

2006

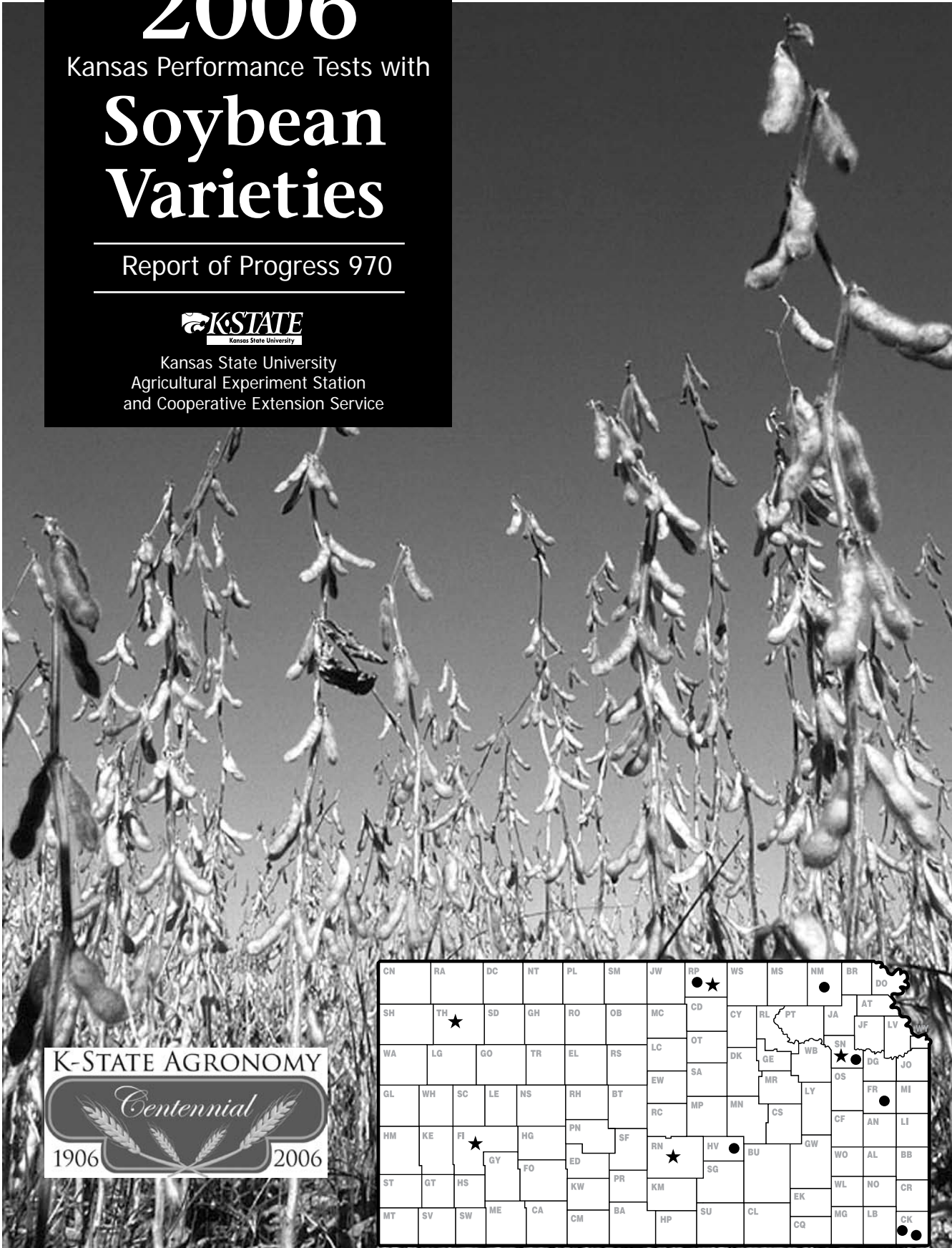
Kansas Performance Tests with

Soybean Varieties

Report of Progress 970



Kansas State University
Agricultural Experiment Station
and Cooperative Extension Service

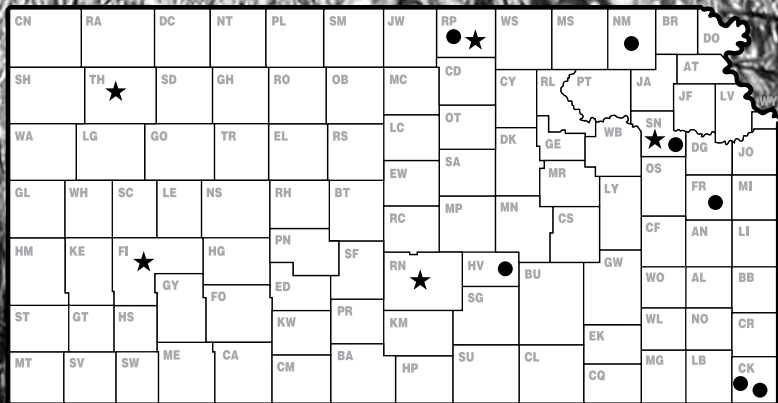


K-STATE AGRONOMY

Centennial

1906

2006



● standard dryland ★ irrigated

CONTENTS

INTRODUCTION

Test Objectives and Procedures.....	1
Data Interpretation.....	1
Variety or Brand Selection.....	1
Summary of Entrants and Originators, Table 1.....	2

PERFORMANCE TEST RESULTS

Centralia, Nemaha County (dryland), Table 2.....	3
Topeka, Shawnee County (dryland), Table 3.....	4
Topeka, Shawnee County (irrigated), Table 4.....	6
Ottawa, Franklin County (dryland), Table 5.....	7
Columbus, Cherokee County, Cyst Nematode-infested Soil (dryland), Table 6.....	9
Pittsburg, Crawford County, Maturity Groups III - IV (dryland), Table 7.....	9
Pittsburg, Crawford County, Maturity Groups IVS - V (dryland), Table 8.....	10
Belleville, Republic County (dryland), Table 9.....	11
Scandia, Republic County (irrigated), Table 10.....	12
Hesston, Harvey County (dryland), Table 11.....	13
Hutchinson, Reno County (irrigated), Table 12.....	15
Colby, Thomas County (irrigated), Table 13.....	16
Garden City, Finney County (irrigated), Table 14.....	17

YIELD SUMMARY

Yield as a Percentage of Test Average from 2006 Tests, Table 15.....	18
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APPENDIX

Descriptions of Entries, Table 16.....	25
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2006 KANSAS SOYBEAN PERFORMANCE TESTS

TEST OBJECTIVES AND PROCEDURES

Soybean performance tests are conducted each year to provide information on the relative performance of new and established varieties and brands at several locations in Kansas.

Seeds for tests are from private seed companies, certified growers, and agricultural experiment stations (Table 1). Seed quality, including such factors as purity and germination, can be important in determining the performance of a variety. Soybean seed used for private and public entries in the Kansas Crop Performance Tests is prepared professionally and usually meets or exceeds Kansas Crop Improvement Certification standards. Relative performance of a given variety comparable to that obtained in these tests is best assured under similar environmental conditions and cultural practices and with the use of certified or professionally prepared seed. All companies known to be developing and marketing soybean varieties or brands are invited to submit test seed; interested companies enter on a voluntary, fee-entry basis.

Companies were invited to enter Roundup[®]-resistant varieties in either the Roundup[®] trials or in the conventional trial at Columbus.

Entries were planted in four-row plots with rows 30 inches apart and were replicated three or four times each. Seeding rate ranged from seven to 12 seeds per foot of row. The center two rows of each plot were harvested for yield. Harvested row lengths ranged from 11 to 33 feet, depending on location. Cultural practices and rainfall for each test location are presented with each table. Results from this year's tests are presented in Tables 2 through 14. Relative yields of each entry from all locations are shown in Table 15. Results of the tests also can be found online at: <http://kscroptests.agron.ksu.edu>.

DATA INTERPRETATION

Yields are recorded as bushels per acre (60 pounds per bushel) adjusted to 13% moisture content, when moisture data are available. Seed yield also is expressed as a percentage of the test average to assist in identifying entries that consistently produce better than the average yield.

Maturity is the date on which 95% of the pods have ripened (browned). Delayed leaf drop and green stems are not considered when assigning maturity. About one week of good drying weather after maturing is needed before soybeans are ready to harvest.

Lodging is rated at maturity by the following scores:

1. Almost all plants erect
2. All plants slightly leaning or a few plants down
3. All plants leaning moderately (45%) or 25 to 50% of plants down
4. All plants leaning considerably or 50 to 80% plants down
5. Almost all plants down

Height is the average length from the soil surface to the top of the main stem of mature plants.

VARIETY OR BRAND SELECTION

Performance of soybean varieties or brands varies from year to year and from location to location, depending on such factors as weather, management practices, and variety adaptation. When selecting varieties or brands, one should carefully analyze their performance for two or more years across locations. Performance averaged over several environments will provide a better estimate of genetic potential and stability than performance based on a few environments will.

Small differences in yield between any two varieties or brands usually are not important. Within maturity groups at each location, an LSD (least significant difference) was calculated. The significance level used to calculate the LSD was 10%. Unless two varieties differ in yield by more than the LSD, genetic yield potential of one entry cannot be considered superior to that of another.

The coefficient of variability (CV) represents an estimate of the precision in the replicated yield trials. A CV of less than 10% indicates a good test with a high level of reliability. CVs ranging from 10 to 15% are usually acceptable for performance comparisons. CVs greater than 15% generally lack sufficient precision to provide any more than a rough guide to cultivar performance. In those tests in which the precision was insufficient to statistically compare performance among the entries, the LSD value has been replaced with the designation NS, indicating that seed yields were not significantly different.

Table 1. Entrants in the 2006 Kansas Soybean Performance Tests

Kansas AES Manhattan KS 785-532-7242 wts@k-state.edu	Dyna-Gro UAP-Pueblo Garden City KS 800-742-9525 uap.com	Midland-Phillips Phillips Seed Farms Hope KS 800-643-4340 phillipsseed.com	Renze Renze Hybrids Carroll IA 712-669-3301 renzehybrids.com
Maryland AES College Park MD agnr.umd.edu	Fontanelle Fontanelle Hybrids Fontanelle NE 800-279-4353 fontanelle.com	Midwest Seed Midwest Seed Genetics Carroll IA 800-369-8218 midwestseed.com	Stine Stine Seed Co. Adel IA 800-362-2510 stineseed.com
Virginia AES Blacksburg VA ext.vt.edu	Hamon Hamon Seed Farms, Inc. Valley Falls KS 785-945-3584	M-Pride Midwest Premium Genetics Concordia MO 800-622-1150	Taylor Taylor Seed Farms, Inc. White Cloud KS 800-742-7473 taylorseedfarms.com
Advanced Genetics DeLange Seed Girard KS 620-724-6223 delangeseed.com	Kruger Kruger Seed Co. Dike IA 800-772-2721 krugerseed.com	NC+ NC+ Hybrids Lincoln NE 800-279-7999 nc-plus.com	Willcross NeCo Seed Farms, Inc. Garden City MO 816-862-8203 willcross.com
AgSource AgSource Seeds, Inc. Nevada IA 515-382-8880 agsourceseeds.com	KSOY Kansas AES Manhattan KS 785-532-7242 wts@k-state.edu	NK NK Brand Seeds Lincoln NE 402-420-6664 nk-us.com	Willcross Willcross Seed King City MO 800-411-5957 willcross.com
Asgrow/DeKalb Monsanto Seed St. Louis MO 800-335-2676 monsanto.com	Lewis Lewis Hybrids, Inc. Ursa IL 800-252-7851 lewishybrids.com	Ohlde Ohlde Seed Farms, Inc. Palmer KS 785-692-4555	
CroPlan Genetics CroPlan Genetics St. Paul MN 800-851-8810 croplangenetics.com	LG Seeds LG Seeds Elmwood IL 309-742-2211 lgseeds.com	Phillips Phillips Seed Farms Hope KS 800-643-4340 phillipsseed.com	
Deltapine Delta & Pine Land Co. Lubbock TX 806-740-1600 deltaandpine.com	MFA Morsoy MFA Incorporated Columbia MO 573-876-5363 morsoy.com	Pioneer Brand Pioneer Hi-Bred, Intl., Inc. Amarillo TX 800-258-5604 pioneer.com	
Drussel Seed Drussel Seed, Inc. Garden City KS 620-271-4950	Midland Midland Genetics Ottawa KS 800-819-SEED midlandgenetics.com	Prairie Brand Prairie Brand Seed Co. Story City IA 800-544-8751 prairiebrand.com	

Keith Flentie Farm, Centralia, Nemaha County; Bill Schapaugh, agronomist, 785-532-7242

Wymore silt loam, pH 6, 2.5% OM; P test: M, K test: M
0-0-0 lbs N-P-K fertilizer

Periods of severe drought stress occurred from late July through early August, but mid-August rains improved conditions for seed-fill.

April May June July Aug. Sept. Total

Rainfall: 3.0 1.9 2.3 6.2 5.7 3.9 23.0

Planted 5/30/2006 at 9 seeds/ft; harvested 10/14/2006; 11 ft. by 2-row plot; pesticides: 2 applications of Roundup Ultra®

Table 2. Centralia, Nemaha Co. Roundup®-resistant Soybean Performance Test, 2004-2006.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2006		
		2006	2005	2004	2-Yr. AVG.	3-Yr. AVG.	2006	2005	2004	Mat	Lodge score	Ht (in)
AGSOURCE	9383	37.6	64.2	--	50.9	--	113	110	--	10/9	1.0	30
AGSOURCE	9396	31.8	--	--	--	--	96	--	--	10/5	1.0	25
AGSOURCE	9406	34.2	--	--	--	--	103	--	--	10/8	1.0	30
AGSOURCE	9443	37.0	--	--	--	--	111	--	--	10/8	1.0	33
ASGROW	AG3302	33.1	--	--	--	--	99	--	--	10/1	1.0	27
ASGROW	AG3305	31.5	55.3	43.4	43.4	43.4	95	95	109	10/2	1.0	24
ASGROW	AG3602	33.2	56.1	42.6	44.6	44.0	100	96	106	10/5	1.0	28
ASGROW	AG3705	36.3	--	--	--	--	109	--	--	10/6	1.0	28
ASGROW	AG3802	33.2	56.5	40.4	44.8	43.4	100	97	101	10/5	1.0	28
ASGROW	AG3905	36.7	55.8	40.5	46.3	44.4	110	96	101	10/6	1.0	28
CROPLAN GENETICS	RC3555	33.9	55.4	--	44.7	--	102	95	--	10/3	1.0	25
CROPLAN GENETICS	RC3864	34.0	--	--	--	--	102	--	--	10/6	1.0	28
CROPLAN GENETICS	RC3935	33.0	--	--	--	--	99	--	--	10/4	1.0	30
DEKALB	DKB38-52	35.6	--	41.7	--	--	107	--	104	10/6	1.0	28
DYNA-GRO	31Y38	31.7	--	--	--	--	95	--	--	10/6	1.0	25
DYNA-GRO	35G38	32.1	--	--	--	--	96	--	--	10/5	1.0	29
DYNA-GRO	39N35	29.4	--	--	--	--	88	--	--	10/2	1.0	25
FONTANELLE	9488NRS	35.3	--	--	--	--	106	--	--	10/7	1.0	26
FONTANELLE	9633NRR	31.1	--	--	--	--	93	--	--	10/4	1.0	23
FONTANELLE	9652NRR	33.4	--	--	--	--	100	--	--	10/4	1.0	28
FONTANELLE	9680NRR	31.9	--	--	--	--	96	--	--	10/7	1.0	26
KANSAS AES	K4602RR	26.7	--	--	--	--	80	--	--	10/10	1.0	29
KANSAS AES	KS3406RR	33.9	54.9	--	44.4	--	102	94	--	10/5	1.0	26
KANSAS AES	KS4404RR	34.8	57.4	36.9	46.1	43.0	105	99	92	10/9	1.0	27
KANSAS AES	KS4704RR	30.5	55.2	34.2	42.8	40.0	92	95	86	10/11	1.0	30
KRUGER	K-333RR/SCN	32.2	57.5	--	44.8	--	97	99	--	10/4	1.0	25
KRUGER	K-341RR/SCN	31.4	56.4	--	43.9	--	94	97	--	10/1	1.0	25
KRUGER	K-342RR/SCN	32.2	--	--	--	--	97	--	--	10/2	1.0	26
KRUGER	K-355RR/SCN	31.2	57.0	39.5	44.1	42.6	94	98	99	10/4	1.0	26
KRUGER	K-363RR/SCN	34.1	--	--	--	--	102	--	--	10/4	1.0	25
KRUGER	K-366RR/SCN	33.9	--	--	--	--	102	--	--	10/3	1.0	26
KRUGER	K-389RR/SCN	35.1	66.6	44.3	50.8	48.7	105	114	111	10/7	1.0	26
KRUGER	K-399RR/SCN	33.9	59.2	--	46.6	--	102	102	--	10/5	1.0	28
KRUGER	K-410RR/SCN	31.2	--	--	--	--	94	--	--	10/8	1.0	28
KRUGER	K-433RR/SCN	36.0	61.1	--	48.6	--	108	105	--	10/8	1.0	32
LEWIS	3827	32.0	--	--	--	--	96	--	--	10/8	1.0	28
LEWIS	3853	34.6	63.1	44.5	48.8	47.4	104	108	111	10/7	1.0	27
LEWIS	3907	33.7	--	--	--	--	101	--	--	10/5	1.0	29
LEWIS	4207	34.3	--	--	--	--	103	--	--	10/9	1.0	29
MIDLAND	MG 3517NRR	33.7	--	--	--	--	101	--	--	10/3	1.0	26
MIDLAND	MG 3827NRR	32.7	--	--	--	--	98	--	--	10/8	1.0	27
MIDLAND	MG 4087NRR	36.4	--	--	--	--	109	--	--	10/4	1.0	30
MIDLAND	MG 4157NRS	33.2	--	--	--	--	100	--	--	10/7	1.0	28
MIDLAND	MG 9A373NRR	33.2	59.0	42.4	46.1	44.9	100	101	106	10/3	1.0	27
MIDLAND	MG 9A385NRS	36.6	65.0	43.4	50.8	48.3	110	112	108	10/6	1.0	27
MIDLAND	MG 9B395NRR	36.7	57.6	34.6	47.1	43.0	110	99	87	10/8	1.0	31
NK	S35-F9	33.5	59.1	40.9	46.3	44.5	101	101	102	10/6	1.0	27
NK	S36-C7	30.0	--	--	--	--	90	--	--	10/7	1.0	24
NK	S39-K6	32.4	57.9	37.6	45.1	42.6	97	99	94	10/7	1.0	26
NK	S41-M5	31.6	--	--	--	--	95	--	--	10/6	1.0	29
OHLDE	O-3334NRR	36.0	61.6	40.8	48.8	46.1	108	106	102	10/4	1.0	27
OHLDE	O-3532	33.7	--	--	--	--	101	--	--	10/3	1.0	27
OHLDE	O-3707	32.1	--	--	--	--	96	--	--	10/5	1.0	30
OHLDE	O-3727NRS	37.6	64.0	43.3	50.8	48.3	113	110	108	10/6	1.0	27

Table 2. Centralia, Nemaha Co. Roundup®-resistant Soybean Performance Test, 2004-2006 - continued.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2006		
		2006	2005	2004	2-Yr. AVG.	3-Yr. AVG.	2006	2005	2004	Mat	Lodge score	Ht (in)
OHLDE	O-3808	29.2	--	--	--	--	88	--	--	10/8	1.0	26
PHILLIPS	377NRR	30.7	--	--	--	--	92	--	--	10/6	1.0	27
PHILLIPS	385NRS	37.0	--	--	--	--	111	--	--	10/7	1.0	26
PIONEER BRAND	93M81	33.6	--	--	--	--	101	--	--	10/6	1.0	26
PIONEER BRAND	93M92	33.3	60.2	42.9	46.8	45.5	100	103	107	10/6	1.0	26
PIONEER BRAND	93M95	34.6	--	--	--	--	104	--	--	10/6	1.0	28
PRAIRIE BRAND	PB-3894NRRSTS	37.2	65.8	44.9	51.5	49.3	112	113	112	10/5	1.0	27
PRAIRIE BRAND	PB-3905RR	30.3	59.4	--	44.8	--	91	102	--	10/7	1.0	27
PRAIRIE BRAND	PB-4036NRRSTS	28.8	--	--	--	--	86	--	--	10/7	1.0	29
PRAIRIE BRAND	PB-4256NRR	34.3	--	--	--	--	103	--	--	10/6	1.0	30
RENZE	R3726RR	34.1	60.3	--	47.2	--	102	103	--	10/3	1.0	27
RENZE	R3797RRcn	31.6	--	--	--	--	95	--	--	10/7	1.0	27
RENZE	R3835SRcn	35.2	64.9	43.5	50.1	47.9	106	111	109	10/3	1.0	28
RENZE	R4137SRcn	31.7	--	--	--	--	95	--	--	10/7	1.0	29
STINE	3232-4	31.8	--	--	--	--	96	--	--	10/4	1.0	24
STINE	3600-4	31.4	59.8	--	45.6	--	94	103	--	10/6	1.0	28
TAYLOR	353RR	30.9	--	39.5	--	--	93	--	99	10/7	1.0	27
TAYLOR	398RRS	37.1	63.1	43.4	50.1	47.9	111	108	109	10/7	1.0	27
TAYLOR	EXP3760-4RR	33.5	--	--	--	--	101	--	--	10/6	1.0	28
WILLCROSS	RR2386	30.4	61.7	--	46.0	--	91	106	--	10/6	1.0	28
WILLCROSS	RR2392N	33.2	--	--	--	--	100	--	--	10/6	1.0	28
AVERAGES		33.3	58.3	40.0								
CV (%)		5.7	4.1	5.6								
LSD (0.10)		2.2	2.8	2.6								

Values in bold are in the upper LSD group.

J.D. Hanna, Erma Harden Farm, Topeka, Shawnee County; Larry Maddux, agronomist, 785-354-7236

Reading silty clay loam, pH na, % OM na; P test: , K test: Very dry conditions at planting caused stand reductions.

11-38-0 lbs N-P-K fertilizer

April May June July Aug. Sept. Total

Rainfall: 5.1 3.2 1.2 3.4 9.0 2.5 24.4

Planted 5/18/2006 at 8 seeds/ft; harvested 10/9/2006; 25 ft. by 2-row plot; pesticides: 2 applications of 22 oz. Roundup Weather Max® + 17 lb./100 gal. AMS, 18 oz Outlook + 5 oz Canopy pre-emergence

Table 3. Topeka, Shawnee Co. Roundup®-resistant Soybean Performance Test, -2006.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2006		
		2006	2005		2-Yr. AVG.	3-Yr. AVG.	2006	2005		Mat	Lodge score	Ht (in)
ADVANCED GENETICS	AG3833NRS	47.9	--	--	--	--	115	--	--	9/27	1.0	30
ASGROW	AG3602	38.7	49.4	--	44.0	--	93	97	--	9/24	1.0	33
ASGROW	AG3705	40.2	--	--	--	--	97	--	--	9/24	1.0	33
ASGROW	AG3802	43.4	48.3	--	45.8	--	105	94	--	9/26	1.9	36
ASGROW	AG3905	34.3	47.6	--	41.0	--	83	93	--	9/24	1.0	31
ASGROW	AG4103	47.1	--	--	--	--	113	--	--	10/1	1.3	32
ASGROW	AG4403	44.1	50.0	--	47.1	--	106	98	--	10/2	1.0	33
ASGROW	AG4404	40.7	52.1	--	46.4	--	98	102	--	10/4	1.2	31
CROPLAN GENETICS	RC3864	37.9	--	--	--	--	91	--	--	9/30	1.2	30
CROPLAN GENETICS	RC3935	37.1	--	--	--	--	89	--	--	9/25	1.3	35
DEKALB	DKB46-51	52.3	--	--	--	--	126	--	--	10/4	1.6	32
DYNA-GRO	31Y38	38.9	--	--	--	--	94	--	--	9/27	1.0	29
DYNA-GRO	32C38	40.3	54.7	--	47.5	--	97	107	--	9/29	1.0	28
DYNA-GRO	35G38	42.1	--	--	--	--	101	--	--	9/29	1.4	32
DYNA-GRO	39N35	39.6	--	--	--	--	95	--	--	9/22	1.0	28
DYNA-GRO	DG 3362NRR	44.9	--	--	--	--	108	--	--	9/27	1.0	26
HAMON	AG4006N	40.3	--	--	--	--	97	--	--	9/30	1.0	31
KANSAS AES	K4602RR	37.1	--	--	--	--	89	--	--	10/4	1.5	33
KANSAS AES	KS4404RR	48.7	50.1	--	49.4	--	117	98	--	10/2	1.9	29
KANSAS AES	KS4704RR	48.2	57.6	--	52.9	--	116	113	--	10/4	1.7	28
KRUGER	K-355RR/SCN	35.6	54.4	--	45.0	--	86	106	--	9/22	1.1	29
KRUGER	K-363RR/SCN	37.7	--	--	--	--	91	--	--	9/23	1.1	29

Table 3. Topeka, Shawnee Co. Roundup®-resistant Soybean Performance Test, -2006 - continued.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2006		
		2006	2005	2-Yr. AVG.	3-Yr. AVG.	2006	2005		Mat	Lodge score	Ht (in)	
KRUGER	K-366RR/SCN	37.3	--	--	--	90	--	--	9/24	1.1	31	
KRUGER	K-389RR/SCN	47.5	57.4	--	52.4	--	114	112	--	9/28	1.1	28
KRUGER	K-399RR/SCN	44.1	52.3	--	48.2	--	106	102	--	9/28	1.6	29
KRUGER	K-410RR/SCN	41.1	--	--	--	--	99	--	--	9/30	1.0	32
KRUGER	K-433RR/SCN	46.4	54.4	--	50.4	--	112	106	--	10/2	1.2	37
KRUGER	K-456RR/SCN	40.1	--	--	--	--	97	--	--	10/2	1.3	34
KRUGER	K-476RR/SCN	53.4	--	--	--	--	129	--	--	10/5	1.1	30
MIDLAND	MG 382NRR	49.4	--	--	--	--	119	--	--	9/28	1.2	28
MIDLAND	MG 4087NRR	38.8	--	--	--	--	93	--	--	9/29	1.0	35
MIDLAND	MG 4157NRS	42.0	--	--	--	--	101	--	--	10/2	1.3	32
MIDLAND	MG 4367NRR	39.8	--	--	--	--	96	--	--	9/30	1.1	32
MIDLAND	MG 4477NRR	35.7	--	--	--	--	86	--	--	10/2	1.1	28
MIDLAND	MG 4506NRR	45.5	--	--	--	--	110	--	--	10/3	1.1	36
MIDLAND	MG 9A373NRR	36.5	50.5	--	43.5	--	88	99	--	9/23	1.3	30
MIDLAND	MG 9A385NRS	41.9	51.3	--	46.6	--	101	100	--	9/27	1.0	27
MIDLAND	MG 9B395NRR	38.5	48.5	--	43.5	--	93	95	--	9/29	1.8	31
NC+	3A79RR	44.8	--	--	--	--	108	--	--	9/27	1.0	30
NC+	4A14RR	37.4	--	--	--	--	90	--	--	9/28	1.7	32
NK	S32-E2	23.3	--	--	--	--	56	--	--	9/22	1.4	33
NK	S35-F9	42.8	--	--	--	--	103	--	--	9/25	1.8	29
NK	S36-C7	35.7	--	--	--	--	86	--	--	9/25	1.0	26
NK	S39-K6	41.8	50.2	--	46.0	--	101	98	--	9/28	1.2	32
NK	S41-M5	38.2	--	--	--	--	92	--	--	10/1	1.6	32
NK	S42-P7	39.6	48.8	--	44.2	--	95	95	--	9/30	1.2	28
OHLDE	O-3707	31.8	--	--	--	--	77	--	--	9/29	1.2	34
OHLDE	O-3808	39.6	--	--	--	--	95	--	--	9/29	1.0	32
OHLDE	O-4292	48.0	52.8	--	50.4	--	116	103	--	10/3	1.4	33
OHLDE	O-4595	48.7	52.4	--	50.5	--	117	102	--	10/3	1.9	38
PHILLIPS	346NRR	33.7	--	--	--	--	81	--	--	9/22	1.0	34
PHILLIPS	385NRS	41.3	56.5	--	48.9	--	100	110	--	9/27	1.2	29
PHILLIPS	415NRR	34.7	--	--	--	--	84	--	--	9/27	1.0	36
PIONEER BRAND	93M81	30.3	--	--	--	--	73	--	--	9/27	1.9	31
PIONEER BRAND	93M95	37.9	--	--	--	--	91	--	--	9/25	1.5	34
PIONEER BRAND	94B73	45.3	--	--	--	--	109	--	--	10/3	1.4	32
RENZE	R3797RRcn	50.7	--	--	--	--	122	--	--	9/26	1.2	30
RENZE	R4137SRcn	42.7	--	--	--	--	103	--	--	10/3	2.0	31
RENZE	R4486RRcn	46.7	58.4	--	52.5	--	113	114	--	10/2	1.6	37
RENZE	R4836SRcn	51.1	61.8	--	56.4	--	123	121	--	10/4	1.3	33
TAYLOR	353RR	42.1	--	--	--	--	101	--	--	9/26	1.0	29
WILLCROSS	RR2385NSTS	34.3	--	--	--	--	83	--	--	9/29	1.1	29
WILLCROSS	RR2386	43.7	--	--	--	--	105	--	--	9/26	1.1	30
WILLCROSS	RR2432N	43.5	53.8	--	48.6	--	105	105	--	10/4	1.8	36
WILLCROSS	RR2446N	49.7	55.7	--	52.7	--	120	109	--	9/22	1.2	36
WILLCROSS	RR2478N	43.2	--	--	--	--	104	--	--	10/2	1.0	36
AVERAGES		41.5	51.1	--	--	--						
CV (%)		15.8	5.8	--	--	--						
LSD (0.10)		8.9	4.0	--	--	--						

Values in bold are in the upper LSD group.

Kansas River Valley Experiment Field, Topeka, Shawnee County; Larry Maddux, agronomist, 785-354-7236

Eudora silt loam, pH 6.6, 2.3% OM; P test: M, K test: H
11-38-0 lbs N-P-K fertilizer

Severe hailstorm on 6/28 caused 50-60% defoliation. Very dry conditions at planting caused some stand problems.

April May June July Aug. Sept. Total

Rainfall: 5.1 3.2 1.2 3.4 9.0 2.5 24.4

Irrigation: 1.1 2.2 0.0 3.3

Planted 5/18/2006 at 8 seeds/ft; harvested 10/9/2006; 25 ft. by 2-row plot; pesticides: 2 applications of 22 oz. Roundup Weather Max®, + 17 lb./100 gal. AMS, 1qt Trifluralin +2 oz Valor ppi

Table 4. Topeka, Shawnee Co. Irrigated Roundup®-resistant Soybean Performance Test, 2004-2006.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2006		
		2006	2005	2004	2-Yr. AVG.	3-Yr. AVG.	2006	2005	2004	Mat	Lodge score	Ht (in)
ADVANCED GENETICS	AG3833NRS	51.9	--	--	--	--	106	--	--	9/29	1.5	27
CROPLAN GENETICS	RC3555	30.3	56.5	--	43.4	--	62	100	--	9/23	1.3	28
CROPLAN GENETICS	RC3864	53.4	--	--	--	--	109	--	--	9/28	1.2	28
CROPLAN GENETICS	RC3935	43.3	--	--	--	--	88	--	--	9/27	1.4	34
DYNA-GRO	31Y38	49.0	--	--	--	--	100	--	--	9/28	1.2	30
DYNA-GRO	35G38	48.8	--	--	--	--	100	--	--	9/30	1.0	28
DYNA-GRO	37K32	50.4	--	--	--	--	103	--	--	9/23	1.2	29
DYNA-GRO	39N35	40.4	--	--	--	--	82	--	--	9/25	1.3	29
FONTANELLE	9488NRS	46.1	--	--	--	--	94	--	--	9/29	1.0	29
FONTANELLE	9633NRR	46.6	--	--	--	--	95	--	--	9/22	1.0	26
FONTANELLE	9652NRR	48.2	--	--	--	--	98	--	--	9/25	1.3	30
FONTANELLE	9680NRR	49.7	--	--	--	--	101	--	--	9/28	1.2	27
HAMON	AG4006N	51.5	--	--	--	--	105	--	--	10/1	1.4	32
KANSAS AES	K4602RR	46.5	54.3	--	50.4	--	95	96	--	10/6	2.1	32
KANSAS AES	KS4404RR	43.4	59.1	71.5	51.3	58.0	89	105	124	10/5	2.6	31
KANSAS AES	KS4704RR	49.3	57.1	59.8	53.2	55.4	101	101	104	10/6	1.6	32
KRUGER	K-355RR/SCN	47.9	60.5	60.9	54.2	56.4	98	107	106	9/24	1.2	28
KRUGER	K-363RR/SCN	47.5	--	--	--	--	97	--	--	9/28	1.6	33
KRUGER	K-366RR/SCN	44.9	--	--	--	--	92	--	--	9/25	1.0	31
KRUGER	K-389RR/SCN	57.2	68.3	57.7	62.7	61.0	117	121	100	10/1	1.3	28
KRUGER	K-399RR/SCN	41.1	50.4	--	45.8	--	84	89	--	9/27	1.2	33
KRUGER	K-410RR/SCN	47.4	--	--	--	--	97	--	--	10/2	1.1	32
KRUGER	K-433RR/SCN	60.4	57.2	--	58.8	--	123	101	--	10/4	1.3	38
KRUGER	K-456RR/SCN	46.0	--	--	--	--	94	--	--	10/3	2.0	35
KRUGER	K-476RR/SCN	54.8	--	--	--	--	112	--	--	10/3	1.6	31
MIDLAND	MG 3827NRR	46.8	--	--	--	--	96	--	--	9/29	1.0	28
MIDLAND	MG 4157NRS	49.8	--	--	--	--	102	--	--	10/2	1.3	32
MIDLAND	MG 4367NRR	48.2	--	--	--	--	98	--	--	10/3	2.6	34
MIDLAND	MG 4477NRR	52.7	--	--	--	--	108	--	--	10/6	1.4	32
MIDLAND	MG 9A385NRS	59.2	74.4	56.7	66.8	63.4	121	132	98	9/29	1.0	30
MIDLAND	MG 9A442NRR	47.3	--	--	--	--	97	--	--	10/4	1.3	33
MIDWEST SEED	GR3832	57.9	--	--	--	--	118	--	--	9/29	1.0	28
MIDWEST SEED	GR3933	49.7	--	--	--	--	101	--	--	9/26	1.0	30
NK	S32-E2	42.8	--	--	--	--	87	--	--	9/21	1.4	27
NK	S35-F9	52.5	--	--	--	--	107	--	--	9/26	1.0	31
NK	S36-C7	51.8	--	--	--	--	106	--	--	9/27	1.5	27
NK	S41-M5	45.4	--	--	--	--	93	--	--	9/29	1.3	30
NK	S42-P7	47.7	54.9	59.0	51.3	53.9	97	97	102	10/1	1.1	30
OHLDE	O-3532	41.4	--	--	--	--	84	--	--	9/22	1.2	31
OHLDE	O-3727NRS	55.9	63.0	59.1	59.4	59.3	114	111	102	9/30	1.0	29
OHLDE	O-3808	49.9	--	--	--	--	102	--	--	9/29	1.4	28
PHILLIPS	366NRS	52.0	49.6	--	50.8	--	106	88	--	9/25	2.2	32
PHILLIPS	376NRR	55.6	68.1	--	61.8	--	113	120	--	9/27	1.2	29
PHILLIPS	377NRR	47.1	--	--	--	--	96	--	--	9/29	1.0	28
PHILLIPS	385NRS	50.2	63.4	--	56.8	--	102	112	--	9/30	1.1	29
PHILLIPS	415NRR	50.6	--	--	--	--	103	--	--	9/30	1.9	34
PHILLIPS	432NRS	50.2	--	--	--	--	102	--	--	10/5	1.9	33
PHILLIPS	436NRS	40.8	--	--	--	--	83	--	--	10/2	2.0	34
PIONEER BRAND	93M96	50.7	--	--	--	--	103	--	--	9/30	1.4	33
PIONEER BRAND	94B73	50.9	51.0	72.2	50.9	58.0	104	90	125	10/4	2.0	35
PIONEER BRAND	94M30	57.2	57.1	--	57.1	--	117	101	--	10/6	1.6	32
RENZE	R3797RRcn	44.5	--	--	--	--	91	--	--	9/28	1.0	29

Table 4. Topeka, Shawnee Co. Irrigated Roundup®-resistant Soybean Performance Test, 2004-2006 - continued.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2006		
		2006	2005	2004	2-Yr. AVG.	3-Yr. AVG.	2006	2005	2004	Mat	Lodge score	Ht (in)
RENZE	R4137SRcn	42.1	--	--	--	--	86	--	--	10/1	1.3	31
RENZE	R4695RRcn	58.0	--	67.6	--	--	118	--	117	10/7	1.7	33
RENZE	R4836SRcn	49.7	--	--	--	--	101	--	--	10/9	1.0	36
STINE	3532-4	53.8	57.7	58.1	55.8	56.5	110	102	101	9/24	1.1	27
STINE	3602-4	45.2	--	--	--	--	92	--	--	9/28	1.3	30
STINE	4102-4	49.4	57.6	69.7	53.5	58.9	101	102	121	9/30	1.7	32
TAYLOR	353RR	51.2	62.6	60.5	56.9	58.1	104	111	105	9/29	2.0	31
TAYLOR	398RRS	46.2	69.2	61.3	57.7	58.9	94	122	106	9/29	1.0	29
AVERAGES		49.0	56.5	57.7								
CV (%)		13.1	10.8	15.0								
LSD (0.10)		8.7	8.3	11.7								

Values in bold are in the upper LSD group.

East Central KS Experiment Field, Ottawa, Franklin County; James Kimball, agronomist, 785-242-2330

Woodson silt loam, pH na, % OM na; P test: , K test: Periods of severe drought stress occurred from late July through early August, but mid-August rains improved conditions for seed-fill.

0-0-0 lbs N-P-K fertilizer

April May June July Aug. Sept. Total

Rainfall: 4.3 3.1 1.8 3.2 5.5 1.8 19.7

Planted 6/8/2006 at 8 seeds/ft; harvested 10/24/2006; 32 ft. by 2-row plot; pesticides: 22 oz. Roundup Weather Max® + 3 qt./100 gal. Formula 1® water conditioner on 6/22 and 32 oz Honcho Plus® + 2 qt./100 gal. Formula 1® water conditioner on 7/22

Table 5. Ottawa, Franklin Co. Roundup®-resistant Soybean Performance Test, 2004-2006.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2006		
		2006	2005	2004	2-Yr. AVG.	3-Yr. AVG.	2006	2005	2004	Mat	Lodge score	Ht (in)
ADVANCED GENETICS	AG4040NRR	35.0	51.6	--	43.3	--	87	89	--	10/5	1.0	38
ADVANCED GENETICS	AG4880NRS	48.9	61.7	59.8	55.3	56.8	121	106	99	10/18	1.0	38
ADVANCED GENETICS	AG5333NRR	42.3	62.4	50.6	52.3	51.8	105	107	84	9/1	1.0	36
ADVANCED GENETICS	AG5440NRS	44.7	--	--	--	--	111	--	--	9/1	1.0	36
ASGROW	AG3705	39.7	--	--	--	--	98	--	--	10/3	1.0	32
ASGROW	AG3802	38.5	55.3	61.2	46.9	51.7	95	95	101	10/5	1.0	37
ASGROW	AG3905	33.8	52.3	60.8	43.1	49.0	84	90	101	10/3	1.0	33
ASGROW	AG4103	38.3	--	--	--	--	95	--	--	10/10	1.0	34
ASGROW	AG4403	39.6	61.9	64.0	50.7	55.1	98	107	106	10/13	1.0	34
ASGROW	AG4404	37.7	55.7	--	46.7	--	93	96	--	10/14	1.0	34
ASGROW	AG4703	44.3	--	--	--	--	110	--	--	10/15	1.0	32
CROPLAN GENETICS	RC4095	37.6	59.8	--	48.7	--	93	103	--	10/6	1.0	33
CROPLAN GENETICS	RC4455	45.3	61.1	--	53.2	--	112	105	--	10/14	1.0	39
CROPLAN GENETICS	RC4655	34.2	--	--	--	--	85	--	--	10/14	1.0	38
DEKALB	DKB46-51	40.6	61.3	59.8	51.0	53.9	101	106	99	10/15	1.0	36
DYNA-GRO	31Y38	39.1	--	--	--	--	97	--	--	10/3	1.0	30
DYNA-GRO	32C38	41.7	57.3	64.9	49.5	54.6	103	99	108	10/4	1.0	29
DYNA-GRO	35G38	38.5	--	--	--	--	95	--	--	10/6	1.0	33
DYNA-GRO	39N35	34.2	--	--	--	--	85	--	--	9/28	1.0	30
DYNA-GRO	DG 3362NRR	41.4	--	--	--	--	102	--	--	10/6	1.0	29
KANSAS AES	K4602RR	36.9	57.1	--	47.0	--	91	98	--	10/16	1.0	35
KANSAS AES	KS4404RR	41.8	60.2	57.6	51.0	53.2	103	104	95	10/11	1.0	34
KANSAS AES	KS4704RR	39.6	63.8	57.1	51.7	53.5	98	110	95	10/15	1.0	33
KRUGER	K-355RR/SCN	35.9	55.7	64.2	45.8	52.0	89	96	106	10/1	1.0	32
KRUGER	K-363RR/SCN	36.1	--	--	--	--	89	--	--	10/2	1.0	32
KRUGER	K-366RR/SCN	36.1	--	--	--	--	89	--	--	10/1	1.0	31
KRUGER	K-389RR/SCN	43.3	59.7	64.2	51.5	55.7	107	103	106	10/4	1.0	32
KRUGER	K-399RR/SCN	36.7	54.8	--	45.8	--	91	94	--	10/4	1.0	32
KRUGER	K-410RR/SCN	34.4	--	--	--	--	85	--	--	10/6	1.0	34
KRUGER	K-433RR/SCN	45.8	60.0	--	52.9	--	113	103	--	10/13	1.0	38
KRUGER	K-456RR/SCN	34.6	--	--	--	--	86	--	--	10/8	1.0	38
KRUGER	K-476RR/SCN	44.0	--	--	--	--	109	--	--	10/19	1.0	32
MIDLAND	MG 3827NRR	37.6	--	--	--	--	93	--	--	10/6	1.0	32
MIDLAND	MG 4087NRR	37.2	--	--	--	--	92	--	--	10/3	1.0	35
MIDLAND	MG 4157NRS	40.2	--	--	--	--	100	--	--	10/10	1.0	33

Table 5. Ottawa, Franklin Co. Roundup®-resistant Soybean Performance Test, 2004-2006 - continued.

BRAND	NAME	ACRE YIELD, BUSHELS					YIELD AS % OF TEST AVERAGE			2006		
		2006	2005	2004	2-Yr. AVG.	3-Yr. AVG.	2006	2005	2004	Mat	Lodge score	Ht (in)
MIDLAND	MG 4367NRR	39.8	--	--	--	--	99	--	--	10/9	1.0	34
MIDLAND	MG 4506NRR	45.8	63.4	--	54.6	--	113	109	--	10/12	1.0	40
MIDLAND	MG 4806NRS	47.3	--	--	--	--	117	--	--	10/18	1.0	37
MIDLAND	MG 9A373NRR	37.7	56.6	--	47.1	--	93	98	--	10/4	1.0	32
MIDLAND	MG 9A432NRS	42.7	61.7	64.8	52.2	56.4	106	106	107	10/15	1.0	35
MIDLAND	MG 9A442NRR	38.7	--	--	--	--	96	--	--	10/12	1.0	36
MIDLAND	MG 9B395NRR	39.5	59.6	--	49.5	--	98	103	--	10/9	1.0	33
MIDWEST SEED	GR3832	42.2	--	--	--	--	104	--	--	10/6	1.0	31
MIDWEST SEED	GR4455	46.2	--	--	--	--	114	--	--	10/13	1.0	40
MIDWEST SEED	GR4752	42.9	--	--	--	--	106	--	--	10/16	1.0	36
MORSOY	RT 3996N	38.5	--	--	--	--	95	--	--	10/6	1.0	35
MORSOY	RT 4485N	46.8	64.3	--	55.5	--	116	111	--	10/15	1.0	41
MORSOY	RT 4731N	39.9	56.6	62.0	48.3	52.8	99	98	103	10/16	1.0	36
MORSOY	RTS 4824	50.4	65.0	61.7	57.7	59.1	125	112	102	10/18	1.0	36
M-PRIDE	MPV3805NRR	43.7	--	--	--	--	108	--	--	10/6	1.0	30
NC+	3A79RR	40.2	--	--	--	--	100	--	--	10/1	1.0	31
NC+	4A42RR	46.6	--	--	--	--	115	--	--	10/10	1.0	36
NC+	4A65RS	34.2	--	--	--	--	85	--	--	10/14	1.0	37
NK	S39-K6	37.9	50.3	62.8	44.1	50.3	94	87	104	10/6	1.0	32
NK	S41-M5	40.0	--	--	--	--	99	--	--	10/5	1.0	34
NK	S42-P7	37.4	52.4	--	44.9	--	93	90	--	10/7	1.0	30
NK	S43-B1	38.8	--	--	--	--	96	--	--	10/15	1.0	33
NK	S49-Q9	44.1	60.2	59.0	52.1	54.4	109	104	98	10/20	1.0	39
OHLDE	O-3712NRR	39.8	57.3	63.3	48.6	53.5	99	99	105	10/2	1.0	36
OHLDE	O-3808	38.0	--	--	--	--	94	--	--	10/6	1.0	32
OHLDE	O-4292	40.8	63.8	--	52.3	--	101	110	--	10/14	1.0	35
OHLDE	O-4595	43.5	60.4	--	51.9	--	108	104	--	10/13	1.0	39
PHILLIPS	385NRS	42.8	59.7	--	51.2	--	106	103	--	10/3	1.0	32
PHILLIPS	415NRR	32.8	--	--	--	--	81	--	--	10/5	1.0	38
PHILLIPS	465NRR	40.8	56.7	--	48.8	--	101	98	--	10/13	1.0	33
PHILLIPS	486NRS	45.0	64.8	--	54.9	--	111	112	--	10/18	1.0	37
PIONEER BRAND	93M95	38.2	--	--	--	--	95	--	--	10/5	1.0	34
PIONEER BRAND	94B73	43.1	60.9	66.9	52.0	57.0	107	105	111	10/11	1.0	37
PIONEER BRAND	94M30	39.4	62.2	--	50.8	--	98	107	--	10/13	1.0	33
RENZE	R3835SRcn	41.1	54.8	66.2	47.9	54.0	102	94	110	10/4	1.0	32
RENZE	R4137SRcn	37.5	--	--	--	--	93	--	--	10/5	1.0	34
RENZE	R4486RRcn	39.6	59.4	--	49.5	--	98	102	--	10/15	1.0	38
RENZE	R4836SRcn	47.5	66.3	--	56.9	--	118	114	--	10/19	1.0	37
TAYLOR	445RR	44.0	61.4	--	52.7	--	109	106	--	10/13	1.0	41
TAYLOR	EXP4540-4RR	41.0	--	--	--	--	101	--	--	10/8	1.0	33
WILLCROSS	RR2385NSTS	39.1	--	--	--	--	97	--	--	10/5	1.0	32
WILLCROSS	RR2432N	38.4	62.9	62.3	50.7	54.5	95	108	103	10/12	1.0	36
WILLCROSS	RR2446N	45.4	60.7	--	53.0	--	112	105	--	10/13	1.0	38
WILLCROSS	RR2478N	37.0	--	--	--	--	92	--	--	10/16	1.0	38
WILLCROSS	RR2494N	43.5	--	--	--	--	108	--	--	10/14	1.0	37
AVERAGES		40.4	58.0	60.4								
CV (%)		6.2	5.9	4.8								
LSD (0.10)		2.9	4.0	3.4								

Values in bold are in the upper LSD group.

Roger Drager Farm, Columbus, Cherokee County; James Long, agronomist, 620-421-4826

Parsons silt loam, pH 7.5, 1.9% OM; P test: L, K test: M Good rainfall at planting, but dry during summer.

0-0-0 lbs N-P-K fertilizer

April May June July Aug. Sept. Total

Rainfall: 5.2 5.7 3.1 3.1 3.3 1.1 22.5

Planted 6/7/2006 at 7 seeds/ft; harvested 10/23/2006; 14 ft. by 2-row plot; pesticides: 1 pt Dual II Magnum® and 4 oz. Canopy XL®

Table 6. Columbus, Cherokee Co. Soybean Performance Test on Cyst Nematode-infested Soil, 2004-2006.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2006		
		2006	2005	2004	2-Yr. AVG.	3-Yr. AVG.	2006	2005	2004	Mat	Lodge score	Ht (in)
DYNA-GRO	31A48	26.3	--	--	--	--	120	--	--	10/5	1.0	25
DYNA-GRO	36Y48	19.2	--	--	--	--	88	--	--	10/3	1.0	26
DYNA-GRO	37A44	22.6	--	--	--	--	103	--	--	9/30	1.0	27
DYNA-GRO	37R46	22.8	--	--	--	--	104	--	--	10/2	1.0	23
DYNA-GRO	38C42	16.1	--	--	--	--	74	--	--	9/26	1.0	24
DYNA-GRO	38D39	10.6	--	--	--	--	48	--	--	9/23	1.0	24
DYNA-GRO	39M53	8.0	--	--	--	--	37	--	--	9/23	1.0	27
DYNA-GRO	DG 3443NRR	17.6	--	--	--	--	80	--	--	9/28	1.0	24
DYNA-GRO	DG 3468NRR	22.3	--	--	--	--	102	--	--	10/6	1.0	24
KANSAS AES	K4602RR	22.6	27.8	--	25.2	--	103	100	--	10/2	1.0	24
KANSAS AES	K5502RR	24.1	31.3	--	27.7	--	110	112	--	10/11	1.0	26
KANSAS AES	KS5004N	25.8	28.5	29.4	27.2	27.9	118	102	118	10/4	1.0	26
KANSAS AES	KS5306NRR	24.8	29.3	--	27.0	--	113	105	--	10/11	1.0	29
KSOY	KS4602N	25.4	27.5	21.1	26.5	24.7	116	99	85	10/3	1.0	26
KSOY	KS5502N	25.1	33.0	24.8	29.1	27.6	115	118	100	10/10	1.0	26
MARYLAND AES	MANOKIN	27.7	28.5	29.0	28.1	28.4	126	102	117	10/5	1.0	24
NK	S49-Q9	25.2	--	--	--	--	115	--	--	10/4	1.0	27
NK	S52-U3	26.7	--	--	--	--	122	--	--	10/14	1.0	25
PIONEER BRAND	94M30	17.3	--	--	--	--	79	--	--	10/5	1.0	24
PIONEER BRAND	94M80	23.7	26.0	--	24.9	--	108	93	--	10/4	1.0	30
PIONEER BRAND	95M30	25.6	--	--	--	--	117	--	--	10/12	1.0	29
PIONEER BRAND	95M50	25.6	29.5	--	27.6	--	117	106	--	10/12	1.0	29
PIONEER BRAND	95M60	20.4	--	--	--	--	93	--	--	10/14	1.0	35
STINE	4782-4	24.0	--	--	--	--	110	--	--	10/4	1.0	24
VIRGINIA AES	HUTCHESON	19.0	28.5	22.5	23.8	23.4	87	102	91	10/7	1.0	26
AVERAGES		21.9	27.9	24.8								
CV (%)		9.8	7.5	11.1								
LSD (0.10)		2.5	2.5	3.3								

Values in bold are in the upper LSD group.

Southeast Agricultural Res-Ext Center, Pittsburg, Crawford County; James Long, agronomist, 620-421-4826

Parsons silt loam, pH 7, 2% OM; P test: L, K test: L Good rainfall before planting, but dry during summer.

40-75-60 lbs N-P-K fertilizer

April May June July Aug. Sept. Total

Rainfall: 5.9 5.7 3.1 3.1 3.3 1.1 22.1

Planted 6/6/2006 at 7 seeds/ft; harvested 10/8/2006; 14 ft. by 2-row plot; pesticides: 22 oz. Roundup Weather Max® + 4 oz. Resource®

Table 7. Pittsburg, Crawford Co. Roundup®-resistant Soybean Performance Test, Maturity Groups III - IV, 2004-2006

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2006		
		2006	2005	2004	2-Yr. AVG.	3-Yr. AVG.	2006	2005	2004	Mat	Lodge score	Ht (in)
ASGROW	AG4403	33.8	--	51.7	--	--	102	--	104	10/2	1.0	28
ASGROW	AG4404	30.5	45.3	--	37.9	--	92	103	--	10/4	1.0	28
ASGROW	AG4703	35.5	--	--	--	--	108	--	--	10/3	1.0	26
DEKALB	DKB46-51	37.4	46.3	51.7	41.9	45.1	113	105	104	10/5	1.0	30
DELTAPINE	DP4331RR	30.2	45.1	50.9	37.6	42.1	92	102	103	10/2	1.0	28
DELTAPINE	DP4724RR	31.4	--	--	--	--	95	--	--	10/7	1.1	28
DYNA-GRO	31Y38	25.9	--	--	--	--	78	--	--	10/4	1.0	24
DYNA-GRO	35G38	22.3	--	--	--	--	68	--	--	9/27	1.0	27
DYNA-GRO	37A44	38.1	--	--	--	--	115	--	--	10/1	1.0	32
DYNA-GRO	37R46	34.1	--	--	--	--	103	--	--	10/5	1.0	25
DYNA-GRO	38C42	31.8	--	--	--	--	96	--	--	9/29	1.0	24
DYNA-GRO	39G43	27.2	--	--	--	--	82	--	--	9/27	1.0	29

Table 7. Pittsburg, Crawford Co. Roundup®-resistant Soybean Performance Test, Maturity Groups III - IV, 2004-2006 - continued.

BRAND	NAME	ACRE YIELD, BUSHELS					YIELD AS % OF TEST AVERAGE			2006		
		2006	2005	2004	2-Yr. AVG.	3-Yr. AVG.	2006	2005	2004	Mat	Lodge score	Ht (in)
DYNA-GRO	DG 3443NRR	30.5	--	--	--	--	92	--	--	10/2	1.0	31
DYNA-GRO	DG 3468NRR	36.0	47.1	--	41.5	--	109	107	--	10/7	1.0	27
KANSAS AES	K4602RR	38.0	--	--	--	--	115	--	--	10/3	1.0	29
KANSAS AES	KS4404RR	32.1	44.8	48.4	38.5	41.8	97	102	98	10/3	1.1	27
KANSAS AES	KS4704RR	34.5	42.6	47.0	38.5	41.4	105	97	95	10/6	1.1	24
MIDLAND	MG 4367NRR	33.6	--	--	--	--	102	--	--	10/1	1.2	30
MIDLAND	MG 4506NRR	36.3	42.6	--	39.4	--	110	97	--	9/30	1.0	32
MIDLAND	MG 9A432NRS	35.3	46.1	--	40.7	--	107	105	--	10/3	1.3	27
MIDWEST SEED	GR4752	35.1	--	--	--	--	106	--	--	10/6	1.0	28
MORSOY	RT 4485N	33.7	47.6	--	40.6	--	102	108	--	10/1	1.0	31
MORSOY	RT 4731N	37.7	--	--	--	--	114	--	--	10/4	1.0	29
NC+	4A42RR	37.8	--	--	--	--	115	--	--	10/2	1.0	32
NC+	4A65RS	31.0	--	--	--	--	94	--	--	10/5	1.0	30
PIONEER BRAND	94B73	31.7	--	--	--	--	96	--	--	10/3	1.0	30
STINE	4782-4	33.6	--	--	--	--	102	--	--	10/7	1.0	27
WILLCROSS	RR2385NSTS	30.3	--	--	--	--	92	--	--	9/26	1.0	28
AVERAGES		33.0	44.0	49.6								
CV (%)		9.9	6.4	5.0								
LSD (0.10)		3.8	3.3	2.9								

Values in bold are in the upper LSD group.

Southeast Agricultural Res-Ext Center, Pittsburg, Crawford County; James Long, agronomist, 620-421-4826

Parsons silt loam, pH 7, 2% OM; P test: L, K test: L

Good rainfall at planting, but dry during summer.

40-75-60 lbs N-P-K fertilizer

April May June July Aug. Sept. Total

Rainfall: 5.9 5.7 3.1 3.1 3.3 1.1 22.1

Planted 6/6/2006 at 7 seeds/ft; harvested 10/23/2006; 14 ft. by 2-row plot; pesticides: 22 oz Roundup Weathermax® + 4 oz. Resource®

Table 8. Pittsburg, Crawford Co. Roundup®-resistant Soybean Performance Test, Maturity Groups IV - V, 2004-2006.

BRAND	NAME	ACRE YIELD, BUSHELS					YIELD AS % OF TEST AVERAGE			2006		
		2006	2005	2004	2-Yr. AVG.	3-Yr. AVG.	2006	2005	2004	Mat	Lodge score	Ht (in)
ADVANCED GENETICS	AG4880NRS	34.0	40.8	52.6	37.4	42.5	101	106	112	10/9	1.0	27
ADVANCED GENETICS	AG5333NRR	33.1	39.5	48.8	36.3	40.5	99	103	104	10/13	1.0	28
ADVANCED GENETICS	AG5440NRS	34.2	39.0	--	36.6	--	102	101	--	10/13	1.0	32
ASGROW	AG4903	39.1	42.3	49.0	40.7	43.5	117	110	105	10/9	1.0	31
ASGROW	AG5301	35.5	38.3	44.7	36.9	39.5	106	99	96	10/12	1.0	32
ASGROW	AG5501	36.0	37.5	41.4	36.8	38.3	107	97	88	10/12	1.0	34
ASGROW	AG5605	35.6	41.5	48.1	38.6	41.7	106	108	103	10/10	1.0	30
CROPLAN GENETICS	RC4955	32.6	--	--	--	--	97	--	--	10/9	1.0	31
CROPLAN GENETICS	RC5455	36.4	37.0	--	36.7	--	109	96	--	10/11	1.0	32
DELTAPINE	DP4919RR/S	27.3	--	--	--	--	81	--	--	10/8	1.0	36
DYNA-GRO	31A48	36.3	--	--	--	--	108	--	--	10/8	1.0	29
DYNA-GRO	36Y48	29.7	--	--	--	--	89	--	--	10/8	1.0	27
DYNA-GRO	39M53	17.0	--	--	--	--	51	--	--	10/10	1.0	30
KANSAS AES	K5502RR	34.6	39.8	--	37.2	--	103	103	--	10/13	1.0	31
KANSAS AES	KS5306NRR	33.4	36.3	--	34.8	--	100	94	--	10/11	1.0	32
MIDLAND	MG 4806NRS	34.4	41.3	--	37.8	--	103	107	--	10/9	1.0	28
MIDLAND	MG 5197NRS	35.4	--	--	--	--	106	--	--	10/11	1.0	32
MIDLAND	MG 9A494XRR	31.8	35.3	47.7	33.5	38.3	95	92	102	10/9	1.0	29
MIDLAND	MG 9A545NRS	34.3	38.8	45.4	36.5	39.5	102	101	97	10/11	1.0	34
MIDWEST SEED	GR4831	35.3	41.5	--	38.4	--	105	108	--	10/10	1.0	28
MIDWEST SEED	GR5531	33.0	--	--	--	--	99	--	--	10/14	1.0	40
MORSOY	RT 5154N	33.8	42.3	50.7	38.0	42.3	101	110	108	10/7	1.0	32
MORSOY	RTS 4824	35.5	42.8	51.2	39.1	43.2	106	111	110	10/8	1.0	28
MORSOY	RTS 4955N	28.6	--	--	--	--	85	--	--	10/9	1.0	30
MORSOY	RTS 5166N	36.5	--	--	--	--	109	--	--	10/11	1.0	31
M-PRIDE	MPV4807NRR	32.1	--	--	--	--	96	--	--	10/7	1.0	26
M-PRIDE	MPV4905NRR	33.6	38.3	46.5	35.9	39.5	100	99	99	10/7	1.0	31

Table 8. Pittsburg, Crawford Co. Roundup®-resistant Soybean Performance Test, Maturity Groups IV - V, 2004-2006 - continued.

BRAND	NAME	ACRE YIELD, BUSHELS					YIELD AS % OF TEST AVERAGE			2006		
		2006	2005	2004	2-Yr. AVG.	3-Yr. AVG.	2006	2005	2004	Mat	Lodge score	Ht (in)
M-PRIDE	MPV5407NRR	37.2	--	--	--	--	111	--	--	10/12	1.0	34
M-PRIDE	MPV5505NRR	33.0	41.8	49.2	37.4	41.3	99	108	105	10/10	1.0	32
NC+	5A15RR	29.8	--	--	--	--	89	--	--	10/14	1.0	33
NK	S49-Q9	36.3	37.0	50.9	36.7	41.4	108	96	109	10/7	1.0	34
NK	S52-U3	36.8	40.5	41.9	38.7	39.8	110	105	90	10/14	1.0	29
NK	S57-P1	36.8	35.3	40.4	36.0	37.5	110	92	86	10/13	1.0	31
PIONEER BRAND	95M30	30.1	--	--	--	--	90	--	--	10/12	1.0	33
PIONEER BRAND	95M50	33.4	40.5	--	37.0	--	100	105	--	10/13	1.0	31
WILLCROSS	RR2494N	31.2	--	48.2	--	--	93	--	103	10/7	1.0	32
WILLCROSS	RR2544NSTS	37.2	41.8	45.7	39.5	41.5	111	108	98	10/10	1.0	28
AVERAGES		33.5	38.6	46.8								
CV (%)		7.9	6.8	5.3								
LSD (0.10)		3.1	3.0	2.9								

Values in bold are in the upper LSD group.

North Central KS Experiment Field, Belleville, Republic County; Barney Gordon, agronomist, 785-335-2836

Crete silt loam, pH 6.5, % OM; P test: H, K test: H Dry spring and early summer, but good rainfall in August and early September.

0--0 lbs N-P-K fertilizer

April May June July Aug. Sept. Total

Rainfall: 2.6 2.4 1.8 3.5 6.3 4.4 20.9

Planted 5/22/2006 at 10 seeds/ft; harvested 10/23/2006; 25 ft. by 2-row plot; pesticides: 1.5 pt. Dual® + .25 lb/a Sencor® preplant, 24 oz. Roundup Ultra® at planting, 24 oz. Roundup Ultra® postemergence

Table 9. Belleville, Republic Co. Roundup®-resistant Soybean Performance Test, 2004-2006.

BRAND	NAME	ACRE YIELD, BUSHELS					YIELD AS % OF TEST AVERAGE			2006		
		2006	2005	2004	2-Yr. AVG.	3-Yr. AVG.	2006	2005	2004	Mat	Lodge score	Ht (in)
ASGROW	AG2802	36.2	--	--	--	--	88	--	--	9/30	1.0	27
ASGROW	AG3005	43.0	45.1	--	44.0	--	104	86	--	10/1	1.0	24
ASGROW	AG3006	41.5	--	--	--	--	101	--	--	10/1	1.0	25
ASGROW	AG3101	39.6	--	--	--	--	96	--	--	10/1	1.0	22
ASGROW	AG3203	43.4	--	--	--	--	105	--	--	10/2	1.0	25
ASGROW	AG3302	46.9	--	--	--	--	114	--	--	10/2	1.0	25
ASGROW	AG3305	42.6	60.4	--	51.5	--	103	115	--	10/2	1.0	21
CROPLAN GENETICS	RC3555	39.7	--	--	--	--	96	--	--	10/4	1.0	22
CROPLAN GENETICS	RC3624	41.1	--	--	--	--	100	--	--	10/5	1.0	26
CROPLAN GENETICS	RC3864	41.0	--	--	--	--	100	--	--	10/8	1.0	23
DEKALB	DKB36-52	38.8	54.1	--	46.5	--	94	103	--	10/6	1.0	24
DYNA-GRO	31Y38	36.4	58.5	--	47.4	--	88	111	--	10/5	1.0	21
DYNA-GRO	32C38	41.9	50.1	38.8	46.0	43.6	102	95	104	10/5	1.0	23
DYNA-GRO	35G38	41.2	--	--	--	--	100	--	--	10/8	1.0	25
DYNA-GRO	39N35	41.0	--	--	--	--	100	--	--	10/5	1.0	23
DYNA-GRO	DG 3362NRR	44.3	--	38.8	--	--	108	--	104	10/3	1.0	21
FONTANELLE	9488NRS	44.5	--	--	--	--	108	--	--	10/8	1.0	23
FONTANELLE	9633NRR	43.4	--	--	--	--	105	--	--	10/3	1.0	21
FONTANELLE	9652NRR	42.1	--	--	--	--	102	--	--	10/6	1.0	23
FONTANELLE	9680NRR	39.8	--	--	--	--	97	--	--	10/7	1.0	21
KANSAS AES	KS3406RR	38.6	--	--	--	--	94	--	--	10/3	1.0	23
KRUGER	K-315RR/SCN	40.0	--	--	--	--	97	--	--	10/2	1.0	25
KRUGER	K-328RR	38.1	52.1	36.6	45.1	42.3	92	99	98	10/4	1.0	24
KRUGER	K-333RR/SCN	42.3	52.5	--	47.4	--	103	100	--	10/3	1.0	23
KRUGER	K-341RR/SCN	38.1	52.1	--	45.1	--	92	99	--	10/4	1.0	23
KRUGER	K-342RR/SCN	37.4	--	--	--	--	91	--	--	10/3	1.0	22
KRUGER	K-355RR/SCN	40.2	56.9	36.4	48.6	44.5	98	108	97	10/5	1.0	23
KRUGER	K-363RR/SCN	40.8	--	--	--	--	99	--	--	10/4	1.0	22
KRUGER	K-366RR/SCN	41.8	--	--	--	--	101	--	--	10/8	1.0	24
KRUGER	K-389RR/SCN	42.0	56.3	40.8	49.2	46.4	102	107	109	10/9	1.0	24
KRUGER	K-399RR/SCN	40.7	46.3	--	43.5	--	99	88	--	10/8	1.0	23
KRUGER	K-410RR/SCN	41.8	--	--	--	--	101	--	--	10/9	1.0	23

Table 9. Belleville, Republic Co. Roundup®-resistant Soybean Performance Test, 2004-2006 - continued.

BRAND	NAME	ACRE YIELD, BUSHELS					YIELD AS % OF TEST AVERAGE			2006		
		2006	2005	2004	2-Yr. AVG.	3-Yr. AVG.	2006	2005	2004	Mat	Lodge score	Ht (in)
MIDLAND-PHILLIPS	346NRR	44.4	--	--	--	--	108	--	--	10/4	1.0	27
MIDLAND-PHILLIPS	376NRR	38.5	--	--	--	--	93	--	--	10/6	1.0	21
MIDLAND-PHILLIPS	385NRS	41.7	57.6	--	49.6	--	101	109	--	10/8	1.0	24
NK	S30-D4	42.5	--	--	--	--	103	--	--	10/2	1.0	23
NK	S32-E2	39.6	--	--	--	--	96	--	--	10/2	1.0	26
NK	S32-G5	41.9	57.6	32.1	49.7	43.8	102	109	86	10/3	1.0	23
NK	S37-N4	42.9	58.2	34.7	50.6	45.3	104	111	93	10/8	1.0	28
OHLDE	O-3334NRR	42.2	57.3	--	49.7	--	102	109	--	10/4	1.0	28
OHLDE	O-3707	39.9	--	--	--	--	97	--	--	10/6	1.0	28
OHLDE	O-3808	39.8	--	--	--	--	97	--	--	10/8	1.0	21
PIONEER BRAND	93M11	42.6	--	--	--	--	103	--	--	10/1	1.0	22
PIONEER BRAND	93M43	42.2	--	--	--	--	102	--	--	10/4	1.0	28
PIONEER BRAND	93M95	44.7	--	--	--	--	109	--	--	10/9	1.0	26
STINE	4782-4	40.8	--	--	--	--	99	--	--	10/9	1.0	25
TAYLOR	EXP3760-4RR	41.9	--	--	--	--	102	--	--	10/6	1.0	22
AVERAGES		41.2	52.6	37.4								
CV (%)		6.9	5.8	5.4								
LSD (0.10)		3.9	4.2	2.8								

Values in bold are in the upper LSD group.

Irrigation Experiment Field, Scandia, Republic County; Barney Gordon, agronomist, 785-335-2836

Crete silt loam, pH 6.8, % OM; P test: H, K test: VH Dry spring and early summer, but good rainfall in August and early September.
0-0-0 lbs N-P-K fertilizer

	April	May	June	July	Aug.	Sept.	Total
Rainfall:	3.7	3.6	1.8	4.7	9.3	4.2	27.3
Irrigation:			1.3	1.3	3.0		5.6

Planted 5/17/2006 at 12 seeds/ft; harvested 10/12/2006; 25 ft. by 2-row plot; pesticides: 1.5 pt. Dual® + .25 lb/a Sencor® preplant, 24 oz. Roundup Ultra® at planting, 24 oz. Roundup Ultra® postemergence

Table 10. Scandia, Republic Co. Irrigated Roundup®-resistant Soybean Performance Test, 2004-2006.

BRAND	NAME	ACRE YIELD, BUSHELS					YIELD AS % OF TEST AVERAGE			2006		
		2006	2005	2004	2-Yr. AVG.	3-Yr. AVG.	2006	2005	2004	Mat	Lodge score	Ht (in)
ASGROW	AG2802	66.7	--	--	--	--	96	--	--	9/29	1.2	40
ASGROW	AG3005	68.7	--	--	--	--	99	--	--	9/30	1.0	40
ASGROW	AG3006	72.9	--	--	--	--	105	--	--	9/28	1.0	40
ASGROW	AG3203	69.5	--	--	--	--	100	--	--	10/1	1.0	39
ASGROW	AG3302	65.9	--	--	--	--	95	--	--	10/1	1.1	41
ASGROW	AG3305	72.9	81.8	70.4	77.3	75.0	105	103	107	10/1	1.0	39
ASGROW	AG3505	71.0	--	--	--	--	102	--	--	10/3	1.0	37
ASGROW	AG3602	69.4	80.2	68.5	74.8	72.7	100	101	104	10/4	1.0	40
CROPLAN GENETICS	RC3555	65.1	77.8	--	71.4	--	94	98	--	10/2	1.2	38
CROPLAN GENETICS	RC3624	66.3	--	--	--	--	96	--	--	10/3	1.0	42
CROPLAN GENETICS	RC3864	71.1	--	--	--	--	103	--	--	10/6	1.1	40
DYNA-GRO	31Y38	71.5	84.6	--	78.1	--	103	107	--	10/4	1.1	38
DYNA-GRO	32C38	67.8	78.7	--	73.3	--	98	99	--	10/6	1.0	38
DYNA-GRO	35G38	68.3	--	--	--	--	99	--	--	10/5	1.0	41
DYNA-GRO	39N35	67.2	--	--	--	--	97	--	--	10/3	1.0	40
DYNA-GRO	DG 3362NRR	67.7	--	--	--	--	98	--	--	10/2	1.2	39
FONTANELLE	9488NRS	70.0	--	--	--	--	101	--	--	10/7	1.1	41
FONTANELLE	9633NRR	72.4	--	--	--	--	104	--	--	9/30	1.0	40
FONTANELLE	9652NRR	69.6	--	--	--	--	100	--	--	10/2	1.0	40
FONTANELLE	9680NRR	71.6	--	--	--	--	103	--	--	10/7	1.5	41
KANSAS AES	KS3406RR	74.5	79.0	--	76.8	--	108	99	--	10/1	1.0	42
KRUGER	K-315RR/SCN	66.7	--	--	--	--	96	--	--	10/2	1.0	42
KRUGER	K-328RR	70.9	75.6	69.8	73.2	72.1	102	95	106	9/30	1.4	42
KRUGER	K-333RR/SCN	69.8	78.7	--	74.2	--	101	99	--	10/3	1.0	40
KRUGER	K-341RR/SCN	63.6	79.6	--	71.6	--	92	100	--	10/2	1.0	42
KRUGER	K-342RR/SCN	68.0	--	--	--	--	98	--	--	10/2	1.0	39
KRUGER	K-355RR/SCN	69.6	76.8	69.4	73.2	71.9	100	97	105	10/2	1.2	41

Table 10. Scandia, Republic Co. Irrigated Roundup®-resistant Soybean Performance Test, 2004-2006 - continued.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2006		
		2006	2005	2004	2-Yr. AVG.	3-Yr. AVG.	2006	2005	2004	Mat	Lodge score	Ht (in)
KRUGER	K-363RR/SCN	70.2	--	--	--	--	101	--	--	10/3	1.4	41
KRUGER	K-366RR/SCN	67.5	--	--	--	--	97	--	--	10/6	1.4	39
KRUGER	K-389RR/SCN	69.4	77.5	65.2	73.5	70.7	100	98	99	10/6	1.0	37
KRUGER	K-399RR/SCN	65.0	77.2	--	71.1	--	94	97	--	10/6	1.5	41
KRUGER	K-410RR/SCN	67.3	--	--	--	--	97	--	--	10/7	1.1	43
MIDLAND-PHILLIPS	346NRR	69.8	82.3	--	76.0	--	101	104	--	10/2	1.0	44
MIDLAND-PHILLIPS	347NRR	70.4	--	--	--	--	102	--	--	10/2	1.3	41
MIDLAND-PHILLIPS	354RS	69.5	81.3	66.7	75.4	72.5	100	102	101	10/3	1.6	43
MIDLAND-PHILLIPS	366NRS	69.1	79.7	--	74.4	--	100	100	--	10/3	1.1	45
MIDLAND-PHILLIPS	376NRR	69.2	--	--	--	--	100	--	--	10/4	1.0	42
MIDLAND-PHILLIPS	377NRR	68.4	--	--	--	--	99	--	--	10/4	1.2	39
MIDLAND-PHILLIPS	385NRS	71.8	79.6	70.7	75.7	74.0	104	100	107	10/5	1.0	40
NK	S32-E2	70.8	--	--	--	--	102	--	--	10/1	1.0	42
NK	S32-G5	72.8	81.8	68.6	77.3	74.4	105	103	104	9/30	1.1	41
NK	S33-A8	66.4	--	--	--	--	96	--	--	10/1	1.0	42
NK	S35-F9	72.3	86.4	66.5	79.4	75.1	104	109	101	10/2	1.0	39
NK	S36-C7	72.9	--	--	--	--	105	--	--	10/4	1.1	35
NK	S41-M5	68.7	--	--	--	--	99	--	--	10/7	1.0	43
OHLDE	O-3334NRR	71.2	79.1	--	75.2	--	103	100	--	10/1	1.0	44
OHLDE	O-3532	71.9	--	--	--	--	104	--	--	10/2	1.1	41
OHLDE	O-3808	68.9	--	--	--	--	99	--	--	10/6	1.1	39
PIONEER BRAND	93M11	69.4	--	--	--	--	100	--	--	9/30	1.4	40
PIONEER BRAND	93M43	70.7	--	--	--	--	102	--	--	10/2	1.0	39
PIONEER BRAND	93M96	71.0	--	--	--	--	102	--	--	10/5	1.0	42
RENZE	R3726RR	65.9	81.8	--	73.8	--	95	103	--	10/4	1.1	44
RENZE	R3797RRcn	69.7	--	--	--	--	101	--	--	10/5	1.1	41
RENZE	R3835SRcn	66.7	--	--	--	--	96	--	--	10/3	1.0	38
RENZE	R4137SRcn	67.3	--	--	--	--	97	--	--	10/4	1.0	41
STINE	3602-4	69.0	--	--	--	--	100	--	--	10/3	1.0	39
TAYLOR	353RR	70.2	85.4	--	77.8	--	101	107	--	10/2	1.0	41
AVERAGES		69.3	79.4	65.8								
CV (%)		3.6	2.8	2.9								
LSD (0.10)		3.3	3.1	2.6								

Values in bold are in the upper LSD group.

Harvey County Experiment Field, Hesston, Harvey County; Mark Claassen, agronomist, 620-327-2547

Ladysmith silty clay loam, pH 6.3, 2.4% OM; P test: H, K test: VH
14-37-0 lbs N-P-K fertilizer

Rainfall: April May June July Aug. Sept. Total
3.1 2.2 4.0 3.1 5.1 1.2 18.7

Rainfall before planting provided for good emergence and stand establishment. Dry and extended hot periods from May until August, when moderate temperatures and above-normal rainfall greatly benefited the crop. Later-maturing varieties were affected by a 10/18 freeze. Woollybear caterpillars posed a significant threat in late August, but were effectively controlled with insecticide. No lodging and little to no shattering reported.

Planted 6/26/2006 at 8 seeds/ft; harvested 11/1/2006; 30 ft. by 2-row plot; pesticides: Preplant: 1.4 oz. Sceptor+1.33 pt Dual II Magnum +1.33 oz 2,4-DLVE+33 oz Roundup Original Max®; Postemerge: 32 oz. Rascal Plus®

Table 11. Hesston, Harvey Co. Roundup®-resistant Soybean Performance Test, 2004-2006.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2006		
		2006	2005	2004	2-Yr. AVG.	3-Yr. AVG.	2006	2005	2004	Mat	Lodge score	Ht (in)
ADVANCED GENETICS	AG3833NRS	45.4	45.2	--	45.3	--	121	113	--	10/7	1.0	31
ADVANCED GENETICS	AG4040NRR	39.0	35.7	--	37.3	--	104	90	--	10/10	1.0	38
AGSOURCE	9406	30.2	--	--	--	--	81	--	--	10/15	1.0	34
AGSOURCE	9443	32.5	--	--	--	--	87	--	--	10/17	1.0	39
AGSOURCE	9476	35.5	--	--	--	--	95	--	--	10/26	1.0	35
ASGROW	AG3905	40.5	35.5	28.4	38.0	34.8	108	89	101	10/16	1.0	34
ASGROW	AG4103	42.3	--	--	--	--	113	--	--	10/16	1.0	37
ASGROW	AG4404	28.6	37.6	--	33.1	--	76	94	--	10/17	1.0	37
CROPLAN GENETICS	RC3555	43.5	--	--	--	--	116	--	--	10/4	1.0	32
CROPLAN GENETICS	RC3624	44.6	--	--	--	--	119	--	--	10/4	1.0	33
CROPLAN GENETICS	RC3864	42.0	--	--	--	--	112	--	--	10/8	1.0	32

Table 11. Hesston, Harvey Co. Roundup®-resistant Soybean Performance Test, 2004-2006 - continued.

BRAND	NAME	ACRE YIELD, BUSHELS					YIELD AS % OF TEST AVERAGE			2006		
		2006	2005	2004	2-Yr. AVG.	3-Yr. AVG.	2006	2005	2004	Mat	Lodge score	Ht (in)
DEKALB	DKB40-51	35.2	--	--	--	--	94	--	--	10/17	1.0	37
DEKALB	DKB42-51	33.7	--	--	--	--	90	--	--	10/11	1.0	33
DEKALB	DKB46-51	29.7	--	--	--	--	79	--	--	10/22	1.0	38
DELTAPINE	DP4331RR	39.8	41.2	27.4	40.5	36.1	106	103	98	10/16	1.0	34
DELTAPINE	DP4724RR	30.6	--	--	--	--	82	--	--	10/21	1.0	35
DELTAPINE	DP4919RR/S	33.3	--	--	--	--	89	--	--	10/19	1.0	42
DYNA-GRO	31A48	38.5	--	--	--	--	103	--	--	10/23	1.0	35
DYNA-GRO	31Y38	43.7	40.0	--	41.9	--	117	100	--	10/4	1.0	29
DYNA-GRO	32C38	45.7	42.3	28.0	44.0	38.6	122	106	100	10/7	1.0	32
DYNA-GRO	35G38	38.6	--	--	--	--	103	--	--	10/7	1.0	33
DYNA-GRO	36Y48	30.2	--	--	--	--	81	--	--	10/22	1.0	39
DYNA-GRO	37R46	36.5	--	--	--	--	98	--	--	10/24	1.0	29
DYNA-GRO	38C42	33.6	--	--	--	--	90	--	--	10/16	1.0	29
DYNA-GRO	38D39	32.8	--	--	--	--	88	--	--	10/11	1.0	34
DYNA-GRO	DG 3362NRR	36.4	--	23.3	--	--	97	--	83	10/5	1.0	29
KANSAS AES	K4602RR	28.4	--	--	--	--	76	--	--	10/24	1.0	36
KANSAS AES	KS3406RR	39.0	--	--	--	--	104	--	--	10/4	1.0	31
KANSAS AES	KS4404RR	34.5	40.3	27.0	37.4	34.0	92	101	96	10/17	1.0	35
KANSAS AES	KS4704RR	35.8	38.1	27.0	37.0	33.7	96	96	97	10/20	1.0	33
MIDLAND	MG 3806RR	45.1	39.0	--	42.0	--	121	98	--	10/4	1.0	29
MIDLAND	MG 3827NRR	42.5	--	--	--	--	114	--	--	10/9	1.0	32
MIDLAND	MG 4157NRS	37.8	--	--	--	--	101	--	--	10/15	1.0	33
MIDLAND	MG 4367NRR	38.4	--	--	--	--	103	--	--	10/14	1.0	36
MIDLAND	MG 4506NRR	28.9	41.8	--	35.4	--	77	105	--	10/18	1.0	40
MIDLAND	MG 4806NRS	35.9	40.5	--	38.2	--	96	102	--	10/24	1.0	35
MIDLAND	MG 9A385NRS	47.2	41.8	28.1	44.5	39.0	126	105	100	10/7	1.0	31
MIDLAND	MG 9A432NRS	33.3	40.7	28.9	37.0	34.3	89	102	103	10/18	1.0	36
MIDWEST SEED	GR3832	42.0	--	--	--	--	112	--	--	10/4	1.0	32
MIDWEST SEED	GR3933	40.3	--	--	--	--	108	--	--	10/4	1.0	30
MIDWEST SEED	GR4455	30.3	--	--	--	--	81	--	--	10/17	1.0	37
NC+	3A79RR	47.4	--	--	--	--	127	--	--	10/3	1.0	30
NC+	3A85RS	42.0	--	--	--	--	112	--	--	10/7	1.0	32
NK	S41-M5	27.7	--	--	--	--	74	--	--	10/5	1.0	36
NK	S43-B1	32.8	41.4	--	37.1	--	88	104	--	10/16	1.0	34
OHLDE	O-3712NRR	36.9	45.2	--	41.0	--	99	113	--	10/9	1.0	36
OHLDE	O-3808	41.9	--	--	--	--	112	--	--	10/7	1.0	32
OHLDE	O-4292	33.2	42.6	--	37.9	--	89	107	--	10/19	1.0	34
PHILLIPS	385NRS	44.3	40.8	--	42.5	--	118	102	--	10/6	1.0	32
PHILLIPS	415NRR	35.7	--	--	--	--	95	--	--	10/8	1.0	38
PHILLIPS	436NRS	40.2	--	--	--	--	107	--	--	10/21	1.0	36
PIONEER BRAND	93M95	38.5	--	--	--	--	103	--	--	10/8	1.0	36
PIONEER BRAND	94B73	48.7	45.6	--	47.1	--	130	114	--	10/20	1.0	36
PIONEER BRAND	94M80	27.5	--	--	--	--	74	--	--	10/20	1.0	41
STINE	3832-4	40.0	46.0	30.7	43.0	38.9	107	115	109	10/12	1.0	32
STINE	4302-4	33.2	40.2	--	36.7	--	89	101	--	10/20	1.0	39
TAYLOR	EXP4540-4RR	37.4	--	--	--	--	100	--	--	10/11	1.0	35
AVERAGES		37.4	39.8	28.0								
CV (%)		13.1	9.6	10.9								
LSD (0.10)		5.7	4.5	3.6								

Values in bold are in the upper LSD group.

Richard Seck Farm, Hutchinson, Reno County; Bill Heer, agronomist, 620-662-9021

Punkin-Taver complex, pH 6.3, % OM; P test: , K test: Planting conditions were excellent with good emergence. The rest of the growing season was hot and dry.

	April	May	June	July	Aug.	Sept.	Total
Rainfall:	2.8	4.2	4.5	1.9	2.5	1.3	17.3
Irrigation:				3.0	5.0	4.0	12.0

Planted 5/16/2006 at 8 seeds/ft; harvested 10/13/2006; 30 ft. by 2-row plot; pesticides: 2 applications of 22 oz. Roundup Weather Max® + Headline

Table 12. Hutchinson, Reno Co. Irrigated Roundup®-resistant Soybean Performance Test, 2004-2006.

BRAND	NAME	ACRE YIELD, BUSHEL			YIELD AS % OF TEST AVERAGE			2006				
		2006	2005	2004	2-Yr. AVG.	3-Yr. AVG.	2006	2005	2004	Mat	Lodge score	Ht (in)
ADVANCED GENETICS	AG3833NRS	86.5	44.9	--	65.7	--	116	108	--	9/24	1.0	32
ADVANCED GENETICS	AG4040NRR	73.6	50.8	--	62.2	--	99	122	--	9/20	1.0	43
ASGROW	AG3602	74.9	38.5	--	56.7	--	101	93	--	9/17	1.0	35
ASGROW	AG3705	72.0	--	--	--	--	97	--	--	9/28	1.0	37
ASGROW	AG3802	64.1	38.2	--	51.1	--	86	92	--	9/24	1.0	39
ASGROW	AG4103	71.4	--	--	--	--	96	--	--	9/25	1.0	39
ASGROW	AG4403	64.8	43.0	--	53.9	--	87	103	--	9/23	1.0	44
ASGROW	AG4404	67.9	47.1	--	57.5	--	91	113	--	9/25	1.0	38
CROPLAN GENETICS	RC3624	75.9	--	--	--	--	102	--	--	9/21	1.0	37
CROPLAN GENETICS	RC3935	71.4	--	--	--	--	96	--	--	9/25	1.0	38
CROPLAN GENETICS	RC4095	76.3	48.8	--	62.6	--	103	117	--	9/25	1.0	43
CROPLAN GENETICS	RC4455	76.8	--	--	--	--	103	--	--	9/22	1.0	45
DEKALB	DKB40-51	52.0	--	--	--	--	70	--	--	9/24	1.0	41
DELTAPINE	DP4331RR	65.0	48.5	--	56.8	--	87	117	--	9/24	1.0	43
DELTAPINE	DP4724RR	64.5	--	--	--	--	87	--	--	9/25	1.0	42
DELTAPINE	DP4919RR/S	66.1	--	--	--	--	89	--	--	9/30	1.0	47
DYNA-GRO	31Y38	79.7	--	--	--	--	107	--	--	9/20	1.0	35
DYNA-GRO	32C38	82.5	--	66.9	--	--	111	--	111	9/22	1.0	32
DYNA-GRO	33A37	72.3	--	--	--	--	97	--	--	9/21	1.0	35
DYNA-GRO	35B40	70.1	--	55.6	--	--	94	--	92	9/25	1.0	42
DYNA-GRO	35G38	71.7	--	--	--	--	97	--	--	9/25	1.0	37
DYNA-GRO	38C42	81.7	--	--	--	--	110	--	--	9/27	1.0	35
DYNA-GRO	38D39	73.3	--	--	--	--	99	--	--	9/24	1.0	35
DYNA-GRO	39G43	82.0	--	--	--	--	110	--	--	9/20	1.0	37
DYNA-GRO	DG 3362NRR	80.6	--	61.1	--	--	108	--	101	9/25	1.0	38
DYNA-GRO	DG 3390NRR	72.9	--	--	--	--	98	--	--	9/26	1.0	37
KANSAS AES	KS3406RR	77.0	--	--	--	--	104	--	--	9/29	1.0	35
KANSAS AES	KS4404RR	71.7	45.8	59.2	58.8	58.9	97	110	98	9/29	1.0	44
MIDLAND	MG 3806RR	78.9	35.0	--	56.9	--	106	84	--	9/24	1.0	33
MIDLAND	MG 3827NRR	72.3	--	--	--	--	97	--	--	9/20	1.0	35
MIDLAND	MG 4157NRS	72.3	--	--	--	--	97	--	--	9/24	1.0	37
MIDLAND	MG 4367NRR	71.7	--	--	--	--	97	--	--	9/23	1.0	40
MIDLAND	MG 4506NRR	68.7	47.0	--	57.9	--	92	113	--	9/22	1.0	46
MIDLAND	MG 4806NRS	68.8	46.7	--	57.8	--	93	112	--	10/1	1.0	45
MIDLAND	MG 9A385NRS	89.3	43.7	68.0	66.5	67.0	120	105	113	9/24	1.0	33
MIDLAND	MG 9A432NRS	74.9	49.5	66.9	62.2	63.8	101	119	111	9/25	1.0	42
MIDWEST SEED	GR3832	82.7	--	--	--	--	111	--	--	9/21	1.0	33
MIDWEST SEED	GR3933	77.4	--	--	--	--	104	--	--	10/1	1.0	35
MIDWEST SEED	GR4455	68.5	--	--	--	--	92	--	--	9/21	1.0	43
NC+	3A79RR	78.8	--	--	--	--	106	--	--	9/19	1.0	34
NC+	3A85RS	83.4	--	--	--	--	112	--	--	9/25	1.0	33
NC+	4A14RR	75.4	--	--	--	--	101	--	--	9/20	1.0	39
NK	S32-E2	63.7	--	--	--	--	86	--	--	9/27	1.0	34
NK	S33-A8	69.1	--	--	--	--	93	--	--	9/24	1.0	37
NK	S35-F9	83.2	47.7	--	65.5	--	112	115	--	9/22	1.0	34
NK	S36-C7	73.4	--	--	--	--	99	--	--	9/20	1.0	34
NK	S39-K6	75.9	28.5	60.3	52.2	54.9	102	69	100	9/23	1.0	38
NK	S39-Q4	71.3	--	--	--	--	96	--	--	9/24	1.0	39
NK	S41-M5	75.0	--	--	--	--	101	--	--	9/25	1.0	42
OHLDE	O-3334NRR	82.5	--	--	--	--	111	--	--	9/14	1.0	39
OHLDE	O-3532	72.9	--	--	--	--	98	--	--	9/25	1.0	35
OHLDE	O-3712NRR	74.9	--	--	--	--	101	--	--	9/21	1.0	41

Table 12. Hutchinson, Reno Co. Irrigated Roundup®-resistant Soybean Performance Test, 2004-2006 - continued.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2006		
		2006	2005	2004	2-Yr. AVG.	3-Yr. AVG.	2006	2005	2004	Mat	Lodge score	Ht (in)
OHLDE	O-3808	69.8	--	--	--	--	94	--	--	9/24	1.0	35
OHLDE	O-4292	77.9	52.2	--	65.0	--	105	125	--	9/25	1.0	39
PHILLIPS	366NRS	76.6	--	--	--	--	103	--	--	9/21	1.0	40
PHILLIPS	376NRR	77.6	--	--	--	--	104	--	--	9/24	1.0	33
PHILLIPS	385NRS	85.6	37.3	--	61.5	--	115	90	--	9/23	1.0	34
PHILLIPS	415NRR	71.4	--	--	--	--	96	--	--	9/23	1.0	45
PHILLIPS	432NRS	73.6	44.9	--	59.3	--	99	108	--	9/24	1.0	39
PHILLIPS	436NRS	63.6	42.8	--	53.2	--	86	103	--	9/25	1.0	41
PIONEER BRAND	93B85	78.6	44.4	58.5	61.5	60.5	106	107	97	9/25	1.0	33
PIONEER BRAND	93M96	81.5	--	--	--	--	110	--	--	9/22	1.0	37
PIONEER BRAND	94M30	73.1	50.5	--	61.8	--	98	121	--	10/3	1.0	40
STINE	4402-4	73.2	--	--	--	--	99	--	--	9/25	1.0	37
TAYLOR	427RRS	84.9	--	--	--	--	114	--	--	9/27	1.0	41
TAYLOR	EXP4540-4RR	75.8	--	--	--	--	102	--	--	9/24	1.0	38
AVERAGES		74.3	41.6	60.3								
CV (%)		8.3	12.5	4.2								
LSD (0.10)		7.2	7.1	3.0								

Values in bold are in the upper LSD group.

Northwest Research-Extension Center, Colby, Thomas County; Pat Evans, agronomist, 785-462-6281

Keith silt loam, pH 7.9, 1.9% OM; P test: L, K test: -
50-45-0 lbs N-P-K fertilizer

Good growing conditions. The plants seemed to recover well from hail received in mid-June.

	April	May	June	July	Aug.	Sept.	Total
Rainfall:	0.6	1.0	3.2	1.7	2.4	2.1	11.1
Irrigation:			9.0	6.0	6.0	21.0	

Planted 5/17/2006 at 9 seeds/ft; harvested 10/4/2006; 20 ft. by 2-row plot; pesticides: 2 applications of Roundup Ultra®

Table 13. Colby, Thomas Co. Irrigated Roundup®-resistant Soybean Performance Test, 2004-2006.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2006		
		2006	2005	2004	2-Yr. AVG.	3-Yr. AVG.	2006	2005	2004	Mat	Lodge score	Ht (in)
ASGROW	AG3005	66.3	76.1	--	71.2	--	109	112	--	9/23	1.3	32
ASGROW	AG3203	55.7	--	--	--	--	92	--	--	9/25	1.0	29
ASGROW	AG3302	62.3	--	--	--	--	103	--	--	9/24	1.0	35
ASGROW	AG3305	62.4	77.1	70.4	69.7	70.0	103	114	125	9/28	1.0	34
CROPLAN GENETICS	RC3555	59.8	--	--	--	--	99	--	--	9/27	1.5	32
CROPLAN GENETICS	RC3624	71.2	--	--	--	--	117	--	--	9/28	1.2	34
DYNA-GRO	33D27	63.3	--	--	--	--	104	--	--	9/20	1.0	32
DYNA-GRO	35C23	45.4	--	--	--	--	75	--	--	9/17	1.0	29
DYNA-GRO	35D33	67.3	76.6	--	72.0	--	111	113	--	10/2	1.8	33
DYNA-GRO	36C28	54.3	--	--	--	--	90	--	--	9/22	1.0	30
DYNA-GRO	36J29	57.9	--	--	--	--	96	--	--	9/23	1.4	34
DYNA-GRO	37K32	63.4	--	--	--	--	105	--	--	9/24	1.2	34
DYNA-GRO	37T26	47.4	--	--	--	--	78	--	--	9/20	1.0	31
DYNA-GRO	39J25	43.6	--	--	--	--	72	--	--	9/18	1.0	27
KANSAS AES	KS3406RR	60.1	--	--	--	--	99	--	--	9/27	1.3	32
LG SEEDS	C3500RR	68.4	--	--	--	--	113	--	--	9/30	1.0	34
NK	S32-E2	52.5	--	--	--	--	87	--	--	9/22	1.0	31
NK	S35-F9	76.7	76.9	--	76.8	--	127	114	--	10/2	1.5	36
NK	S36-C7	61.0	--	--	--	--	101	--	--	10/2	1.0	30
OHLDE	O-3334NRR	72.7	77.8	65.5	75.2	72.0	120	115	117	9/30	1.8	37
PIONEER BRAND	93M11	57.1	61.0	51.1	59.1	56.4	94	90	91	9/23	1.2	31
PIONEER BRAND	93M13	61.4	--	--	--	--	101	--	--	9/27	1.3	32
PIONEER BRAND	93M43	62.6	--	--	--	--	103	--	--	9/24	1.0	33
AVERAGES		60.6	67.7	56.1								
CV (%)		11.5	6.1	13.0								
LSD (0.10)		8.2	4.8	12.6								

Values in bold are in the upper LSD group.

Southwest Research-Extension Center, Garden City, Finney County; Monty Spangler, agronomist, 620-276-8286

Ulysses silt loam, pH na, % OM na; P test: , K test: Good moisture at planting. Good emergence evenly across study; disease and insect free.
 0-0-0 lbs N-P-K fertilizer

April May June July Aug. Sept. Total
 Rainfall: 0.9 2.8 2.3 4.3 10.3

Irrigation:

Planted 5/23/2006 at 10 seeds/ft; harvested 10/3/2006; 21 ft. by 4-row plot; pesticides: 2.5 qt. Pursuit Plus®

Table 14. Garden City, Finney Co. Irrigated Roundup®-resistant Soybean Performance Test, 2003-2006.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2006		
		2006	2004	2003	2-Yr. AVG.	3-Yr. AVG.	2006	2004	2003	Mat	Lodge score	Ht (in)
ASGROW	AG3602	57.2	42.5	--	49.9	--	94	90	--	9/20	1.7	32
ASGROW	AG3705	61.4	--	--	--	--	101	--	--	9/23	1.4	33
ASGROW	AG3802	62.0	26.1	--	44.1	--	102	56	--	9/23	2.0	36
ASGROW	AG3906	61.0	48.3	--	54.7	--	101	103	--	9/24	1.6	33
ASGROW	AG4404	62.8	--	--	--	--	104	--	--	9/28	2.0	33
CROPLAN GENETICS	RC3555	54.0	--	--	--	--	89	--	--	9/19	1.1	31
CROPLAN GENETICS	RC3624	60.7	--	--	--	--	100	--	--	9/19	1.0	32
CROPLAN GENETICS	RC3864	63.1	--	--	--	--	104	--	--	9/25	1.3	29
DEKALB	DKB40-51	57.7	--	--	--	--	95	--	--	9/22	1.4	34
DEKALB	DKB46-51	59.6	--	--	--	--	98	--	--	9/28	2.0	34
DRUSSEL SEED	DSS3862RR	57.3	--	--	--	--	95	--	--	9/23	1.0	32
DYNA-GRO	31Y38	63.8	--	--	--	--	105	--	--	9/21	1.3	29
DYNA-GRO	32C38	66.5	42.8	--	54.7	--	110	91	--	9/26	0.8	29
DYNA-GRO	33A37	58.7	50.9	49.7	54.8	53.1	97	108	106	9/20	1.8	31
DYNA-GRO	35B40	61.3	54.7	--	58.0	--	101	116	--	9/27	1.8	35
DYNA-GRO	35G38	53.8	--	--	--	--	89	--	--	9/22	1.0	31
DYNA-GRO	38C42	64.4	--	--	--	--	106	--	--	9/26	1.3	31
DYNA-GRO	38D39	59.3	--	--	--	--	98	--	--	9/24	1.6	33
DYNA-GRO	39G43	59.1	--	--	--	--	98	--	--	9/21	1.7	33
KANSAS AES	KS3406RR	58.6	--	--	--	--	97	--	--	9/19	1.3	30
LG SEEDS	C3888NRR	60.9	--	--	--	--	101	--	--	9/23	1.0	31
MIDLAND	MG 3806RR	58.9	--	--	--	--	97	--	--	9/22	0.9	28
MIDLAND	MG 3827NRR	57.3	--	--	--	--	95	--	--	9/25	1.0	33
MIDLAND	MG 4157NRS	56.1	--	--	--	--	93	--	--	9/27	1.7	32
MIDLAND	MG 4367NRR	58.4	--	--	--	--	96	--	--	9/27	1.8	34
MIDLAND	MG 4506NRR	66.1	--	--	--	--	109	--	--	9/30	1.9	40
MIDLAND	MG 4806NRS	60.9	--	--	--	--	101	--	--	9/26	1.7	32
MIDLAND	MG 9A385NRS	69.7	44.0	--	56.9	--	115	94	--	9/24	1.7	32
MIDLAND	MG 9A432NRS	71.3	46.0	54.3	58.7	57.2	118	98	116	9/28	1.8	34
NK	S36-C7	51.2	--	--	--	--	84	--	--	9/22	1.0	28
NK	S39-Q4	65.8	--	--	--	--	109	--	--	9/26	1.7	33
NK	S41-M5	60.0	--	--	--	--	99	--	--	9/24	1.6	34
PIONEER BRAND	93B85	59.9	39.5	62.7	49.7	54.0	99	84	133	9/22	1.3	29
PIONEER BRAND	93M43	53.5	--	--	--	--	88	--	--	9/18	1.1	30
PIONEER BRAND	93M82	67.3	--	--	--	--	111	--	--	9/19	1.5	33
PIONEER BRAND	93M92	68.2	61.4	--	64.8	--	113	130	--	9/25	1.3	33
STINE	3602-4	53.1	--	--	--	--	88	--	--	9/21	1.0	33
AVERAGES		60.6	47.0	47.0								
CV (%)		9.4	15.7	11.2								
LSD (0.10)		6.7	12.0	7.1								

Values in bold are in the upper LSD group.

Table 15. Yield as a Percentage of Test Average from 2006 Tests.

BRAND/NAME	Centralia	Topeka dryland	Topeka irrigated	Ottawa	Columbus			Belleville	Scandia	Hesston	Hutch- inson	Colby	Garden City	AVG
					SCN	MG 4	MG 5							
ADVANCED GENETICS														
AG3833NRS	--	115	106	--	--	--	--	--	--	121	116	--	--	115
AG4040NRR	--	--	--	87	--	--	--	--	--	104	99	--	--	97
AG4880NRS	--	--	--	121	--	--	101	--	--	--	--	--	--	111
AG5333NRR	--	--	--	105	--	--	99	--	--	--	--	--	--	102
AG5440NRS	--	--	--	111	--	--	102	--	--	--	--	--	--	106
AGSOURCE														
9383	113	--	--	--	--	--	--	--	--	--	--	--	--	113
9396	96	--	--	--	--	--	--	--	--	--	--	--	--	96
9406	103	--	--	--	--	--	--	--	--	81	--	--	--	92
9443	111	--	--	--	--	--	--	--	--	87	--	--	--	99
9476	--	--	--	--	--	--	--	--	--	95	--	--	--	95
ASGROW														
AG2802	--	--	--	--	--	--	--	88	96	--	--	--	--	92
AG3005	--	--	--	--	--	--	--	104	99	--	--	109	--	104
AG3006	--	--	--	--	--	--	--	101	105	--	--	--	--	103
AG3101	--	--	--	--	--	--	--	96	--	--	--	--	--	96
AG3203	--	--	--	--	--	--	--	105	100	--	--	92	--	99
AG3302	99	--	--	--	--	--	--	114	95	--	--	103	--	103
AG3305	95	--	--	--	--	--	--	103	105	--	--	103	--	102
AG3505	--	--	--	--	--	--	--	--	102	--	--	--	--	102
AG3602	100	93	--	--	--	--	--	--	100	--	101	--	94	98
AG3705	109	97	--	98	--	--	--	--	--	--	97	--	101	100
AG3802	100	105	--	95	--	--	--	--	--	--	86	--	102	98
AG3905	110	83	--	84	--	--	--	--	--	108	--	--	--	96
AG3906	--	--	--	--	--	--	--	--	--	--	--	--	101	101
AG4103	--	113	--	95	--	--	--	--	--	113	96	--	--	104
AG4403	--	106	--	98	--	102	--	--	--	--	87	--	--	98
AG4404	--	98	--	93	--	92	--	--	--	76	91	--	104	93
AG4703	--	--	--	110	--	108	--	--	--	--	--	--	--	109
AG4903	--	--	--	--	--	--	117	--	--	--	--	--	--	117
AG5301	--	--	--	--	--	--	106	--	--	--	--	--	--	106
AG5501	--	--	--	--	--	--	107	--	--	--	--	--	--	107
AG5605	--	--	--	--	--	--	106	--	--	--	--	--	--	106
CROPLAN GENETICS														
RC3555	102	--	62	--	--	--	--	96	94	116	--	99	89	94
RC3624	--	--	--	--	--	--	--	100	96	119	102	117	100	106
RC3864	102	91	109	--	--	--	--	100	103	112	--	--	104	103
RC3935	99	89	88	--	--	--	--	--	--	--	96	--	--	93
RC4095	--	--	--	93	--	--	--	--	--	--	103	--	--	98
RC4455	--	--	--	112	--	--	--	--	--	--	103	--	--	108
RC4655	--	--	--	85	--	--	--	--	--	--	--	--	--	85
RC4955	--	--	--	--	--	--	97	--	--	--	--	--	--	97
RC5455	--	--	--	--	--	--	109	--	--	--	--	--	--	109

Table 15. Yield as a Percentage of Test Average from 2006 Tests - continued.

BRAND/NAME	Centralia	Topeka dryland	Topeka irrigated	Ottawa	Columbus			Belleville	Scandia	Hesston	Hutch- inson	Colby	Garden City	AVG
					SCN	MG 4	MG 5							
DEKALB														
DKB36-52	--	--	--	--	--	--	--	94	--	--	--	--	--	94
DKB38-52	107	--	--	--	--	--	--	--	--	--	--	--	--	107
DKB40-51	--	--	--	--	--	--	--	--	--	94	70	--	95	86
DKB42-51	--	--	--	--	--	--	--	--	--	90	--	--	--	90
DKB46-51	--	126	--	101	--	113	--	--	--	79	--	--	98	104
DELTAPINE														
DP4331RR	--	--	--	--	--	92	--	--	--	106	87	--	--	95
DP4724RR	--	--	--	--	--	95	--	--	--	82	87	--	--	88
DP4919RR/S	--	--	--	--	--	--	81	--	--	89	89	--	--	86
DRUSSEL SEED														
DSS3862RR	--	--	--	--	--	--	--	--	--	--	--	--	95	95
DYNA-GRO														
31A48	--	--	--	--	120	--	108	--	--	103	--	--	--	110
31Y38	95	94	100	97	--	78	--	88	103	117	107	--	105	99
32C38	--	97	--	103	--	--	--	102	98	122	111	--	110	106
33A37	--	--	--	--	--	--	--	--	--	--	97	--	97	97
33D27	--	--	--	--	--	--	--	--	--	--	--	104	--	104
35B40	--	--	--	--	--	--	--	--	--	--	94	--	101	98
35C23	--	--	--	--	--	--	--	--	--	--	--	75	--	75
35D33	--	--	--	--	--	--	--	--	--	--	--	111	--	111
35G38	96	101	100	95	--	68	--	100	99	103	97	--	89	95
36C28	--	--	--	--	--	--	--	--	--	--	--	90	--	90
36J29	--	--	--	--	--	--	--	--	--	--	--	96	--	96
36Y48	--	--	--	--	88	--	89	--	--	81	--	--	--	86
37A44	--	--	--	--	103	115	--	--	--	--	--	--	--	109
37K32	--	--	103	--	--	--	--	--	--	--	--	105	--	104
37R46	--	--	--	--	104	103	--	--	--	98	--	--	--	102
37T26	--	--	--	--	--	--	--	--	--	--	--	78	--	78
38C42	--	--	--	--	74	96	--	--	--	90	110	--	106	95
38D39	--	--	--	--	48	--	--	--	--	88	99	--	98	83
39G43	--	--	--	--	--	82	--	--	--	--	110	--	98	97
39J25	--	--	--	--	--	--	--	--	--	--	--	72	--	72
39M53	--	--	--	--	37	--	51	--	--	--	--	--	--	44
39N35	88	95	82	85	--	--	--	100	97	--	--	--	--	91
DG 3362NRR	--	108	--	102	--	--	--	108	98	97	108	--	--	104
DG 3390NRR	--	--	--	--	--	--	--	--	--	--	98	--	--	98
DG 3443NRR	--	--	--	--	80	92	--	--	--	--	--	--	--	86
DG 3468NRR	--	--	--	--	102	109	--	--	--	--	--	--	--	105
FONTANELLE														
9488NRS	106	--	94	--	--	--	--	108	101	--	--	--	--	102
9633NRR	93	--	95	--	--	--	--	105	104	--	--	--	--	100
9652NRR	100	--	98	--	--	--	--	102	100	--	--	--	--	100
9680NRR	96	--	101	--	--	--	--	97	103	--	--	--	--	99
HAMON														
AG4006N	--	97	105	--	--	--	--	--	--	--	--	--	--	101

Table 15. Yield as a Percentage of Test Average from 2006 Tests - continued.

BRAND/NAME	Centralia	Topeka dryland	Topeka irrigated	Ottawa	Columbus			Belleville	Scandia	Hesston	Hutch- inson	Colby	Garden City	AVG
					SCN	MG 4	MG 5							
KANSAS AES														
K4602RR	80	89	95	91	103	115	--	--	--	76	--	--	--	93
K5502RR	--	--	--	--	110	--	103	--	--	--	--	--	--	107
KS3406RR	102	--	--	--	--	--	--	94	108	104	104	99	97	101
KS4404RR	105	117	89	103	--	97	--	--	--	92	97	--	--	100
KS4704RR	92	116	101	98	--	105	--	--	--	96	--	--	--	101
KS5004N	--	--	--	--	118	--	--	--	--	--	--	--	--	118
KS5306NRR	--	--	--	--	113	--	100	--	--	--	--	--	--	106
KRUGER														
K-315RR/SCN	--	--	--	--	--	--	--	97	96	--	--	--	--	97
K-328RR	--	--	--	--	--	--	--	92	102	--	--	--	--	97
K-333RR/SCN	97	--	--	--	--	--	--	103	101	--	--	--	--	100
K-341RR/SCN	94	--	--	--	--	--	--	92	92	--	--	--	--	93
K-342RR/SCN	97	--	--	--	--	--	--	91	98	--	--	--	--	95
K-355RR/SCN	94	86	98	89	--	--	--	98	100	--	--	--	--	94
K-363RR/SCN	102	91	97	89	--	--	--	99	101	--	--	--	--	97
K-366RR/SCN	102	90	92	89	--	--	--	101	97	--	--	--	--	95
K-389RR/SCN	105	114	117	107	--	--	--	102	100	--	--	--	--	108
K-399RR/SCN	102	106	84	91	--	--	--	99	94	--	--	--	--	96
K-410RR/SCN	94	99	97	85	--	--	--	101	97	--	--	--	--	96
K-433RR/SCN	108	112	123	113	--	--	--	--	--	--	--	--	--	114
K-456RR/SCN	--	97	94	86	--	--	--	--	--	--	--	--	--	92
K-476RR/SCN	--	129	112	109	--	--	--	--	--	--	--	--	--	116
KSOY														
KS4602N	--	--	--	--	116	--	--	--	--	--	--	--	--	116
KS5502N	--	--	--	--	115	--	--	--	--	--	--	--	--	115
LEWIS														
3827	96	--	--	--	--	--	--	--	--	--	--	--	--	96
3853	104	--	--	--	--	--	--	--	--	--	--	--	--	104
3907	101	--	--	--	--	--	--	--	--	--	--	--	--	101
4207	103	--	--	--	--	--	--	--	--	--	--	--	--	103
LG SEEDS														
C3500RR	--	--	--	--	--	--	--	--	--	--	--	113	--	113
C3888NRR	--	--	--	--	--	--	--	--	--	--	--	--	101	101
MARYLAND AES														
MANOKIN	--	--	--	--	126	--	--	--	--	--	--	--	--	126

Table 15. Yield as a Percentage of Test Average from 2006 Tests - continued.

BRAND/NAME	Centralia	Topeka dryland	Topeka irrigated	Ottawa	Columbus			Belleville	Scandia	Hesston	Hutch- inson	Colby	Garden City	AVG
					SCN	MG 4	MG 5							
MIDLAND														
MG 3517NRR	101	--	--	--	--	--	--	--	--	--	--	--	--	101
MG 3806RR	--	--	--	--	--	--	--	--	--	121	106	--	97	108
MG 3827NRR	98	119	96	93	--	--	--	--	--	114	97	--	95	102
MG 4087NRR	109	93	--	92	--	--	--	--	--	--	--	--	--	98
MG 4157NRS	100	101	102	100	--	--	--	--	--	101	97	--	93	99
MG 4367NRR	--	96	98	99	--	102	--	--	--	103	97	--	96	99
MG 4477NRR	--	86	108	--	--	--	--	--	--	--	--	--	--	97
MG 4506NRR	--	110	--	113	--	110	--	--	--	77	92	--	109	102
MG 4806NRS	--	--	--	117	--	--	103	--	--	96	93	--	101	102
MG 5197NRS	--	--	--	--	--	--	106	--	--	--	--	--	--	106
MG 9A373NRR	100	88	--	93	--	--	--	--	--	--	--	--	--	94
MG 9A385NRS	110	101	121	--	--	--	--	--	--	126	120	--	115	116
MG 9A432NRS	--	--	--	106	--	107	--	--	--	89	101	--	118	104
MG 9A442NRR	--	--	97	96	--	--	--	--	--	--	--	--	--	96
MG 9A494XRR	--	--	--	--	--	--	95	--	--	--	--	--	--	95
MG 9A545NRS	--	--	--	--	--	--	102	--	--	--	--	--	--	102
MG 9B395NRR	110	93	--	98	--	--	--	--	--	--	--	--	--	100
MIDLAND-PHILLIPS														
346NRR	--	--	--	--	--	--	--	108	101	--	--	--	--	104
347NRR	--	--	--	--	--	--	--	--	102	--	--	--	--	102
354RS	--	--	--	--	--	--	--	--	100	--	--	--	--	100
366NRS	--	--	--	--	--	--	--	--	100	--	--	--	--	100
376NRR	--	--	--	--	--	--	--	93	100	--	--	--	--	97
377NRR	--	--	--	--	--	--	--	--	99	--	--	--	--	99
385NRS	--	--	--	--	--	--	--	101	104	--	--	--	--	102
MIDWEST SEED														
GR3832	--	--	118	104	--	--	--	--	--	112	111	--	--	112
GR3933	--	--	101	--	--	--	--	--	--	108	104	--	--	104
GR4455	--	--	--	114	--	--	--	--	--	81	92	--	--	96
GR4752	--	--	--	106	--	106	--	--	--	--	--	--	--	106
GR4831	--	--	--	--	--	--	105	--	--	--	--	--	--	105
GR5531	--	--	--	--	--	--	99	--	--	--	--	--	--	99
MORSOY														
RT 3996N	--	--	--	95	--	--	--	--	--	--	--	--	--	95
RT 4485N	--	--	--	116	--	102	--	--	--	--	--	--	--	109
RT 4731N	--	--	--	99	--	114	--	--	--	--	--	--	--	107
RT 5154N	--	--	--	--	--	--	101	--	--	--	--	--	--	101
RTS 4824	--	--	--	125	--	--	106	--	--	--	--	--	--	115
RTS 4955N	--	--	--	--	--	--	85	--	--	--	--	--	--	85
RTS 5166N	--	--	--	--	--	--	109	--	--	--	--	--	--	109

Table 15. Yield as a Percentage of Test Average from 2006 Tests - continued.

BRAND/NAME	Centralia	Topeka dryland	Topeka irrigated	Ottawa	Columbus			Belleville	Scandia	Hesston	Hutch- inson	Colby	Garden City	AVG
					SCN	MG 4	MG 5							
M-PRIDE														
MPV3805NRR	--	--	--	108	--	--	--	--	--	--	--	--	--	108
MPV4807NRR	--	--	--	--	--	--	96	--	--	--	--	--	--	96
MPV4905NRR	--	--	--	--	--	--	100	--	--	--	--	--	--	100
MPV5407NRR	--	--	--	--	--	--	111	--	--	--	--	--	--	111
MPV5505NRR	--	--	--	--	--	--	99	--	--	--	--	--	--	99
NC+														
3A79RR	--	108	--	100	--	--	--	--	--	127	106	--	--	110
3A85RS	--	--	--	--	--	--	--	--	--	112	112	--	--	112
4A14RR	--	90	--	--	--	--	--	--	--	--	101	--	--	96
4A42RR	--	--	--	115	--	115	--	--	--	--	--	--	--	115
4A65RS	--	--	--	85	--	94	--	--	--	--	--	--	--	89
5A15RR	--	--	--	--	--	--	89	--	--	--	--	--	--	89
NK														
S30-D4	--	--	--	--	--	--	--	103	--	--	--	--	--	103
S32-E2	--	56	87	--	--	--	--	96	102	--	86	87	--	86
S32-G5	--	--	--	--	--	--	--	102	105	--	--	--	--	103
S33-A8	--	--	--	--	--	--	--	--	96	--	93	--	--	94
S35-F9	101	103	107	--	--	--	--	--	104	--	112	127	--	109
S36-C7	90	86	106	--	--	--	--	--	105	--	99	101	84	96
S37-N4	--	--	--	--	--	--	--	104	--	--	--	--	--	104
S39-K6	97	101	--	94	--	--	--	--	--	--	102	--	--	98
S39-Q4	--	--	--	--	--	--	--	--	--	--	96	--	109	102
S41-M5	95	92	93	99	--	--	--	--	99	74	101	--	99	94
S42-P7	--	95	97	93	--	--	--	--	--	--	--	--	--	95
S43-B1	--	--	--	96	--	--	--	--	--	88	--	--	--	92
S49-Q9	--	--	--	109	115	--	108	--	--	--	--	--	--	111
S52-U3	--	--	--	--	122	--	110	--	--	--	--	--	--	116
S57-P1	--	--	--	--	--	--	110	--	--	--	--	--	--	110
OHLDE														
O-3334NRR	108	--	--	--	--	--	--	102	103	--	111	120	--	109
O-3532	101	--	84	--	--	--	--	--	104	--	98	--	--	97
O-3707	96	77	--	--	--	--	--	97	--	--	--	--	--	90
O-3712NRR	--	--	--	99	--	--	--	--	--	99	101	--	--	99
O-3727NRS	113	--	114	--	--	--	--	--	--	--	--	--	--	113
O-3808	88	95	102	94	--	--	--	97	99	112	94	--	--	98
O-4292	--	116	--	101	--	--	--	--	--	89	105	--	--	103
O-4595	--	117	--	108	--	--	--	--	--	--	--	--	--	113

Table 15. Yield as a Percentage of Test Average from 2006 Tests - continued.

BRAND/NAME	Centralia	Topeka dryland	Topeka irrigated	Ottawa	Columbus			Belleville	Scandia	Hesston	Hutch- inson	Colby	Garden City	AVG
					SCN	MG 4	MG 5							
PHILLIPS														
346NRR	--	81	--	--	--	--	--	--	--	--	--	--	--	81
366NRS	--	--	106	--	--	--	--	--	--	--	103	--	--	105
376NRR	--	--	113	--	--	--	--	--	--	--	104	--	--	109
377NRR	92	--	96	--	--	--	--	--	--	--	--	--	--	94
385NRS	111	100	102	106	--	--	--	--	--	118	115	--	--	109
415NRR	--	84	103	81	--	--	--	--	--	95	96	--	--	92
432NRS	--	--	102	--	--	--	--	--	--	--	99	--	--	101
436NRS	--	--	83	--	--	--	--	--	--	107	86	--	--	92
465NRR	--	--	--	101	--	--	--	--	--	--	--	--	--	101
486NRS	--	--	--	111	--	--	--	--	--	--	--	--	--	111
PIONEER BRAND														
93B85	--	--	--	--	--	--	--	--	--	--	106	--	99	102
93M11	--	--	--	--	--	--	--	103	100	--	--	94	--	99
93M13	--	--	--	--	--	--	--	--	--	--	--	101	--	101
93M43	--	--	--	--	--	--	--	102	102	--	--	103	88	99
93M81	101	73	--	--	--	--	--	--	--	--	--	--	--	87
93M82	--	--	--	--	--	--	--	--	--	--	--	--	111	111
93M92	100	--	--	--	--	--	--	--	--	--	--	--	113	106
93M95	104	91	--	95	--	--	--	109	--	103	--	--	--	100
93M96	--	--	103	--	--	--	--	--	102	--	110	--	--	105
94B73	--	109	104	107	--	96	--	--	--	130	--	--	--	109
94M30	--	--	117	98	79	--	--	--	--	--	98	--	--	98
94M80	--	--	--	--	108	--	--	--	--	74	--	--	--	91
95M30	--	--	--	--	117	--	90	--	--	--	--	--	--	103
95M50	--	--	--	--	117	--	100	--	--	--	--	--	--	108
95M60	--	--	--	--	93	--	--	--	--	--	--	--	--	93
PRAIRIE BRAND														
PB-3894NRRSTS	112	--	--	--	--	--	--	--	--	--	--	--	--	112
PB-3905RR	91	--	--	--	--	--	--	--	--	--	--	--	--	91
PB-4036NRRSTS	86	--	--	--	--	--	--	--	--	--	--	--	--	86
PB-4256NRR	103	--	--	--	--	--	--	--	--	--	--	--	--	103
RENZE														
R3726RR	102	--	--	--	--	--	--	--	95	--	--	--	--	99
R3797RRcn	95	122	91	--	--	--	--	--	101	--	--	--	--	102
R3835SRcn	106	--	--	102	--	--	--	--	96	--	--	--	--	101
R4137SRcn	95	103	86	93	--	--	--	--	97	--	--	--	--	95
R4486RRcn	--	113	--	98	--	--	--	--	--	--	--	--	--	105
R4695RRcn	--	--	118	--	--	--	--	--	--	--	--	--	--	118
R4836SRcn	--	123	101	118	--	--	--	--	--	--	--	--	--	114

Table 15. Yield as a Percentage of Test Average from 2006 Tests - continued.

BRAND/NAME	Centralia	Topeka dryland	Topeka irrigated	Ottawa	Columbus			Belleville	Scandia	Hesston	Hutch- inson	Colby	Garden City	AVG
					SCN	MG 4	MG 5							
STINE														
3232-4	96	--	--	--	--	--	--	--	--	--	--	--	--	96
3532-4	--	--	110	--	--	--	--	--	--	--	--	--	--	110
3600-4	94	--	--	--	--	--	--	--	--	--	--	--	--	94
3602-4	--	--	92	--	--	--	--	--	100	--	--	--	88	93
3832-4	--	--	--	--	--	--	--	--	--	107	--	--	--	107
4102-4	--	--	101	--	--	--	--	--	--	--	--	--	--	101
4302-4	--	--	--	--	--	--	--	--	--	89	--	--	--	89
4402-4	--	--	--	--	--	--	--	--	--	--	99	--	--	99
4782-4	--	--	--	--	110	102	--	99	--	--	--	--	--	103
TAYLOR														
353RR	93	101	104	--	--	--	--	--	101	--	--	--	--	100
398RRS	111	--	94	--	--	--	--	--	--	--	--	--	--	103
427RRS	--	--	--	--	--	--	--	--	--	--	114	--	--	114
445RR	--	--	--	109	--	--	--	--	--	--	--	--	--	109
EXP3760-4RR	101	--	--	--	--	--	--	102	--	--	--	--	--	101
EXP4540-4RR	--	--	--	101	--	--	--	--	--	100	102	--	--	101
VIRGINIA AES														
HUTCHESON	--	--	--	--	87	--	--	--	--	--	--	--	--	87
WILLCROSS														
RR2385NSTS	--	83	--	97	--	92	--	--	--	--	--	--	--	90
RR2386	91	105	--	--	--	--	--	--	--	--	--	--	--	98
RR2392N	100	--	--	--	--	--	--	--	--	--	--	--	--	100
RR2432N	--	105	--	95	--	--	--	--	--	--	--	--	--	100
RR2446N	--	120	--	112	--	--	--	--	--	--	--	--	--	116
RR2478N	--	104	--	92	--	--	--	--	--	--	--	--	--	98
RR2494N	--	--	--	108	--	--	93	--	--	--	--	--	--	100
RR2544NSTS	--	--	--	--	--	--	111	--	--	--	--	--	--	111

Table 16. Description of Entries in 2006 Soybean Performance Tests.

BRAND	NAME	*Maturity Group	Flower color	Hilum color	SCN Resistance					Phytophthora		STS
					R1	R3	R4	R14	Source	RA	Tolerance	
ADVANCED GENETICS	AG3833NRS	3.8	W	Bf	--	R	--	MR	PI88788	Rps1c	2.2	STS
ADVANCED GENETICS	AG4040NRR	4.0	P	lb	--	MR	--	--	--	--	2.5	--
ADVANCED GENETICS	AG4880NRS	4.8	P	Bl	--	--	MR	--	--	Rps1a	2.6	STS
ADVANCED GENETICS	AG5333NRR	5.3	W	Bf	--	R	--	MR	--	--	2.5	--
ADVANCED GENETICS	AG5440NRS	5.4	P	Bf	--	R	--	R	--	--	3.0	STS
AGSOURCE	9383	3.8	P	Bl	--	R	--	MR	PI	--	3.0	STS
AGSOURCE	9396	--	--	--	--	--	--	--	--	--	--	--
AGSOURCE	9406	--	--	--	--	--	--	--	--	--	--	--
AGSOURCE	9443	--	--	--	--	--	--	--	--	--	--	--
AGSOURCE	9476	--	--	--	--	--	--	--	--	--	--	--
ASGROW	AG2802	2.8	P	lb	--	R	--	--	--	Rps1k	--	--
ASGROW	AG3005	3.0	P	lb	S	S	S	S	--	Rps1c	5.0	--
ASGROW	AG3006	3.0	P	lb	--	MR	--	--	PI88788	Rps1k7	--	--
ASGROW	AG3101	3.1	P	lb	--	MR	--	--	PI88788	Rps1c	--	--
ASGROW	AG3203	3.2	P	lb	--	MR	--	--	PI88788	Rps1c	--	--
ASGROW	AG3302	3.3	P	lb	--	--	--	--	--	Rps1c	--	--
ASGROW	AG3305	3.3	P	lb	--	R	--	--	PI88788	Rps1c	6.0	--
ASGROW	AG3505	3.5	P	lb	--	MR	--	--	PI88788	Rps1k	4.0	--
ASGROW	AG3602	3.6	P	lb	--	R	--	--	PI88788	Rps1c	8.0	--
ASGROW	AG3705	3.7	P	Bl	--	MR	--	--	PI88788	Rps1c	--	--
ASGROW	AG3802	3.8	P	lb	--	R	--	--	PI88788	Rps1c	6.0	--
ASGROW	AG3905	3.9	P	Bl	S	R	S	S	PI88788	Rps1c	5.0	--
ASGROW	AG3906	3.9	P	Bl	--	MR	--	--	PI88788	--	5.0	--
ASGROW	AG4103	4.1	W	Bf	--	MR	--	--	--	Rps1a	--	--
ASGROW	AG4403	4.4	P	Bl	S	MR	S	S	PI88788	Rps1a	6.0	--
ASGROW	AG4404	4.4	W	Bl	--	MR	--	--	PI88788	Rps1c	5.0	--
ASGROW	AG4703	4.7	P	Bl	--	--	--	--	--	Rps1a	5.0	--
ASGROW	AG4903	4.9	P	Bl	--	--	--	--	--	--	8.0	--
ASGROW	AG5301	5.3	W	Bf	S	MR	S	R	PI88788	Rps3a	3.0	--
ASGROW	AG5501	5.5	P	lb	S	R	S	MR	PI88788	--	3.0	--
ASGROW	AG5605	5.6	P	lb	S	R	S	MR	PI88788	--	4.0	--
CROPLAN GENETICS	RC3555	3.5	P	Bl	--	--	--	--	--	Rps1k	3.0	--
CROPLAN GENETICS	RC3624	3.6	P	lb	--	R	--	R	PI88788	Rps1c	3.0	--
CROPLAN GENETICS	RC3864	3.8	W	Bf	--	R	--	R	PI88788	Rps1c	3.0	--
CROPLAN GENETICS	RC3935	3.9	W	Bl	--	R	--	R	PI88788	Rps1c	3.0	--
CROPLAN GENETICS	RC4095	4.0	W	Bl	--	MR	--	--	PI88788	--	2.0	--
CROPLAN GENETICS	RC4455	4.4	P	Br	--	MR	--	MR	PI88788	--	2.0	--
CROPLAN GENETICS	RC4655	4.6	P	Bl	--	MR	--	--	PI88788	--	2.0	--
CROPLAN GENETICS	RC4955	4.9	P	Bl	--	R	--	--	PI88788	--	2.0	--
CROPLAN GENETICS	RC5455	5.4	P	Bf	--	R	--	MR	PI88788	Rps1c	4.0	--
DEKALB	DKB36-52	3.6	P	lb	--	R	--	--	PI88788	Rps1c	8.0	--
DEKALB	DKB38-52	3.8	W	Bf	MR	MR	S	S	PI88788	Rps1c	4.0	--
DEKALB	DKB40-51	4.0	P	G	--	R	--	MR	PI88788	--	--	--

Table 16. Description of Entries in 2006 Soybean Performance Tests - continued.

BRAND	NAME	*Maturity Group	Flower color	Hilum color	SCN Resistance					Phytophthora		STS
					R1	R3	R4	R14	Source	RA	Tolerance	
DEKALB	DKB42-51	4.2	P	lb	--	R	--	--	PI88788	Rps1c	5.0	--
DEKALB	DKB46-51	4.6	W	Bl	S	R	S	R	PI88788	--	4.0	--
DELTAPINE	DP4331RR	4.3	P	Bf	--	MR	--	MR	--	Rps1a	--	--
DELTAPINE	DP4724RR	4.7	P	Bl	--	R	--	MR	--	Rps1k	--	--
DELTAPINE	DP4919RR/S	4.9	W	Bl	--	--	--	--	--	--	4.0	STS
DRUSSEL SEED	DSS3862RR	3.8	P	lb	--	R	--	R	P288788	--	2.0	--
DYNA-GRO	31A48	4.8	P	Bl	--	R	--	R	--	Rps1a	4.0	--
DYNA-GRO	31Y38	3.8	P	Bl	--	--	--	--	--	--	2.0	--
DYNA-GRO	32C38	3.8	W	Br	--	R	--	R	PI88788	Rps1c	3.0	--
DYNA-GRO	33A37	3.7	P	lb	--	R	--	R	PI88788	Rps1c	3.0	--
DYNA-GRO	33D27	2.7	P	lb	--	R	--	R	--	Rps1k	3.0	--
DYNA-GRO	35B40	4.0	P	Bl	--	--	--	--	PI88788	Rps1c	4.0	--
DYNA-GRO	35C23	2.3	P	Bf	--	--	--	--	--	Rps1a	4.0	--
DYNA-GRO	35D33	3.3	P	lb	--	--	--	--	--	--	--	--
DYNA-GRO	35G38	3.8	P	Bl	--	R	--	R	--	--	2.0	--
DYNA-GRO	36C28	2.8	P	Br	--	R	--	R	--	Rps1k	4.0	--
DYNA-GRO	36J29	2.9	P	Bl	--	R	--	R	--	--	2.0	--
DYNA-GRO	36Y48	4.8	P	Br	--	R	--	R	--	--	3.0	STS
DYNA-GRO	37A44	4.4	P	Br	--	R	--	R	--	--	3.0	--
DYNA-GRO	37K32	3.2	P	Bl	--	--	--	--	--	Rps1c	3.0	--
DYNA-GRO	37R46	4.6	P	Bl	--	R	--	R	--	--	3.0	STS
DYNA-GRO	37T26	2.6	P	lb	--	--	--	--	--	Rps1c	4.0	--
DYNA-GRO	38C42	4.2	W	Bl	--	R	--	R	--	--	4.0	STS
DYNA-GRO	38D39	3.9	P	Bl	--	R	--	--	--	--	2.0	--
DYNA-GRO	39G43	4.3	P	Bl	--	--	--	--	--	Rps1k	5.0	--
DYNA-GRO	39J25	2.5	P	Br	--	--	--	--	--	--	2.0	--
DYNA-GRO	39M53	5.3	W	Bf	--	R	--	--	--	--	3.0	--
DYNA-GRO	39N35	3.5	P	lb	--	--	--	--	--	Rps1k	4.0	--
DYNA-GRO	DG 3362NRR	3.6	P	Bl	--	R	--	R	PI88788	Rps1k	2.0	--
DYNA-GRO	DG 3390NRR	3.9	W	Br	--	R	--	R	PI88788	Rps1c	3.0	--
DYNA-GRO	DG 3443NRR	4.3	P	Bl	--	R	--	R	PI88788	Rps1a	4.0	--
DYNA-GRO	DG 3468NRR	4.6	W	Bl	--	R	--	R	--	--	3.0	--
FONTANELLE	9488NRS	3.8	W	Bf	R	R	--	R	PI88788	Rps1k	--	STS
FONTANELLE	9633NRR	3.3	P	lb	R	R	--	R	PI88788	Rps1c	--	--
FONTANELLE	9652NRR	3.5	P	Bl	R	R	--	R	PI88788	Rps1c	--	--
FONTANELLE	9680NRR	3.8	P	lb	R	R	--	R	PI88788	Rps1k	--	--
HAMON	AG4006N	4.0	P	Bl	--	--	--	--	PI88788	--	1.9	--
KANSAS AES	K4602RR	4.6	P	Bl	R	R	S	S	PI209332	--	--	--
KANSAS AES	K5502RR	5.2	P	lB	R	R	R	R	PI437654	--	--	--
KANSAS AES	KS3406RR	3.3	P	Br	--	S	--	--	--	--	--	--
KANSAS AES	KS4404RR	4.4	P	Br	S	S	S	S	--	--	--	--
KANSAS AES	KS4704RR	4.7	W	Br	S	S	S	S	--	--	--	--
KANSAS AES	KS5004N	5.0	W	lb	R	R	--	--	PEKING	--	--	--

Table 16. Description of Entries in 2006 Soybean Performance Tests - continued.

BRAND	NAME	*Maturity Group	Flower color	Hilum color	SCN Resistance					Phytophthora		STS
					R1	R3	R4	R14	Source	RA	Tolerance	
KANSAS AES	KS5306NRR	5.2	W	Bl	R	R	R	--	PI437654	--	--	--
KRUGER	K-315RR/SCN	3.1	P	lb	--	R	--	--	PI88788	Rps1c	--	--
KRUGER	K-328RR	3.2	P	Bl	--	--	--	--	--	Rps1c	--	--
KRUGER	K-333RR/SCN	3.3	W	Bl	--	R	--	--	PI88788	Rps1k	--	--
KRUGER	K-341RR/SCN	3.4	P	lb	--	R	--	--	PI88788	Rps1k	--	--
KRUGER	K-342RR/SCN	3.4	W	Bl	--	R	--	--	PI88788	Rps1k	--	--
KRUGER	K-355RR/SCN	3.5	W	Bl	--	R	--	--	PI88788	Rps1k	--	--
KRUGER	K-363RR/SCN	3.6	P	Bl	--	R	--	--	PI88788	--	--	--
KRUGER	K-366RR/SCN	3.8	P	lb	--	R	--	--	PI88788	--	--	--
KRUGER	K-389RR/SCN	3.8	W	Bf	--	R	--	--	PI88788	Rps1c	--	STS
KRUGER	K-399RR/SCN	3.9	P	lb	--	MR	--	--	PI88788	--	--	--
KRUGER	K-410RR/SCN	4.0	P	Bl	--	R	--	--	PI88788	--	--	STS
KRUGER	K-433RR/SCN	4.3	P	Br	--	R	--	--	PI88788	--	--	--
KRUGER	K-456RR/SCN	4.5	W	Bl	--	R	--	--	PI88788	--	--	--
KRUGER	K-476RR/SCN	4.7	P	lb	--	R	--	--	PI88788	--	--	STS
KSOY	KS4602N	4.7	P	Bl	R	R	S	S	PI209332	S	--	--
KSOY	KS5502N	5.2	P	lb	R	R	R	R	PI437654	S	--	--
LEWIS	3827	3.8	P	lb	--	--	--	--	--	--	3.0	--
LEWIS	3853	3.8	W	Bf	MR	R	MR	MR	PI88788	Rps1c	2.0	STS
LEWIS	3907	3.9	P	lb	MR	R	MR	MR	PI88788	Rps1c	2.0	--
LEWIS	4207	4.2	W	Bl	MR	R	MR	MR	PI88788	--	4.0	--
LG SEEDS	C3500RR	3.5	P	Bl	S	S	S	S	--	Rps1K	2.0	--
LG SEEDS	C3888NRR	3.8	P	lb	--	R	--	R	PI88788	--	3.0	--
MARYLAND AES	MANOKIN	5.0	W	Bl	R	R	--	S	PEKING	S	--	--
MIDLAND	MG 3517NRR	3.5	--	--	--	R	--	--	PI88788	--	3.4	--
MIDLAND	MG 3806RR	3.8	--	--	--	--	--	--	--	--	4.0	--
MIDLAND	MG 3827NRR	3.8	--	--	--	--	--	--	PI88788	--	4.0	--
MIDLAND	MG 4087NRR	4.0	--	--	--	R	--	--	PI88788	--	3.6	--
MIDLAND	MG 4157NRS	4.1	--	--	--	R	--	--	PI88788	--	3.8	STS
MIDLAND	MG 4367NRR	4.3	--	--	--	R	--	--	PI88788	--	3.6	--
MIDLAND	MG 4477NRR	4.4	--	--	--	MR	--	--	PI88788	--	4.0	--
MIDLAND	MG 4506NRR	4.5	--	--	--	R	--	MR	PI88788	--	4.0	STS
MIDLAND	MG 4806NRS	4.8	--	--	--	R	--	MR	PI88788	Rpa1a	3.6	STS
MIDLAND	MG 5197NRS	5.1	--	--	--	R	--	--	PI88788	--	3.0	STS
MIDLAND	MG 9A373NRR	3.7	--	--	MR	MR	--	--	PI88788	Rps1c	3.4	--
MIDLAND	MG 9A385NRS	3.8	W	Bf	--	R	--	--	PI88788	Rps1c	3.8	STS
MIDLAND	MG 9A432NRS	4.3	P	lb	S	R	S	MR	PI88788	--	3.6	STS
MIDLAND	MG 9A442NRR	4.4	P	Bl	S	MR	S	MR	PI88788	Rps1a	4.0	--
MIDLAND	MG 9A494XRR	4.9	P	--	R	R	--	R	PuSCN-14	--	1.6	--
MIDLAND	MG 9A545NRS	5.4	P	Bf	--	R	--	MR	PI88788	Rps1c	5.0	STS
MIDLAND	MG 9B395NRR	3.9	W	Br	--	R	--	--	PI88788	Rps1a	4.0	--
MIDLAND-PHILLIPS	346NRR	3.4	P	lb	--	R	--	--	--	--	1.6	--
MIDLAND-PHILLIPS	347NRR	3.4	P	B	--	R	--	MR	--	Rps1c	1.6	--

Table 16. Description of Entries in 2006 Soybean Performance Tests - continued.

BRAND	NAME	*Maturity Group	Flower color	Hilum color	SCN Resistance					Phytophthora		STS
					R1	R3	R4	R14	Source	RA	Tolerance	
MIDLAND-PHILLIPS	354RS	3.5	P	lb	--	--	--	--	--	Rps1c	1.8	STS
MIDLAND-PHILLIPS	366NRS	3.6	P	lb	--	MR	--	--	--	--	1.5	STS
MIDLAND-PHILLIPS	376NRR	3.7	P	B	--	--	--	--	--	--	1.9	--
MIDLAND-PHILLIPS	377NRR	3.7	P	lb	--	R	--	MR	--	--	1.9	--
MIDLAND-PHILLIPS	385NRS	3.8	W	Bf	--	--	--	--	--	Rps1c	1.7	STS
MIDWEST SEED	GR3832	3.8	W	Bf	--	R	--	R	PI88788	1C	3.0	--
MIDWEST SEED	GR3933	3.9	P	Bl	--	--	--	--	--	--	2.0	--
MIDWEST SEED	GR4455	4.4	P	Br	--	R	--	R	PI88788	--	3.0	--
MIDWEST SEED	GR4752	4.4	W	Bl	--	R	--	R	PI88788	--	3.0	--
MIDWEST SEED	GR4831	4.8	P	Bl	--	R	--	--	PI88788	1A	2.0	--
MIDWEST SEED	GR5531	5.5	W	Bf	--	R	--	R	PI88788	--	3.0	--
MORSOY	RT 3996N	3.9	P	Bl	--	R	--	--	PI88788	--	4.0	--
MORSOY	RT 4485N	4.4	P	Br	--	R	--	MR	PI88788	--	4.0	--
MORSOY	RT 4731N	4.7	W	Bl	--	R	--	MR	PI88788	--	4.0	--
MORSOY	RT 5154N	5.1	P	Bl	--	R	--	MR	PI88788	--	3.0	--
MORSOY	RTS 4824	4.8	P	Bl	--	--	--	--	--	Rps1a	3.0	STS
MORSOY	RTS 4955N	5.0	P	lb	--	R	--	MR	PI88788	--	4.0	STS
MORSOY	RTS 5166N	5.1	W	Bf	--	MR	--	MR	PI88788	Rps1c	3.0	STS
M-PRIDE	MPV3805NRR	3.8	W	Bf	--	R	--	--	--	--	2.0	STS
M-PRIDE	MPV4807NRR	4.8	P	Br	--	R	--	--	--	--	3.5	--
M-PRIDE	MPV4905NRR	4.9	P	Bl	--	R	--	--	PI88788	--	2.1	--
M-PRIDE	MPV5407NRR	5.4	W	Bl	--	R	--	R	--	--	2.5	--
M-PRIDE	MPV5505NRR	5.5	W	Bf	--	MR	--	--	--	--	2.5	STS
NC+	3A79RR	3.7	P	BL	--	--	--	--	--	--	3.0	--
NC+	3A85RS	3.8	W	BF	--	R	--	R	PI88788	1C	3.0	--
NC+	4A14RR	4.1	P	BL	--	R	--	R	PI88788	1C	3.0	--
NC+	4A42RR	4.2	P	BR	--	R	--	R	PI88788	--	3.0	--
NC+	4A65RS	4.4	W	BL	--	R	--	--	PI88788	1A	3.0	--
NC+	5A15RR	4.6	W	BF	--	R	--	R	PI88788	1C	3.0	--
NK	S30-D4	3.0	W	Bl	-	-	-	-	--	Rps1a	4.0	--
NK	S32-E2	3.2	W	Br	--	R	--	MR	--	Rps1a	4.0	--
NK	S32-G5	3.2	P	lb	S	S	S	S	--	Rps1c	3.0	--
NK	S33-A8	3.3	W	Bl	--	R	--	MR	--	--	4.0	--
NK	S35-F9	3.5	W	Bl	-	R	-	MR	--	Rps1c	4.0	--
NK	S36-C7	3.6	P	Br	-	R	-	-	--	Rps1c	3.0	--
NK	S37-N4	3.7	W	Bl	-	R	-	MR	--	Rps1c	3.0	--
NK	S39-K6	3.9	P	Bl	-	R	-	MR	--	-	3.0	--
NK	S39-Q4	3.9	P	Br	S	S	S	S	--	Rps1c	4.0	--
NK	S41-M5	4.1	P	lb	-	-	-	-	--	-	5.0	STS
NK	S42-P7	4.2	W	Bl	-	R	-	MR	--	-	3.0	--
NK	S43-B1	4.3	P	Br	-	R	-	MR	--	Rps1c	3.0	--
NK	S49-Q9	4.9	P	lb	MR	R	-	MR	--	Rps1c	3.0	--
NK	S52-U3	5.2	W	Bf	-	R	-	R	--	Rps1c	3.0	--

Table 16. Description of Entries in 2006 Soybean Performance Tests - continued.

BRAND	NAME	*Maturity Group	Flower color	Hilum color	SCN Resistance					Phytophthora		STS
					R1	R3	R4	R14	Source	RA	Tolerance	
NK	S57-P1	5.3	P	lb	R	R	-	MR	--	-	4.0	STS
OHLDE	O-3334NRR	3.3	P	lb	S	MR	S	S	PI88788	Rps1k	1.8	--
OHLDE	O-3532	3.5	--	--	--	--	--	--	--	--	--	--
OHLDE	O-3707	3.7	--	--	--	--	--	--	--	--	--	--
OHLDE	O-3712NRR	3.7	P	Bl	S	MR	S	S	PI88788	--	1.4	--
OHLDE	O-3727NRS	3.7	W	lb	S	MR	MR	MR	PI88788	Rps1c	2.0	STS
OHLDE	O-3808	3.8	--	--	--	--	--	--	--	--	--	--
OHLDE	O-4292	4.2	P	Bl	S	R	S	MR	PI88788	--	1.7	STS
OHLDE	O-4595	4.5	P	Br	S	R	S	MR	PI88788	--	2.0	--
PHILLIPS	346NRR	3.4	P	lb	--	R	--	--	--	--	1.6	--
PHILLIPS	366NRS	3.6	P	lb	--	MR	--	--	--	--	1.5	--
PHILLIPS	376NRR	3.7	P	B	--	--	--	--	--	--	1.9	--
PHILLIPS	377NRR	3.7	P	lb	--	MR	--	--	--	--	1.5	--
PHILLIPS	385NRS	3.8	W	Bf	--	--	--	--	--	Rcl.7	1.7	--
PHILLIPS	415NRR	4.1	P	lb	--	MR	--	--	--	--	1.5	--
PHILLIPS	432NRS	4.3	P	lb	--	R	--	MR	--	--	1.8	--
PHILLIPS	436NRS	4.3	W	B	--	R	--	--	--	--	1.7	--
PHILLIPS	465NRR	4.6	P	Bl	--	--	--	--	--	--	1.8	--
PHILLIPS	486NRS	4.8	P	B	--	MR	--	MS	--	Rps1a	1.8	--
PIONEER BRAND	93B85	3.8	P	Bl	S	R	-	MR	PI88788	--	3.0	--
PIONEER BRAND	93M11	3.1	P	Bl	S	S	-	S	--	Rps1k	5.0	--
PIONEER BRAND	93M13	3.1	W	Bl	S	R	-	S	PI88788	Rps1k	--	--
PIONEER BRAND	93M43	3.4	W	Bl	S	S	-	S	--	Rps1k	--	--
PIONEER BRAND	93M81	3.8	W	Bl	S	S	-	S	--	Rps1k	--	--
PIONEER BRAND	93M82	3.8	P	Bl	S	R	-	R	PI88788	Rps1k	--	--
PIONEER BRAND	93M92	3.9	W	Bl	S	S	-	S	--	Rps1k	5.0	--
PIONEER BRAND	93M95	3.9	W	Bl	S	R	-	R	PI88788	Rps1k	--	--
PIONEER BRAND	93M96	3.9	W	Br	S	R	-	R	PI88788	Rps1k	--	--
PIONEER BRAND	94B73	4.7	P	Bl	S	S	-	S	--	Rps1k	6.0	--
PIONEER BRAND	94M30	4.3	W	Bl	S	R	-	-	PI88788	Rps1k	--	--
PIONEER BRAND	94M80	4.8	W	Bl	S	R	-	MR	PI88788	--	--	--
PIONEER BRAND	95M30	5.3	W	Bl	S	R	-	MR	PI88788	--	5.0	--
PIONEER BRAND	95M50	5.5	P	lb	S	R	-	S	PI88788	--	2.0	STS
PIONEER BRAND	95M60	5.6	W	Bl	R	R	-	R	I437654	--	--	--
PRAIRIE BRAND	PB-3894NRRSTS	3.8	W	Bf	S	R	S	S	PI88788	Rps1c	4.0	STS
PRAIRIE BRAND	PB-3905RR	3.9	P	Bl	S	S	S	S	--	--	5.0	--
PRAIRIE BRAND	PB-4036NRRSTS	4.0	P	Bl	S	R	MR	MR	PI88788	--	5.0	STS
PRAIRIE BRAND	PB-4256NRR	4.2	P	lb	S	R	MR	MR	PI88788	Rps1c	5.0	--
RENZE	R3726RR	3.7	P	Bl	S	MR	MR	MR	PI88788	--	3.0	--
RENZE	R3797RRcn	3.7	P	lb	S	R	MR	MR	PI88788	--	3.0	--
RENZE	R3835SRcn	3.8	W	Bf	S	R	MR	MR	PI88788	Rps1c	3.0	STS
RENZE	R4137SRcn	4.1	P	Bl	S	R	MR	MR	PI88788	--	3.0	STS
RENZE	R4486RRcn	4.4	P	Br	S	R	MR	MR	PI88788	--	4.0	--

Table 16. Description of Entries in 2006 Soybean Performance Tests - continued.

BRAND	NAME	*Maturity Group	Flower color	Hilum color	SCN Resistance					Phytophthora		STS
					R1	R3	R4	R14	Source	RA	Tolerance	
RENZE	R4695RRcn	4.6	P	Bl	S	R	MR	MR	PI88788	--	3.0	--
RENZE	R4836SRcn	4.8	P	Bl	S	R	MR	MR	PI88788	Rps1a	3.0	STS
STINE	3232-4	3.4	W	Bl	S	R	R	--	PI88788	--	2.0	--
STINE	3532-4	3.5	W	Bl	--	R	R	--	PI88788	Rps1k	2.0	--
STINE	3600-4	3.8	P	Bl	--	--	--	--	--	Rps1a	2.0	--
STINE	3602-4	3.8	P	lb	--	R	R	--	PI88788	--	2.0	--
STINE	3832-4	3.8	P	Bl	--	R	R	--	PI88788	Rps1k	2.0	--
STINE	4102-4	4.2	P	Bl	--	R	R	--	PI88788	--	2.0	STS
STINE	4302-4	4.3	P	Br	--	R	R	--	PI88788	--	2.0	--
STINE	4402-4	4.4	P	Bl	--	R	R	--	PI88788	--	2.0	--
STINE	4782-4	4.7	M	Bl	--	R	R	--	PI88788	--	2.0	--
TAYLOR	353RR	3.6	--	--	S	S	S	S	--	Rps1a	2.5	--
TAYLOR	398RRS	3.9	--	--	S	MR	S	MR	PI88788	Rps1c	2.0	STS
TAYLOR	427RRS	4.2	--	--	S	MR	S	MR	PI88788	Rps1a	2.0	STS
TAYLOR	445RR	4.4	--	--	S	MR	S	MR	PI88788	Rps1a	2.0	--
TAYLOR	EXP3760-4RR	3.7	--	--	S	MR	S	MR	PI88788	Rps1a	2.0	--
TAYLOR	EXP4540-4RR	4.5	--	--	S	MR	S	MR	PI88788	Rps1a	2.0	--
VIRGINIA AES	HUTCHESON	5.2	W	Bf	S	S	S	S	--	S	--	--
WILLCROSS	RR2385NSTS	3.8	W	Bf	--	R	--	R	PI88788	Rps1c	3.0	STS
WILLCROSS	RR2386	3.8	P	Bl	--	--	--	--	--	--	2.0	--
WILLCROSS	RR2392N	3.7	W	Bf	--	R	--	MR	PI88788	Rps1c	3.0	--
WILLCROSS	RR2432N	4.3	P	Bl	--	R	--	R	PI88788	Rps1a	4.0	--
WILLCROSS	RR2446N	4.4	P	Br	--	R	--	R	PI88788	NG	3.0	--
WILLCROSS	RR2478N	4.6	W	Bl	--	R	--	R	PI88788	Rps1a	--	--
WILLCROSS	RR2494N	4.9	P	Bl	--	R	--	R	PI88788	N	3.0	--
WILLCROSS	RR2544NSTS	5.4	W	Bf	--	R	--	R	PI88788	NG	4.0	STS

*Relative Maturity Group

Flower color: P=purple, W=white, M=mixed

Hilum color: BL=black, IB=imperfect black, BR=brown, BF=buff, G=grey, Y=yellow, M=mixed

SCN Resistance: R1, R3, R4, and R14 = Race 1, 3, 4, and 14, respectively, S=susceptible, R=resistant, MR=moderately resistant

Phytophthora Root Rot: RA=race resistance (major genes), H=heterogeneous; Tolerance=field tolerance score, 1=excellent to 9=poor

STS=sulfonylurea herbicide tolerant

All information supplied by entrant.

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The URL is <http://kscroptests.agron.ksu.edu>.

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