US E1901RR	.	.	34	.	.	31	1	125
PRAIRIE BR./PB1930XRR	.	.	33	.	.	30	1	124
DAIRYLAND/DSR-130/RR	.	.	33	.	.	35	1	118
PRAIRIE BR./PB1901RR	.	.	33	.	.	33	1	126
TOP FARM/TF6149RR	.	.	33	.	.	36	1	121
M-W GENETICS/G1100R	.	.	33	.	.	36	1	.
LG SEEDS/LG 6199RR	.	.	33	.	.	35	1	.
KRUGER/K-223+RR	.	.	32	.	.	33	1	126
KAYSTAR/K-1750RR	.	.	32	.	.	34	1	120
DENBESTEN/DBX19ARR	.	.	32	.	.	36	1	125
TOP FARM/E3753RR	.	.	31	.	.	36	1	125
TOP FARM/TF6179RR	.	.	31	.	.	35	1	123
KRUGER/K-221+RR	.	.	31	.	.	31	1	128
TOP FARM/E8138RR	.	.	31	.	.	31	1	124
TOP FARM/TF6190RR	.	.	31	.	.	40	1	123
GOLDEN HARVEST/X9120ZR	.	.	29	.	.	30	1	115
SANDS/SOI 211RR	.	.	29	.	.	36	1	129
Test average:	.	41	34	33.8	16.8	34	1	
LSD(5%) value ($):	.	NS	3					
Min.top-yield value ($):	.	38	37					
Coef. of variation (#):	.	6	5					

* Ck/SCN = maturity check / soybean cyst nematode resistant, respectively.
$/+ See yield / protein and oil sections, respectively.
~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.
NS values within a column are not significant.
Measure of experimental error: values of < 15% are desired.
See maturity section for explanation.

Table 16. Brookings, maturity group-0 Roundup Ready soybean test results, 1998-2000, SDSU Agronomy Farm, seeded May 22.

Brand / Entry*	Yield - bu/a (13% moisture) 3yr	2yr	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity: Days after seeding
			Entries tested three years					
KRUGER/K-099+RR	52	56	63	33.6	17.6	36	1	115
SANDS/EXP 0909RR	52	56	63	32.9	17.8	34	1	116
STINE/0990-4	52	58	61	34.0	17.6	35	1	117
WENSMAN/W 2098 RR	51	55	60	33.4	17.7	33	1	115
GOLDEN HARVEST/H0979RR	51	56	62	33.6	17.7	34	1	116
			Entries tested two years					
MUSTANG/M-091RR	.	60	63	33.7	17.5	32	1	116
PRAIRIE BR./PB-0910R	.	60	63	34.0	17.5	35	1	117
KRUGER/K-099ARR	.	57	63	33.1	17.9	37	1	116
KRUGER/K-100RR	.	56	63	33.0	17.8	34	1	115
PRAIRIE BR./PB1030RR	.	55	62	31.9	18.3	36	1	115
DENBESTEN/DB0900RR	.	55	60	32.7	18.3	34	1	116
SODAK GENETICS/SD1091RR	.	54	59	33.8	18.3	39	2	115
US SEEDS/US S0909RR	.	54	54	33.3	17.9	32	1	119
KAYSTAR/K0950RR	.	53	59	33.6	17.6	34	1	116
KRUGER/K-101RR	.	49	54	34.4	16.9	40	2	116
			Entries tested one year					
DENBESTEN/DBX12RR	.	.	65	.	.	32	1	116
KRUGER/K-133RR	.	.	63	.	.	38	2	120
PRAIRIE BR./PB1046XRR	.	.	63	.	.	37	2	120
ASGROW/AG0801	.	.	63	.	.	38	2	112
WENSMAN/W 2100RR	.	.	62	.	.	31	1	115
PRAIRIE BR./PB0990XRR	.	.	61	.	.	33	1	116
DAHLCO/9090RR	.	.	61	.	.	34	1	116
GOLD COUNTRY/2110RR	.	.	60	.	.	34	1	116
PRAIRIE BR./PB0810RR	.	.	60	.	.	30	1	115
DENBESTEN/DBX08RR	.	.	60	.	.	29	1	113
GOLD COUNTRY/3811RR	.	.	60	.	.	41	2	115
KRUGER/K-088RR	.	.	59	.	.	31	1	113
KAYSTAR/K-0955RR	.	.	59	.	.	37	1	116
GOLD COUNTRY/2109RR	.	.	59	.	.	34	1	116
CROPLAN GENET./RT074	.	.	59	.	.	37	1	116
MYCOGEN/ATLAS 5097RR	.	.	58	.	.	33	1	116
M-W GENETICS/G0945R	.	.	57	.	.	34	1	117
MUSTANG/M-082RR	.	.	57	.	.	31	1	115
ASGROW/AG0901	.	.	56	.	.	42	2	114
CROPLAN GENET./RT087	.	.	56	.	.	30	1	114
DEKALB/DKB06-51	.	.	54	.	.	35	1	113
KRUGER/EX.K-122RR	.	.	54	.	.	39	2	117
Test average:	52	56	58	33.4	17.8	35	1	
LSD(5%) value ($):	NS	NS	4					
Min.top-yield value ($):	51	49	61					
Coef. of variation (#):	4	5	4					

* Ck/SCN = maturity check / soybean cyst nematode resistant, respectively.
$/+ See yield / protein and oil sections, respectively.
~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.
NS values within a column are not significant.
Measure of experimental error: values of < 15% are desired.
See maturity section for explanation.

Table 17. Brookings, maturity group-I Roundup Ready soybean test results, 1998-2000, SDSU Agronomy Farm, seeded May 22.

Brand / Entry*	Yield - bu/a (13% moisture) 3yr	2yr	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity: Days after seeding
			Entries tested three years					
MUSTANG/M-199RR	53	55	56	32.4	18.0	37	2	124
WENSMAN/W 2198 RR	52	54	54	32.9	17.8	38	2	122
GOLDEN HARVEST/H1565RR	52	52	58	30.8	18.2	40	2	116
PRAIRIE BR./PB1920RR	50	51	52	31.3	17.9	44	2	119
DYNA-GRO/DG3196RR	49	50	46	32.3	18.2	37	1	125
HY-VIGOR/2063RR	45	47	47	34.5	18.2	41	2	120
			Entries tested two years					
KRUGER/K-222+RR	.	55	56	33.6	17.9	37	2	125
DAIRYLAND/DSR-197/RR	.	54	59	32.8	18.0	34	1	119
DEKALB/CX198RR	.	54	53	33.5	17.7	38	2	127
KRUGER/K-202+RR	.	54	52	34.2	17.5	38	3	127
PRAIRIE BR./PB2097RR	.	54	52	34.3	17.0	42	3	129
THOMPSON/EX9701RR	.	54	54	33.4	17.6	38	1	123
ASGROW/AG1301	.	53	57	32.0	18.9	35	1	115
PRAIRIE BR./PB2002RR	.	53	52	31.2	18.6	35	2	126
GOLDEN HARVEST/X81911R	.	52	51	33.3	17.6	39	2	125
KRUGER/K-180RR	.	52	54	33.7	17.5	40	1	125
DAIRYLAND/DSR-215/RR	.	52	55	31.8	18.3	37	1	121
MYCOGEN/ATLAS 5173RR	.	52	53	32.3	18.2	41	1	120
MUSTANG/M-151RR	.	52	58	31.3	18.0	41	2	118
PRAIRIE BR./PB1620RR	.	51	56	31.4	18.1	41	2	117
GOLD COUNTRY/6016RR	.	51	57	31.7	17.8	40	1	116
MUSTANG/E-179RR	.	50	51	31.3	18.7	43	1	123
MYCOGEN/ATLAS 5141RR	.	50	50	33.7	17.5	45	1	116
COYOTE/9419RR	.	50	50	32.0	18.0	42	2	126
PRAIRIE BR./PB2130XR	.	48	50	29.9	18.8	35	1	124
MYCOGEN/ATLAS 5115RR	.	48	53	33.3	17.6	44	2	116
TOP FARM/TF6179RR	.	48	48	35.9	17.3	42	1	123
DENBESTEN/DB1200RR	.	45	52	35.2	17.2	33	1	115
			Entries tested one year					
DAHLCO/9160RR	.	.	61	.	.	38	2	116
KRUGER/K-166RR	.	.	60	.	.	43	2	120
DENBESTEN/DBX13ARR	.	.	60	.	.	37	2	117
SANDS/RXP 1310RR	.	.	59	.	.	38	2	117
MUSTANG/M-132RR	.	.	59	.	.	35	1	118
WENSMAN/W 2160RR	.	.	59	.	.	40	2	118
MUSTANG/M-152RR	.	.	59	.	.	40	2	120
PRAIRIE BR./PB1246RR	.	.	59	.	.	37	2	117
ZILLER/BT 7101R	.	.	59	.	.	37	1	114
KRUGER/EX.K-155+RR	.	.	58	.	.	40	2	118

Table 17 (continued).

Brand / Entry*	Yield - bu/a (13% moisture) 3yr	2yr	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity: Days after seeding
DAHLCO/9145RR	.	.	58	.	.	37	1	119
M-W GENETICS/G1710R	.	.	58	.	.	42	2	117
LATHAM/EX-137RR	.	.	58	.	.	36	1	118
WENSMAN/W 2140RR	.	.	57	.	.	38	2	117
ZILLER/BT 7150R	.	.	57	.	.	39	1	116
KRUGER/K-177RR	.	.	57	.	.	35	1	121
KRUGER/EX.K-211ARR	.	.	57	.	.	39	2	126
PRAIRIE BR./PB1402RR	.	.	56	.	.	33	1	115
DENBESTEN/DB1301RR	.	.	56	.	.	33	1	116
KRUGER/EX.K-141+RR	.	.	56	.	.	33	1	114
DEKALB/DKB16-51	.	.	55	.	.	42	2	119
KRUGER/K-232RR	.	.	55	.	.	42	3	127
MUSTANG/M-142RR	.	.	55	.	.	32	1	114
KRUGER/EX.K-221RR	.	.	55	.	.	40	3	125
STINE/1506-4	.	.	55	.	.	36	1	117
KRUGER/EX.K-188RR	.	.	55	.	.	37	3	124
ZILLER/BT 7191R	.	.	55	.	.	36	1	121
PRAIRIE BR./PB2101RR	.	.	55	.	.	37	2	127
KAUP/203R	.	.	55	.	.	34	1	124
SANDS/RXP 1515RR	.	.	55	.	.	38	1	121
ASGROW/AG1602	.	.	55	.	.	38	1	117
GOLD COUNTRY/2115RR	.	.	54	.	.	37	2	120
DEKALB/DKB19-51	.	.	54	.	.	34	1	122
LATHAM/EX-187RR	.	.	54	.	.	40	2	118
PRAIRIE BR./PB1540RR	.	.	54	.	.	41	2	119
DENBESTEN/DBX18ARR	.	.	54	.	.	38	1	122
KALTENBERG/KB150RR	.	.	54	.	.	38	1	121
DENBESTEN/DB2001RR	.	.	54	.	.	40	3	127
DAIRYLAND/DSR-130/RR	.	.	53	.	.	40	2	118
KRUGER/K-199+RR	.	.	53	.	.	39	2	127
US SEEDS/US E1501RR	.	.	53	.	.	39	2	118
DENBESTEN/DB1601RR	.	.	53	.	.	41	1	124
DAHLCO/9146RR	.	.	53	.	.	43	3	118
TOP FARM/E1971RR	.	.	53	.	.	35	1	122
MALLARD/RRX1511	.	.	53	.	.	38	1	118
PROFISEED/PS 4199	.	.	53	.	.	39	2	124
KAYSTAR/K-1750RR	.	.	52	.	.	38	1	120
KRUGER/K-222RR	.	.	52	.	.	36	2	126
PRAIRIE BR./PB2009XRR	.	.	52	.	.	38	2	124
US SEEDS/US E1901RR	.	.	52	.	.	34	2	125

Table 17 (continued).

Brand / Entry*	Yield - bu/a (13% moisture) 3yr	2yr	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity: Days after seeding
LATHAM/337RR BRAND	.	.	52	.	.	41	1	125
ASGROW/AG1801	.	.	52	.	.	34	2	127
PRAIRIE BR./PB2000XRR	.	.	52	.	.	43	3	130
MALLARD/RRX1912	.	.	52	.	.	36	1	125
PRAIRIE BR./PB1911XRR	.	.	51	.	.	37	2	121
CROPLAN GENET./RT182	.	.	51	.	.	38	3	125
KRUGER/K-223+RR	.	.	51	.	.	37	2	126
TOP FARM/TF6190RR	.	.	51	.	.	43	3	123
PRAIRIE BR./PB2121RR	.	.	51	.	.	39	3	126
PRAIRIE BR./PB1901RR	.	.	50	.	.	38	2	126
DYNA-GRO/DG3193RR	.	.	50	.	.	35	2	122
THOMPSON/T-3180RR	.	.	50	.	.	41	2	124
TOP FARM/TF6149RR	.	.	50	.	.	37	1	121
TOP FARM/E3193RR	.	.	50	.	.	37	1	125
KAUP/188R	.	.	50	.	.	42	2	123
TOP FARM/E3753RR	.	.	50	.	.	44	1	125
SANDS/RXP 1800RR	.	.	49	.	.	34	1	123
GOLDEN HARVEST/X91202R	.	.	49	.	.	33	1	115
KRUGER/K-221+RR	.	.	49	.	.	36	2	128
CROPLAN GENET./RT194	.	.	49	.	.	35	2	125
PRAIRIE BR./PB202-2XRR	.	.	49	.	.	36	2	126
TOP FARM/E8138RR	.	.	48	.	.	37	2	124
LATHAM/EX-407RR	.	.	48	.	.	35	3	126
DENBESTEN/DBX19ARR	.	.	48	.	.	44	3	125
SANDS/SOI 211RR	.	.	46	.	.	44	2	129
Test average:	50	51	53	32.7	17.9	39	2	
LSD(5%) value ($):	NS	NS	4					
Min.top-yield value ($):	45	45	57					
Coef. of variation (#):	9	7	5					

* Ck/SCN = maturity check / soybean cyst nematode resistant, respectively.
$/+ See yield / protein and oil sections, respectively.
~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.
NS values within a column are not significant.
Measure of experimental error: values of < 15% are desired.
See maturity section for explanation.

Table 18. Armour, maturity group-I Roundup Ready soybean test results, 1998-2000, Robert Clark farm, seeded May 15.

Brand / Entry*	Yield - bu/a (13% moisture) 3yr	2yr	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity: Days after seeding
			Entries tested three years					
KRUGER/K-202RR	49	41	37	32.2	18.2	22	1	128
GOLDEN HARVEST/H1565RR	49	41	38	31.9	18.0	23	1	116
			Entries tested two years					
KRUGER/K-202+RR	.	47	47	33.4	17.8	27	1	127
COYOTE/9419RR	.	44	47	31.9	18.0	27	1	126
DEKALB/CX198RR	.	44	47	32.6	18.3	25	1	127
JACOBSEN/J699RR	.	44	46	32.5	18.8	25	1	128
KRUGER/K-222+RR	.	44	44	33.1	18.2	24	1	125
PRAIRIE BR./PB2130XR	.	43	41	29.9	19.5	25	1	124
GOLDEN HARVEST/X81911R	.	43	42	34.4	17.9	25	1	125
PRAIRIE BR./PB2097RR	.	43	41	33.7	17.7	24	1	129
DAIRYLAND/DSR-197/RR	.	41	39	33.8	18.2	23	1	119
MUSTANG/M-199RR	.	41	40	32.0	18.9	26	1	124
KRUGER/K-180RR	.	39	36	33.8	18.0	25	1	125
DAIRYLAND/DSR-215/RR	.	39	34	33.9	17.7	23	1	121
			Entries tested one year					
PRAIRIE BR./PB2000XRR	.	.	53	.	.	28	1	130
PRAIRIE BR./PB202-2XRR	.	.	51	.	.	27	1	126
DEKALB/DKB19-51	.	.	50	.	.	25	1	122
KRUGER/EX.K-211ARR	.	.	48	.	.	26	1	126
US SEEDS/US E1501RR	.	.	48	.	.	25	1	118
SANDS/RXP 1911RR	.	.	48	.	.	26	1	126
KRUGER/K-222RR	.	.	48	.	.	25	1	126
MALLARD/RRX1912	.	.	46	.	.	26	1	125
KRUGER/K-221+RR	.	.	45	.	.	24	1	128
ASGROW/AG1801	.	.	43	.	.	23	1	127
KRUGER/K-232RR	.	.	43	.	.	23	1	127
PRAIRIE BR./ PB2101RR	.	.	42	.	.	24	1	127
PRAIRIE BR./PB1901RR	.	.	42	.	.	24	1	126
SANDS/RXP 1515RR	.	.	42	.	.	24	1	121
KRUGER/K-223+RR	.	.	42	.	.	27	1	126
DENBESTEN/DBX19ARR	.	.	42	.	.	29	1	125
KRUGER/K-177RR	.	.	42	.	.	23	1	121
PROFISEED/PS 4206	.	.	42	.	.	24	1	130
KRUGER/EX.K-188RR	.	.	41	.	.	24	1	124
KRUGER/EX.K-155+RR	.	.	41	.	.	23	1	118
DENBESTEN/DBX18ARR	.	.	41	.	.	23	1	122
SANDS/RXP 1800RR	.	.	40	.	.	23	1	123
US SEEDS/US E1901RR	.	.	40	.	.	22	1	125
KRUGER/K-166RR	.	.	40	.	.	23	1	120
STINE/1700-4	.	.	40	.	.	23	1	.

Table 18 (continued).

Brand / Entry*	Yield - bu/a (13% moisture) 3yr	2yr	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity: Days after seeding
PRAIRIE BR./PB1911XRR	.	.	40	.	.	24	1	121
PROFISEED/PS 4199	.	.	40	.	.	24	1	124
DENBESTEN/DB1601RR	.	.	39	.	.	24	1	124
PRAIRIE BR./PB2121RR	.	.	38	.	.	24	1	126
THOMPSON/T-3200RR	.	.	38	.	.	24	1	123
KRUGER/EX.K-141+RR	.	.	37	.	.	22	1	114
KRUGER/EX.K-221RR	.	.	37	.	.	24	1	125
KAUP/203R	.	.	36	.	.	23	1	124
KRUGER/K-199+RR	.	.	36	.	.	24	1	127
DENBESTEN/DB2001RR	.	.	36	.	.	23	1	127
PRAIRIE BR./PB2009XRR	.	.	34	.	.	23	1	124
Test average:	49	42	41	32.8	18.2	25	1	
LSD(5%) value ($):	NS	NS	11					
Min.top-yield value ($):	49	39	42					
Coef. of variation (#):	16	15	17					

* Ck/SCN = maturity check / soybean cyst nematode resistant, respectively.
$/+ See yield / protein and oil sections, respectively.
~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.
NS values within a column are not significant.
Measure of experimental error: values of < 15% are desired.
See maturity section for explanation.

Table 19. Armour, maturity group-II Roundup Ready soybean test results, 1998-2000, Robert Clark Farm, seeded May 15.

Brand / Entry*	Yield - bu/a (13% moisture) 3yr	2yr	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity: Days after seeding
			Entries tested three years					
KRUGER/K-250RR	54	48	44	33.2	17.7	24	1	134
KAUP/237R	53	47	44	33.1	17.6	24	1	133
GOLDEN HARVEST/H1274RR	52	46	43	31.6	18.4	23	1	135
MUSTANG/M-208RR	51	44	41	32.5	17.4	27	1	.
DAIRYLAND/DSR-241/RR	50	46	47	32.9	17.7	21	1	.
KRUGER/K-289RR	50	42	40	32.8	17.9	24	1	134
SANDS/SOI 248RR	49	42	40	33.3	17.7	25	1	.
SANDS/SOI 275RR	47	38	33	34.2	17.7	25	1	.
			Entries tested two years					
LATHAM/EX-457RR	.	48	46	32.5	18.3	25	1	133
PRAIRIE BR./PB2779RR	.	47	43	32.6	17.9	27	1	134
PRAIRIE BR./PB2397RR	.	46	43	32.9	18.3	23	1	133
DENBESTEN/DB2200RR	.	46	42	33.5	17.7	23	1	132
JACOBSEN/J792RR	.	46	43	32.3	18.1	26	1	132
PRAIRIE BR./PB2297RR	.	46	44	33.3	17.2	26	1	133
MUSTANG/M-271RR	.	45	41	33.7	18.1	29	1	135
DENBESTEN/DB2899RR	.	45	40	33.8	17.5	27	1	133
HOEGEMEYER/283RR	.	45	43	33.4	17.1	27	1	136
HOEGEMEYER/EXP2301RR	.	45	40	32.8	17.6	24	1	134
STINE/2300-4	.	44	43	31.3	18.5	24	1	133
PRAIRIE BR./PB2717RR	.	44	41	32.9	18.5	29	1	133
KRUGER/K-266RR	.	44	37	33.9	17.4	22	1	132
PRAIRIE BR./PB2620RR	.	44	37	32.5	17.8	23	1	134
MUSTANG/M-239RR	.	43	38	34.4	17.5	22	1	133
MUSTANG/E-222RR	.	43	37	33.8	17.3	23	1	134
GREAT LAKES/GL2300RR	.	43	35	34.3	17.6	23	1	133
KRUGER/K-292+RR	.	42	38	35.1	17.2	26	1	137
PRAIRIE BR./PB2430RR	.	41	36	34.3	17.6	22	1	134
US SEEDS/US S2009RR	.	40	37	32.7	18.7	25	1	131
PRAIRIE BR./PB2290RR	.	39	34	34.6	17.7	21	1	.
HOEGEMEYER/241RR	.	39	35	33.6	17.5	24	1	133
			Entries tested one year					
MYCOGEN/ATLAS 5280RR	.	.	50	.	.	25	1	135
DEKALB/DKB28-51	.	.	49	.	.	24	1	135
MUSTANG/E-242RR	.	.	46	.	.	25	1	133
KRUGER/K-279RR	.	.	46	.	.	26	1	134
KRUGER/K-244RR	.	.	46	.	.	25	1	132
HY-VIGOR/266RR	.	.	45	.	.	24	1	132
DAIRYLAND/DSR-228/RR	.	.	45	.	.	23	1	130
DENBESTEN/DB2601RR	.	.	45	.	.	26	1	131
SANDS/RXP 2526RR	.	.	45	.	.	32	1	132
SANDS/SOI 226RR	.	.	45	.	.	24	1	134

Table 19 (continued).

Brand / Entry*	Yield - bu/a (13% moisture) 3yr	2yr	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity: Days after seeding
KRUGER/K-262+RR	.	.	45	.	.	22	1	131
KRUGER/EX.K-252+RR	.	.	44	.	.	22	1	131
CROPLAN GENET./RT224	.	.	44	.	.	25	1	135
LATHAM/EX-807RR	.	.	44	.	.	26	1	132
PROFISEED/PS X42	.	.	44	.	.	24	1	130
ASGROW/AG2703	.	.	44	.	.	30	1	132
KRUGER/K-288RR	.	.	44	.	.	25	1	133
KRUGER/EX.K-257RR	.	.	44	.	.	29	1	135
KRUGER/K-282RR	.	.	44	.	.	24	1	135
PRAIRIE BR./PB2505XRR	.	.	43	.	.	27	1	134
KRUGER/K-271RR	.	.	43	.	.	24	1	134
KRUGER/K-269RR	.	.	42	.	.	27	1	133
PRAIRIE BR./PB2022XRR	.	.	42	.	.	24	1	133
PRAIRIE BR./PB2404XRR	.	.	42	.	.	23	1	137
PRAIRIE BR./PB2299XRR	.	.	42	.	.	24	1	131
KRUGER/K-299+RR	.	.	42	.	.	26	1	135
MUSTANG/E-212RR	.	.	42	.	.	25	1	131
KRUGER/EX.K-282+RR	.	.	42	.	.	26	1	133
PRAIRIE BR./PB2730RR	.	.	42	.	.	27	1	133
DYNA-GRO/DG3232RR	.	.	42	.	.	23	1	131
ASGROW/AG2102	.	.	42	.	.	24	1	130
GOLDEN HARVEST/X92304R	.	.	42	.	.	24	1	132
US SEEDS/US E2101RR	.	.	42	.	.	25	1	129
LATHAM/EX-697RR	.	.	42	.	.	23	1	131
KRUGER/K-256RR	.	.	41	.	.	25	1	130
HY-VIGOR/222RR	.	.	41	.	.	26	1	130
JACOBSEN/J702RR	.	.	41	.	.	24	1	129
PRAIRIE BR./PB2590XRR	.	.	41	.	.	24	1	135
ASGROW/AG2302	.	.	41	.	.	21	1	128
SANDS/RXP 2789RR	.	.	41	.	.	24	1	135
PRAIRIE BR./PB2700XRR	.	.	41	.	.	24	1	133
ASGROW/AG2602	.	.	41	.	.	27	1	132
DEKALB/DKB26-51	.	.	41	.	.	19	1	132
KRUGER/EX.K-270RR	.	.	41	.	.	25	1	134
KRUGER/K-255RR	.	.	41	.	.	27	1	134
DYNA-GRO/DG3212RR	.	.	41	.	.	24	1	131
PRAIRIE BR./PB2021XRR	.	.	40	.	.	24	1	132
DAIRYLAND/DSR-272/RR	.	.	40	.	.	24	1	134
COYOTE/9626RR	.	.	40	.	.	24	1	132
US SEEDS/US S2409RR	.	.	40	.	.	25	1	133
DEKALB/DKB23-51	.	.	40	.	.	23	1	131
SANDS RXP/2800RR	.	.	40	.	.	28	1	136
DENBESTEN/DBX21ARR	.	.	40	.	.	24	1	131
LATHAM/EX-507RR	.	.	40	.	.	23	1	129
DENBESTEN/DBX24ARR	.	.	39	.	.	22	1	132

Table 19 (continued).

Brand / Entry*	Yield - bu/a (13% moisture) 3yr	2yr	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity: Days after seeding
SANDS/SOI 244RR	.	.	39	.	.	22	1	132
PRAIRIE BR./PB2510RR	.	.	39	.	.	22	1	131
DEKALB/DKB26-52	.	.	39	.	.	27	1	132
MALLARD/RRX2212	.	.	39	.	.	23	1	131
US SEEDS/US E2201RR	.	.	39	.	.	24	1	130
MUSTANG/E-272RR	.	.	38	.	.	24	1	132
HOEGEMEYER/207RR	.	.	38	.	.	23	1	130
KRUGER/K-277RR	.	.	38	.	.	23	1	132
SANDS/EXP 2111RR	.	.	38	.	.	21	1	131
GREAT LAKES/GL2502RR	.	.	38	.	.	25	1	134
LATHAM/EX-667ARR	.	.	38	.	.	23	1	134
DENBESTEN/DB2401RR	.	.	38	.	.	22	1	133
MYCOGEN/ATLAS 5240RR	.	.	38	.	.	22	1	134
MYCOGEN/ATLAS 5204RR	.	.	37	.	.	24	1	130
KAYSTAR/K-2251RR	.	.	37	.	.	23	1	.
LG SEEDS/LGC 2626RR	.	.	37	.	.	24	1	.
GREAT LAKES/GL2102RR	.	.	37	.	.	22	1	130
LATHAM/EX-467RR	.	.	36	.	.	22	1	130
PRAIRIE BR./PB2117XRR	.	.	36	.	.	21	1	130
LG SEEDS/LGC 2425RR	.	.	36	.	.	22	1	.
KAUP/254R	.	.	36	.	.	22	1	134
CROPLAN GENET./RT245	.	.	36	.	.	22	1	131
KRUGER/K-266+RR	.	.	35	.	.	22	1	132
PRAIRIE BR./PB2715XRR	.	.	33	.	.	22	1	134
ASGROW/AG2103	.	.	33	.	.	23	1	130
Test average:	51	44	40	33.3	17.8	25	1	
LSD(5%) value ($):	NS	5	7					
Min.top-yield value ($):	47	43	43					
Coef. of variation (#):	11	11	11					

* Ck/SCN = maturity check / soybean cyst nematode resistant, respectively.
$/+ See yield / protein and oil sections, respectively.
~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.
NS values within a column are not significant.
Measure of experimental error: values of < 15% are desired.
See maturity section for explanation.

Table 20. Beresford, maturity group-I Roundup Ready soybean test results, 1998-2000, S.E. Research Farm, seeded May 9.

Brand / Entry*	Yield - bu/a (13% moisture) 3yr	2yr	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity: Days after seeding
			Entries tested two years					
KRUGER/K-220RR	.	56	55	33.6	17.5	34	1	128
PRAIRIE BR./PB2097RR	.	55	56	34.0	17.4	34	1	129
SANDS/SOI 211RR	.	53	53	34.3	17.1	38	1	129
PROFISEED/PS 4206	.	53	55	32.8	17.7	36	1	130
KRUGER/K-202+RR	.	51	52	33.5	17.7	32	1	127
DEKALB/CX198RR	.	51	53	33.2	17.9	32	1	127
KRUGER/K-202RR	.	49	51	34.0	17.2	33	1	128
MUSTANG/M-199RR	.	49	53	33.1	17.7	31	1	124
KRUGER/K-222+RR	.	48	49	34.0	17.5	29	1	125
GOLDEN HARVEST/X81911R	.	46	49	32.5	18.0	31	1	125
KRUGER/K-180RR	.	46	47	33.7	17.7	32	1	125
THOMPSON/EX9701RR	.	46	53	33.6	18.2	33	1	123
TOP FARM/TF6179RR	.	36	43	35.0	17.6	32	1	123
			Entries tested one year					
THOMPSON/EX0721RR	.	.	59	.	.	31	1	132
ZILLER/BT 7191R	.	.	57	.	.	29	1	121
KRUGER/K-199+RR	.	.	57	.	.	29	1	127
TOP FARM/E3753RR	.	.	56	.	.	34	1	125
TOP FARM/E1971RR	.	.	56	.	.	27	1	122
KRUGER/EX.K-211ARR	.	.	56	.	.	28	1	126
KRUGER/EX.K-221RR	.	.	56	.	.	31	1	125
KRUGER/K-221+RR	.	.	56	.	.	29	1	128
KAUP/203R	.	.	55	.	.	26	1	124
KRUGER/K-222RR	.	.	55	.	.	30	1	126
PRAIRIE BR./PB2101RR	.	.	55	.	.	32	1	127
PRAIRIE BR./PB202-2XRR	.	.	54	.	.	31	1	126
SANDS/RXP 1911RR	.	.	54	.	.	31	1	126
KRUGER/K-232RR	.	.	54	.	.	32	1	127
PRAIRIE BR./PB1901RR	.	.	54	.	.	32	1	126
STINE/2016-4	.	.	54	.	.	31	1	128
PRAIRIE BR./PB2121RR	.	.	53	.	.	32	1	126
LATHAM/337RR	.	.	52	.	.	32	1	125
THOMPSON/T-3180RR	.	.	52	.	.	32	1	124
COYOTE/9419RR	.	.	52	.	.	34	1	126
ASGROW/AG1801	.	.	52	.	.	28	1	127
TOP FARM/E8138RR	.	.	52	.	.	30	1	124
SANDS/RXP 1800RR	.	.	51	.	.	29	1	123
DEKALB/DKB19-51	.	.	51	.	.	29	1	122
PRAIRIE BR./PB1930XRR	.	.	51	.	.	31	1	124

Table 20 (continued).

Brand / Entry*	Yield - bu/a (13% moisture) 3yr	2yr	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity: Days after seeding
KRUGER/K-166RR	.	.	51	.	.	34	2	120
DENBESTEN/DB2001RR	.	.	51	.	.	32	1	127
KRUGER/K-177RR	.	.	51	.	.	27	1	121
KRUGER/K-223+RR	.	.	51	.	.	34	1	126
US SEEDS/US E1901RR	.	.	51	.	.	29	1	125
SANDS/RXP 1515RR	.	.	50	.	.	30	1	121
JACOBSEN/J699RR	.	.	50	.	.	33	1	128
KRUGER/EX.K-188RR	.	.	50	.	.	31	1	124
DAHLCO/9145RR	.	.	49	.	.	28	1	119
TOP FARM/E3193RR	.	.	49	.	.	31	1	125
CROPLAN GENET./RT182	.	.	48	.	.	30	1	125
DENBESTEN/DBX18ARR	.	.	48	.	.	29	1	122
DENBESTEN/DB1601RR	.	.	48	.	.	28	1	124
CROPLAN GENET./RT194	.	.	48	.	.	32	1	125
LATHAM/EX-407RR	.	.	47	.	.	30	1	126
TOP FARM/TF6149RR	.	.	43	.	.	33	1	121
TOP FARM/TF6190RR	.	.	42	.	.	37	2	123
Test average:	.	49	51	33.6	17.6	32	1	
LSD(5%) value ($):	.	8	5					
Min.top-yield value ($):	.	48	54					
Coef. of variation (#):	.	10	7					

* Ck/SCN = maturity check / soybean cyst nematode resistant, respectively.
$/+ See yield / protein and oil sections, respectively.
~ Lodging: 1= all plants erect, 3= some at 45 degrees, 5= all plants flat.
NS values within a column are not significant.
Measure of experimental error: values of < 15% are desired.
See maturity section for explanation.

Table 21. Beresford, maturity group-II Roundup Ready soybean test results, 1998-2000, S.E. Research Farm, seeded May 9.

Brand / Entry*	Yield - bu/a (13% moisture) 3yr	2yr	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity: Days after seeding
Entries tested two years								
KRUGER/K-250RR	.	57	60	32.6	17.9	34	1	134
STINE/2300-4	.	56	58	32.8	18.0	33	1	133
MUSTANG/E-222RR	.	55	57	31.9	17.7	35	1	134
PRAIRIE BR./PB2397RR	.	54	55	32.2	18.2	35	1	133
KAUP/237R	.	54	57	33.0	17.6	35	1	133
PRAIRIE BR./PB2297RR	.	53	55	33.2	17.7	34	1	133
DENBESTEN/DB2200RR	.	52	55	32.5	17.7	34	1	132
JACOBSEN/J792RR	.	52	52	33.2	17.8	33	1	132
KRUGER/K-266RR	.	52	58	33.1	17.8	33	1	132
LG SEEDS/LG 6222CRR	.	51	51	32.8	18.2	33	1	133
PRAIRIE BR./PB2779RR	.	51	52	32.7	17.3	35	1	134
KRUGER/K-289RR	.	51	50	34.4	17.0	29	1	134
KALTENBERG/KB249RR	.	51	54	33.4	17.6	28	1	132
HOEGEMEYER/241RR	.	50	53	33.8	17.1	31	1	133
PRAIRIE BR./PB2620RR	.	50	53	33.7	17.1	29	1	134
HOEGEMEYER/EXP2301RR	.	49	55	32.4	17.9	36	1	134
MUSTANG/M-239RR	.	49	52	33.5	17.6	30	1	133
GOLDEN HARVEST/H1274RR	.	48	52	30.7	19.0	28	1	135
MUSTANG/M-244RR	.	48	53	32.9	17.5	35	1	134
PRAIRIE BR./PB2430RR	.	48	51	32.8	18.0	29	1	134
HOEGEMEYER/283RR	.	48	52	33.0	17.0	31	1	136
GREAT LAKES/GL2300RR	.	47	52	33.7	17.5	29	1	133
DENBESTEN/DB2899RR	.	46	51	33.3	17.8	32	1	133
US SEEDS/US S2409RR	.	46	51	33.0	17.8	29	1	133
JACOBSEN/J794RR	.	45	49	33.8	17.6	28	1	132
KRUGER/K-292+RR	.	45	45	34.5	17.1	33	1	137
US SEEDS/US S2009RR	.	45	51	33.3	18.0	33	1	131
US SEEDS/US S2709RR	.	40	55	32.3	18.5	38	2	133
MUSTANG/M-271RR	.	38	52	33.0	18.3	37	2	135
Entries tested one year								
ASGROW/AG2703	.	.	61	.	.	35	1	132
PRAIRIE BR./PB2700XRR	.	.	60	.	.	33	1	133
MUSTANG/E-272RR	.	.	59	.	.	30	1	132
PRAIRIE BR./PB2117XRR	.	.	59	.	.	28	1	130
SANDS/RXP 2789RR	.	.	59	.	.	33	1	135
DENBESTEN/DBX21ARR	.	.	59	.	.	33	1	131
KRUGER/K-269RR	.	.	58	.	.	35	1	133
PRAIRIE BR./PB2730RR	.	.	58	.	.	33	1	133
KRUGER/K-288RR	.	.	58	.	.	33	1	133
DEKALB/DKB23-51	.	.	57	.	.	31	1	131
LATHAM/EX-947RR	.	.	57	.	.	41	2	135
KRUGER/K-271RR	.	.	57	.	.	32	1	134
PRAIRIE BR./PB2021XRR	.	.	57	.	.	28	1	132
DENBESTEN/DB2601RR	.	.	57	.	.	30	1	131
US SEEDS/US E2201RR	.	.	57	.	.	31	1	130

Table 21 (continued).

Brand / Entry*	Yield - bu/a (13% moisture) 3yr	2yr	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity: Days after seeding
CROPLAN GENET./RT245	.	.	57	.	.	30	1	131
KAYSTAR/K-2650RR	.	.	57	.	.	31	1	131
LATHAM/457RR BRAND	.	.	56	.	.	33	1	133
KRUGER/K-277RR	.	.	56	.	.	31	1	132
CROPLAN GENET./RT224	.	.	56	.	.	34	1	135
KRUGER/K-279RR	.	.	56	.	.	32	1	134
MUSTANG/E-212RR	.	.	56	.	.	31	1	131
PRAIRIE BR./PB2505XRR	.	.	56	.	.	36	1	134
US SEEDS/US E2801RR	.	.	56	.	.	36	2	134
GOLD COUNTRY/1122RR	.	.	56	.	.	30	1	130
SANDS/SOI 226RR	.	.	56	.	.	34	1	134
LATHAM/EX-667ARR	.	.	56	.	.	32	1	134
DEKALB/DKB28-51	.	.	56	.	.	34	1	135
SANDS/EXP 2111RR	.	.	56	.	.	28	1	131
KRUGER/K-299+RR	.	.	56	.	.	31	1	135
PRAIRIE BR./PB2022XRR	.	.	56	.	.	36	1	133
M-W GENETICS/G2245R	.	.	55	.	.	36	1	133
KRUGER/EX.K-257RR	.	.	55	.	.	36	1	135
HOEGEMEYER/207RR	.	.	55	.	.	29	1	130
GOLDEN HARVEST/X92304R	.	.	55	.	.	34	1	132
LATHAM/EX-807RR	.	.	55	.	.	30	1	132
MYCOGEN/ATLAS 5280RR	.	.	55	.	.	31	1	135
PRAIRIE BR./PB2299XRR	.	.	54	.	.	31	1	131
HY-VIGOR/266RR	.	.	54	.	.	31	1	132
DAIRYLAND/DSR-228/RR	.	.	54	.	.	32	1	130
THOMPSON/T-3213RR	.	.	54	.	.	34	1	131
KRUGER/K-244RR	.	.	54	.	.	33	1	132
LATHAM/EX-467RR	.	.	54	.	.	29	1	130
DEKALB/DKB26-52	.	.	54	.	.	38	2	132
KRUGER/K-282RR	.	.	54	.	.	33	1	135
KRUGER/EX.K-252+RR	.	.	54	.	.	28	1	131
KRUGER/EX.K-270RR	.	.	54	.	.	30	1	134
DENBESTEN/DB2401RR	.	.	54	.	.	29	1	133
KALTENBERG/KB210RR	.	.	54	.	.	35	1	133
JACOBSEN/J702RR	.	.	54	.	.	31	1	129
DAIRYLAND/DSR-272/RR	.	.	54	.	.	32	1	134
KRUGER/K-255RR	.	.	53	.	.	32	1	134
PRAIRIE BR./PB2590XRR	.	.	53	.	.	30	1	135
PRAIRIE BR./PB2717RR	.	.	53	.	.	40	2	133
GREAT LAKES/GL2102RR	.	.	53	.	.	34	1	130
DYNA-GRO/DG3232RR	.	.	53	.	.	32	1	131
PRAIRIE BR./PB2510RR	.	.	53	.	.	26	1	131
STINE/2416-4	.	.	53	.	.	28	1	132
ASGROW/AG2302	.	.	53	.	.	28	1	128
SANDS/RXP 2526RR	.	.	53	.	.	33	1	132

Table 21 (continued).

Brand / Entry*	Yield - bu/a (13% moisture) 3yr	2yr	2000	1999 Prot. pct+	1999 Oil pct+	2000 Ht. in.	2000 Ldg. Sc.~	2000 Maturity: Days after seeding
KRUGER/K-256RR	.	.	53	.	.	30	1	130
KRUGER/K-262+RR	.	.	53	.	.	25	1	131
SANDS/RXP 2800RR	.	.	53	.	.	35	1	136
KAUP/254R	.	.	52	.	.	28	1	134
HY-VIGOR/222RR	.	.	52	.	.	33	1	130
GOLDEN HARVEST/X92888R	.	.	52	.	.	32	1	133
LATHAM/EX-837RR	.	.	52	.	.	35	1	132
PROFISEED/PS X42	.	.	52	.	.	29	1	130
GREAT LAKES/GL2502RR	.	.	52	.	.	30	1	134
MYCOGEN/ATLAS 5240RR	.	.	52	.	.	30	1	134
PRAIRIE BR./PB2715XRR	.	.	52	.	.	30	1	134
STINE/2500-4	.	.	52	.	.	27	1	134
COYOTE/9626RR	.	.	52	.	.	30	1	132
JACOBSEN/J896RR	.	.	52	.	.	31	1	135
LATHAM/EX-507RR	.	.	52	.	.	28	1	129
M-W GENETICS/G2424R	.	.	52	.	.	30	1	131
DYNA-GRO/DG3212RR	.	.	51	.	.	31	1	131
JACOBSEN/J808RR	.	.	51	.	.	33	1	137
ASGROW/AG2602	.	.	51	.	.	31	1	132
HY-VIGOR/2940RR	.	.	51	.	.	30	1	133
ASGROW/AG2103	.	.	51	.	.	28	1	130
MUSTANG/E-242RR	.	.	51	.	.	30	1	133
SANDS/SOI 244RR	.	.	51	.	.	30	1	132
DEKALB/DKB26-51	.	.	51	.	.	33	1	132
MALLARD/RRX2212	.	.	50	.	.	29	1	131
KRUGER/K-266+RR	.	.	50	.	.	27	1	132
GREAT LAKES/GL2919RR	.	.	50	.	.	33	1	134
KALTENBERG/KB261RR	.	.	50	.	.	36	2	132
KAYSTAR/K-2850RR	.	.	50	.	.	34	1	134
PRAIRIE BR./PB2404XRR	.	.	50	.	.	29	1	137
DENBESTEN/DBX24ARR	.	.	50	.	.	30	1	132
KRUGER/EX.K-282+RR	.	.	50	.	.	27	1	133
US SEEDS/US E2101RR	.	.	50	.	.	29	1	129
THOMPSON/T-3230RR	.	.	49	.	.	29	1	131
MYCOGEN/ATLAS 5204RR	.	.	49	.	.	30	1	130
ZILLER/BT 7211R	.	.	49	.	.	30	1	129
LATHAM/EX-697RR	.	.	49	.	.	26	1	131
THOMPSON/T-3242RR	.	.	49	.	.	28	1	133
ASGROW/AG2102	.	.	48	.	.	29	1	130
Test average:	.	49	53	33.0	17.8	32	1	
LSD(5%) value ($):	.	10	6					
Min.top-yield value ($):	.	47	55					
Coef. of variation (#):	.	10	8					

* Ck/SCN = maturity check / soybean cyst nematode resistant, respectively.
$/+ See yield / protein and 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.
See maturity section for explanation.

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