

2007

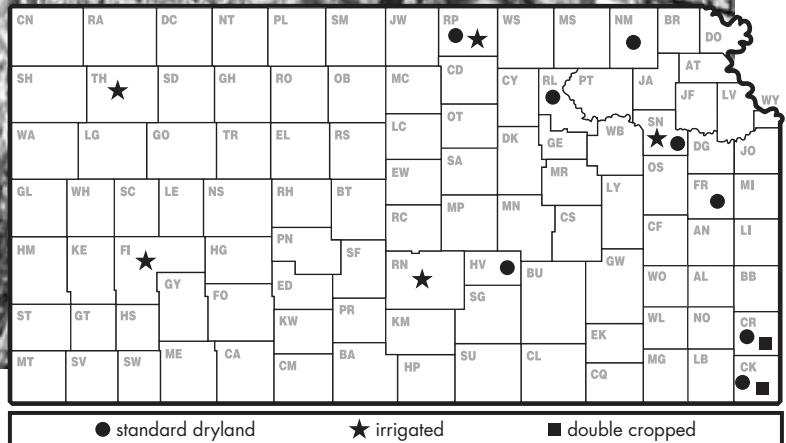
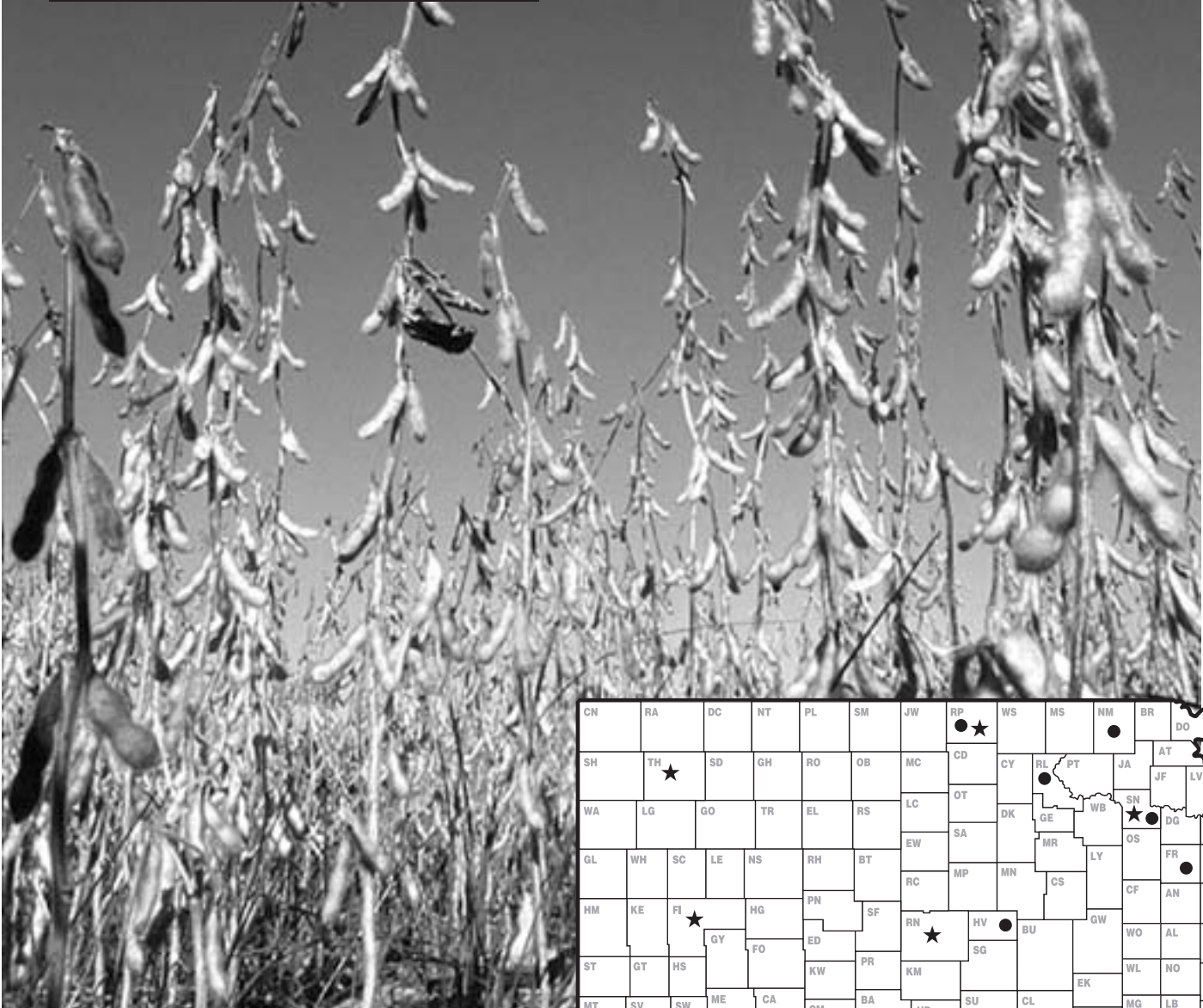
Kansas Performance Tests with

Soybean Varieties

Report of Progress 987



Kansas State University
Agricultural Experiment Station
and Cooperative Extension Service



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2007 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 factors such 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 trials 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 7 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 17. Relative yields of each entry from all locations are shown in Table 18. Test results 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 factors such as weather, management practices, and variety adaptation. When selecting varieties or brands, producers should carefully analyze variety performance for two or more years across locations. Performance averaged over several environments will provide a better estimate of genetic potential and stability than will performance based on a few environments.

Small differences in yield between any two varieties or brands usually are not important. Within maturity groups at each location, a 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 2007 Kansas Soybean Performance Tests.

<p>Kansas AES Manhattan KS 785-532-7242</p> <p>Advanced Genetics DeLange Seed Inc. Girard KS 620-724-6223 delangeseed.com</p> <p>Asgrow/DeKalb Monsanto Seed St. Louis MO 314-694-1000 monsanto.com</p> <p>CroPlan Genetics CroPlan Genetics St. Paul MN 800-851-8810 croplangenetics.com</p> <p>Drussel Seed Drussel Seed, Inc. Garden City KS 620-275-2359</p> <p>Dyna-Gro Dyna-Gro Seed Goodard KS 800-950-2231 uap.com</p> <p>Fontanelle Fontanelle Hybrids Fontanelle NE 800-279-4353 fontanelle.com</p> <p>Hamon Hamon Seed Farms, Inc. Valley Falls KS 785-945-3584</p> <p>Kruger Kruger Seed Co. Dike IA 800-772-2721 krugerseed.com</p>	<p>Lewis Lewis Hybrids, Inc. Ursa IL 800-252-7851 lewishybrids.com</p> <p>Midland Midland Genetics Group Ottawa KS 785-242-3598 info@midlandgenetics.com</p> <p>Midland-Phillips Phillips Seed Farms Hope KS 800-643-4340 phillipsseed.com</p> <p>Midwest Seed Midwest Seed Genetics Carroll IA 800-369-8218 www.midwestseed.com</p> <p>Midwest Seed/NC+ Channel Bio Corp. Huxley IA 515-597-5903 www.midwestseed.com</p> <p>Morsoy MFA Incorporated Columbia MO 573-876-5363 morsoy.com</p> <p>M-Pride Midwest Premium Genetics Concordia MO 660-463-7333</p> <p>NC+ NC+ Hybrids Lincoln NE 800-365-9804 www.nc-plus.com</p>	<p>NK NK Brand Seeds Lincoln NE 402-420-6664 nk-us.com</p> <p>NK NK Brand Seeds, Inc. Lincoln NE 402-420-6664 nk-us.com</p> <p>NuTech/AgSource NuTech Seed Leland IA 641-567-3750</p> <p>Ohlde Ohlde Seed Farms, Inc. Palmer KS 785-692-4555</p> <p>Phillips Phillips Seed Farms Hope KS 800-643-4340 phillipsseed.com</p> <p>Pioneer Brand Pioneer Hi-Bred, Intl., Inc. Lincoln NE 402-467-5458 pioneer.com</p> <p>Prairie Brand Prairie Brand Seed Co. Story City IA 800-544-8751 prairiebrand.com</p> <p>Renze Renze Hybrids Carroll IA 800-634-2676 renzehybrids.com</p> <p>Taylor Taylor Seed Farms, Inc. White Cloud KS 800-742-7473 taylorseedfarms.com</p>	<p>Willcross NeCo Seed Farms, Inc. Garden City MO 816-862-8203 willcross.com</p> <p>Willcross Willcross Seeds King City MO 660-525-4444</p>
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Keith Flentie Farm, Centralia, Nemaha County; Bill Schapaugh, agronomist, 785-532-7242

Wymore silt loam, pH --, --% OM; P test: --, K test: M
 0-0-0 lbs N-P-K fertilizer
 Excellent early season growing conditions were followed by periods of moderate drought stress during late vegetative and early reproductive growth. Growing conditions improved from mid-August through grain-fill.

April May June July Aug. Sept. Total

Rainfall: 2.8 9.1 4.3 1.5 9.5 3.5 30.7

Planted 5/14/2007 at 9 seeds/ft; harvested 10/10/2007; 11 ft. by 2-row plot; pesticides: 2 applications of Roundup Ultra®

Table 2. Centralia, Nemaha Co. Roundup®-resistant Soybean Performance Test, 2005-2007.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2007		
		2007	2006	2005	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
ASGROW	AG3402	53.2	--	--	--	--	98	--	--	9/23	1.0	30
ASGROW	AG3504	57.3	--	--	--	--	106	--	--	9/21	1.0	29
ASGROW	AG3602	53.2	33.2	56.1	43.2	47.5	98	100	96	9/20	1.0	27
ASGROW	AG3705	54.9	36.3	--	45.6	--	101	109	--	9/21	1.0	29
ASGROW	AG3803	58.8	--	--	--	--	108	--	--	9/21	1.0	27
ASGROW	AG3905	54.7	36.7	55.8	45.7	49.1	101	110	96	9/19	1.0	25
ASGROW	AG4403	54.2	--	56.7	--	--	100	--	97	9/24	1.0	26
CROPLAN GENETICS	RC3624	57.2	--	--	--	--	105	--	--	9/24	1.0	30
CROPLAN GENETICS	RC3864	59.3	34.0	--	46.7	--	109	102	--	9/21	1.0	28
CROPLAN GENETICS	RC4104	52.2	--	--	--	--	96	--	--	9/26	1.0	30
CROPLAN GENETICS	RT3836	54.6	--	--	--	--	101	--	--	9/23	1.0	29
DYNA-GRO	31Y38	54.5	31.7	--	43.1	--	100	95	--	9/26	1.0	32
DYNA-GRO	35G38	53.1	32.1	--	42.6	--	98	96	--	9/24	1.0	29
DYNA-GRO	37J34	48.4	--	--	--	--	89	--	--	9/23	1.0	22
DYNA-GRO	SXO6136	54.3	--	--	--	--	100	--	--	9/21	1.0	25
FONTANELLE	9488NRS	54.9	35.3	--	45.1	--	101	106	--	9/22	1.0	31
FONTANELLE	9633NRR	52.0	31.1	--	41.6	--	96	93	--	9/21	1.0	28
FONTANELLE	9680NRR	51.9	31.9	--	41.9	--	96	96	--	9/23	1.0	30
KANSAS AES	KS3406RR	51.1	33.9	54.9	42.5	46.6	94	102	94	9/25	1.3	26
KANSAS AES	KS4404RR	53.9	34.8	57.4	44.4	48.7	99	105	99	9/17	1.0	27
KRUGER	K-333RR/SCN	51.2	32.2	57.5	41.7	47.0	94	97	99	9/23	1.3	29
KRUGER	K-340RR/SCN	53.8	--	--	--	--	99	--	--	9/21	1.0	30
KRUGER	K-341RR/SCN	48.8	31.4	56.4	40.1	45.5	90	94	97	9/21	1.0	29
KRUGER	K-348RR/SCN	51.8	--	--	--	--	95	--	--	9/26	1.0	33
KRUGER	K-363RR/SCN	53.9	34.1	--	44.0	--	99	102	--	9/20	1.0	25
KRUGER	K-382RR/SCN	53.2	--	--	--	--	98	--	--	9/23	1.0	28
KRUGER	K-384RR/SCN	56.1	--	--	--	--	103	--	--	9/26	1.0	28
KRUGER	K-389RR/SCN	55.6	35.1	66.6	45.4	52.4	102	105	114	9/24	1.0	31
KRUGER	K-410RR/SCN	53.3	31.2	--	42.3	--	98	94	--	9/26	1.3	32
KRUGER	K-433RR/SCN	57.0	36.0	61.1	46.5	51.4	105	108	105	9/24	1.3	31
KRUGER	KY3717RN	52.1	--	--	--	--	96	--	--	9/22	1.0	28
LEWIS	3853	57.1	34.6	63.1	45.9	51.6	105	104	108	9/23	1.0	30
LEWIS	3907	56.7	33.7	--	45.2	--	104	101	--	9/23	1.0	31
LEWIS	3908	51.4	--	--	--	--	95	--	--	9/20	1.0	28
LEWIS	3968	54.0	--	--	--	--	99	--	--	9/22	1.0	26
LEWIS	4207	57.0	34.3	--	45.7	--	105	103	--	9/22	1.0	31
MIDLAND	MG 3618NRR	55.8	--	--	--	--	103	--	--	9/20	1.0	28
MIDLAND	MG 3628NRR	55.5	--	--	--	--	102	--	--	9/20	1.0	28
MIDLAND	MG 3738NRR	58.2	--	--	--	--	107	--	--	9/28	1.0	28
MIDLAND	MG 3948NRR	53.1	--	--	--	--	98	--	--	9/22	1.0	30
MIDLAND	MG 3958NRS	54.2	--	--	--	--	100	--	--	9/21	1.0	27
MIDLAND	MG 4157NRS	54.4	--	--	--	--	100	--	--	9/25	1.0	32
MIDLAND	MG 9A385NRS	55.8	36.6	65.0	46.2	52.5	103	110	112	9/24	1.3	29
MIDLAND	MG 9B395NRR	54.7	36.7	57.6	45.7	49.7	101	110	99	9/18	1.0	24
MIDWEST SEED	GR3631	49.0	--	--	--	--	90	--	--	9/26	1.0	31
NC+	3A85RS	56.1	--	--	--	--	103	--	--	9/22	1.3	30
NK	S36-B6	56.4	--	--	--	--	104	--	--	9/26	1.0	32
NK	S37-F7	53.0	--	--	--	--	98	--	--	9/26	1.0	32
NK	S37-P5	52.4	--	--	--	--	97	--	--	9/21	1.0	31
NK	S38-D5	51.0	--	--	--	--	94	--	--	9/22	1.0	29
NK	S39-A3	57.0	--	--	--	--	105	--	--	9/16	1.0	26
NuTech/AgSource	NT-3888RRSCN	51.2	--	--	--	--	94	--	--	9/22	1.0	27
NuTech/AgSource	NT-3909RR/SCN	57.3	37.6	64.2	47.5	53.0	106	113	110	9/26	1.5	32
NuTech/AgSource	NT-4041RR/SCN	53.1	--	--	--	--	98	--	--	9/26	1.3	29

Table 2. Centralia, Nemaha Co. Roundup®-resistant Soybean Performance Test, 2005-2007 - continued.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2007		
		2007	2006	2005	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
NuTech/AgSource	NT-4444+RR/SCN	58.0	--	--	--	--	107	--	--	9/24	1.0	30
NuTech/AgSource	NT-7366	50.2	--	--	--	--	92	--	--	9/22	1.0	30
NuTech/AgSource	NT-7368	51.4	--	--	--	--	95	--	--	9/26	1.3	33
NuTech/AgSource	NT-7399	52.6	--	--	--	--	97	--	--	9/20	1.0	25
NuTech/AgSource	NT-7406	57.1	34.2	--	45.7	--	105	103	--	9/21	1.0	26
NuTech/AgSource	NT-7417	53.8	--	--	--	--	99	--	--	9/21	1.0	29
NuTech/AgSource	NT-7443	58.9	--	--	--	--	108	--	--	9/25	1.0	31
OHLDE	O-3334NRR	57.7	36.0	61.6	46.9	51.8	106	108	106	9/23	1.0	30
OHLDE	O-3532	51.3	33.7	--	42.5	--	94	101	--	9/28	1.0	32
OHLDE	O-3595	54.1	--	--	--	--	100	--	--	9/21	1.0	29
OHLDE	O-3727NRS	54.8	37.6	64.0	46.2	52.1	101	113	110	9/25	1.0	32
OHLDE	X-3696	53.8	--	--	--	--	99	--	--	9/18	1.0	29
OHLDE	X-3927	53.7	--	--	--	--	99	--	--	9/28	1.3	34
PRAIRIE BRAND	PB-3637NRR	52.6	--	--	--	--	97	--	--	9/19	1.0	24
PRAIRIE BRAND	PB-3796NRR	52.2	--	--	--	--	96	--	--	9/21	1.0	28
PRAIRIE BRAND	PB-3894NRRSTS	56.2	37.2	65.8	46.7	53.1	104	112	113	9/25	1.0	32
PRAIRIE BRAND	PB-4157NRRSTS	54.5	--	--	--	--	100	--	--	9/25	1.3	35
RENZE	R3835SRcn	57.1	35.2	64.9	46.2	52.4	105	106	111	9/20	1.0	30
RENZE	R4038SRcn	58.2	--	--	--	--	107	--	--	9/25	1.3	32
RENZE	R4638SRcn	53.0	--	--	--	--	98	--	--	9/22	1.0	28
TAYLOR	387RR	52.7	--	60.0	--	--	97	--	103	9/22	1.3	29
TAYLOR	398RRS	58.6	37.1	63.1	47.9	52.9	108	111	108	9/20	1.0	28
TAYLOR	EXP3770RR	53.4	--	--	--	--	98	--	--	9/22	1.0	30
WILLCROSS	RR2367RN	52.8	--	--	--	--	97	--	--	9/23	1.0	29
WILLCROSS	RR2378N	56.9	--	--	--	--	105	--	--	9/21	1.0	26
WILLCROSS	RR2385NSTS	56.4	--	59.9	--	--	104	--	103	9/20	1.0	29
WILLCROSS	RR2386	54.5	30.4	61.7	42.5	48.9	100	91	106	9/21	1.3	29
	AVERAGES	54.3	33.3	58.3								
	CV (%)	5.8	5.7	4.1								
	LSD (0.10)	3.7	2.2	2.8								

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 --, --% OM; P test: --, K test: --

11-40-0 lbs N-P-K fertilizer

April May June July Aug. Sept. Total

Rainfall: 3.2 10.3 4.4 2.0 2.8 1.4 24.0

Planted 5/25/2007 at 8 seeds/ft; harvested 10/10/2007; 27.5 ft. by 2-row plot; pesticides: 1 application of Roundup WeatherMax® + FirstRate postemergence

Table 3. Topeka, Shawnee Co. Roundup®-resistant Soybean Performance Test, 2005-2007.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2007		
		2007	2006	2005	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
ADVANCED GENETICS	AG3833NRS	36.0	47.9	--	42.0	--	122	115	--	9/15	1.0	36
ADVANCED GENETICS	AG4150NRS	35.5	--	--	--	--	121	--	--	9/21	1.0	37
ADVANCED GENETICS	AG4222NRS	31.1	--	--	--	--	106	--	--	9/21	1.0	35
ASGROW	AG3705	30.0	40.2	--	35.1	--	102	97	--	9/16	1.0	37
ASGROW	AG3803	32.5	--	--	--	--	111	--	--	9/18	1.0	40
ASGROW	AG3905	26.5	34.3	47.6	30.4	36.1	90	83	93	9/20	1.0	39
ASGROW	AG4103	25.5	47.1	--	36.3	--	87	113	--	9/19	1.0	42
ASGROW	AG4405	28.9	--	--	--	--	98	--	--	9/24	1.0	40
ASGROW	AG4605	30.2	--	--	--	--	103	--	--	9/27	1.0	36
ASGROW	DKB46-51	28.9	52.3	--	40.6	--	98	126	--	9/25	1.0	41
CROPLAN GENETICS	RC3864	30.1	37.9	--	34.0	--	102	91	--	9/15	1.0	36
CROPLAN GENETICS	RC4104	27.3	--	--	--	--	93	--	--	9/20	1.0	40
CROPLAN GENETICS	RC4455	24.1	--	--	--	--	82	--	--	9/25	1.0	44
CROPLAN GENETICS	RT3836	26.6	--	--	--	--	90	--	--	9/17	1.0	32
DYNA-GRO	35G38	34.3	42.1	--	38.2	--	117	101	--	9/13	1.0	37
DYNA-GRO	SXO6136	22.4	--	--	--	--	76	--	--	9/15	1.0	36

Table 3. Topeka, Shawnee Co. Roundup®-resistant Soybean Performance Test, 2005-2007 - continued.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2007		
		2007	2006	2005	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
HAMON	H-3850N	21.7	--	--	--	--	74	--	--	9/16	1.0	43
KANSAS AES	KS3406RR	34.4	--	--	--	--	117	--	--	9/17	1.0	37
KANSAS AES	KS4404RR	28.6	48.7	50.1	38.7	42.5	97	117	98	9/25	1.0	37
KRUGER	K-363RR/SCN	28.1	37.7	--	32.9	--	96	91	--	9/12	1.0	36
KRUGER	K-382RR/SCN	30.8	--	--	--	--	105	--	--	9/15	1.0	36
KRUGER	K-384RR/SCN	25.9	--	--	--	--	88	--	--	9/17	1.0	41
KRUGER	K-389RR/SCN	36.6	47.5	57.4	42.1	47.2	124	114	112	9/16	1.0	36
KRUGER	K-410RR/SCN	18.5	41.1	--	29.8	--	63	99	--	9/20	1.0	41
KRUGER	K-433RR/SCN	26.6	46.4	54.4	36.5	42.5	90	112	106	9/27	1.0	43
KRUGER	K-476RR/SCN	32.0	53.4	--	42.7	--	109	129	--	10/1	1.0	35
KRUGER	K-478RR/SCN	20.8	--	--	--	--	71	--	--	9/22	1.0	42
KRUGER	KY3717RN	31.9	--	--	--	--	109	--	--	9/19	1.0	36
MIDLAND	MG 3618NRR	30.7	--	--	--	--	104	--	--	9/15	1.0	36
MIDLAND	MG 3628NRR	34.6	--	--	--	--	118	--	--	9/14	1.0	37
MIDLAND	MG 3738NRR	31.3	--	--	--	--	106	--	--	9/14	1.0	40
MIDLAND	MG 3948NRR	31.8	--	--	--	--	108	--	--	9/18	1.0	34
MIDLAND	MG 3958NRS	29.4	--	--	--	--	100	--	--	9/20	1.0	36
MIDLAND	MG 4157NRS	34.3	--	--	--	--	117	--	--	9/24	1.0	37
MIDLAND	MG 4477NRR	29.3	35.7	--	32.5	--	100	86	--	9/25	1.0	40
MIDLAND	MG 4506NRR	24.8	45.5	--	35.2	--	84	110	--	9/24	1.0	44
MIDLAND	MG 9A385NRS	29.1	41.9	51.3	35.5	40.8	99	101	100	9/15	1.0	35
MIDLAND	MG 9B395NRR	27.8	38.5	48.5	33.2	38.3	95	93	95	9/24	1.0	39
MIDWEST SEED	GR3832	31.2	--	--	--	--	106	--	--	9/16	1.0	36
MIDWEST SEED	GR3934	23.5	--	--	--	--	80	--	--	9/17	1.0	42
NC+	3A79RR	30.1	44.8	--	37.5	--	102	108	--	9/14	1.0	35
NC+	3A85RS	31.8	--	--	--	--	108	--	--	9/14	1.0	36
NK	S36-B6	33.7	--	--	--	--	115	--	--	9/14	1.0	38
NK	S37-F7	30.2	--	--	--	--	103	--	--	9/13	1.0	36
NK	S37-P5	32.1	--	--	--	--	109	--	--	9/13	1.0	37
NK	S38-D5	31.7	--	--	--	--	108	--	--	9/16	1.0	33
NK	S39-A3	27.6	--	--	--	--	94	--	--	9/15	1.0	38
NuTech/AgSource	NT-3777RR	32.9	--	--	--	--	112	--	--	9/14	1.0	37
NuTech/AgSource	NT-3888RRSCN	30.8	--	--	--	--	105	--	--	9/12	1.0	37
NuTech/AgSource	NT-3909RR/SCN	33.2	--	--	--	--	113	--	--	9/15	1.0	36
NuTech/AgSource	NT-4444+RR/SCN	28.2	--	--	--	--	96	--	--	9/27	1.0	43
NuTech/AgSource	NT-7366	24.5	--	--	--	--	83	--	--	9/16	1.0	35
NuTech/AgSource	NT-7368	34.2	--	--	--	--	116	--	--	9/14	1.0	37
NuTech/AgSource	NT-7399	29.8	--	--	--	--	101	--	--	9/16	1.0	36
NuTech/AgSource	NT-7406	30.4	--	--	--	--	103	--	--	9/21	1.0	38
NuTech/AgSource	NT-7417	28.8	--	--	--	--	98	--	--	9/19	1.0	36
OHLDE	O-3727NRS	33.4	--	--	--	--	114	--	--	9/14	1.0	34
OHLDE	O-4292	26.3	48.0	52.8	37.2	42.4	89	116	103	9/25	1.0	40
OHLDE	O-4595	26.7	48.7	52.4	37.7	42.6	91	117	102	9/26	1.0	43
OHLDE	X-3721	25.7	--	--	--	--	87	--	--	9/27	1.0	40
PHILLIPS	376NRR	31.1	--	52.2	--	--	106	--	102	9/15	1.0	35
PHILLIPS	385NRS	30.1	41.3	56.5	35.7	42.6	102	100	110	9/15	1.0	37
PHILLIPS	417 NRS	26.7	--	--	--	--	91	--	--	9/20	1.0	34
PHILLIPS	418 NRS	28.5	--	--	--	--	97	--	--	9/19	1.0	36
RENZE	R3797RRcn	30.8	50.7	--	40.8	--	105	122	--	9/14	1.0	37
RENZE	R3835SRcn	30.0	--	50.2	--	--	102	--	98	9/16	1.0	35
RENZE	R4038SRcn	34.1	--	--	--	--	116	--	--	9/22	1.0	37
RENZE	R4836SRcn	30.3	51.1	61.8	40.7	47.7	103	123	121	10/3	1.0	42
TAYLOR	353RR	31.4	42.1	--	36.8	--	107	101	--	9/14	1.0	36
TAYLOR	445RR	27.8	--	--	--	--	95	--	--	9/25	1.0	45
WILLCROSS	RR2386	32.8	43.7	--	38.3	--	112	105	--	9/16	1.0	36
WILLCROSS	RR2397N	25.9	--	--	--	--	88	--	--	9/24	1.0	42
WILLCROSS	RR2446N	27.7	49.7	55.7	38.7	44.4	94	120	109	9/27	1.0	43
WILLCROSS	RR2460NB	25.5	--	--	--	--	87	--	--	9/29	1.0	39
WILLCROSS	RR2460NS	28.4	--	--	--	--	97	--	--	9/29	1.0	42
WILLCROSS	RR2484N	26.0	--	33.9	--	--	88	--	66	9/27	1.0	42
	AVERAGES	29.4	41.5	51.1								

Table 3. Topeka, Shawnee Co. Roundup®-resistant Soybean Performance Test, 2005-2007 - continued.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2007		
		2007	2006	2005	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
	CV (%)	12.4	15.8	5.8								
	LSD (0.10)	4.9	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 --, --% OM; P test: --, K test: --
10-40-0 lbs N-P-K fertilizer

	April	May	June	July	Aug.	Sept.	Total
Rainfall:	3.2	10.3	4.4	2.0	2.8	1.4	24.0
Irrigation:			2.2	2.5		4.6	9.3

Planted 5/28/2007 at 8 seeds/ft; harvested 10/11/2007; 27.5 ft. by 2-row plot; pesticides: 1 qt. Boundary/a preemergence, 1 application of Roundup WeatherMax® + Flexstar postemergence

Table 4. Topeka, Shawnee Co. Irrigated Roundup®-resistant Soybean Performance Test, 2005-2007.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2007		
		2007	2006	2005	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
ADVANCED GENETICS	AG3833NRS	73.6	51.9	--	62.8	--	103	106	--	9/29	1.5	44
ADVANCED GENETICS	AG4150NRS	72.6	--	--	--	--	102	--	--	10/2	1.4	47
ADVANCED GENETICS	AG4222NRS	76.9	--	--	--	--	108	--	--	10/2	1.2	42
CROPLAN GENETICS	RC3864	79.1	53.4	--	66.3	--	111	109	--	9/28	1.9	45
CROPLAN GENETICS	RC4455	75.3	--	--	--	--	106	--	--	10/8	1.8	53
CROPLAN GENETICS	RT3836	61.9	--	--	--	--	87	--	--	9/29	1.6	40
DYNA-GRO	31Y38	74.0	49.0	--	61.5	--	104	100	--	9/30	1.3	44
DYNA-GRO	32X39	70.5	--	--	--	--	99	--	--	9/30	1.3	46
DYNA-GRO	33A40	69.5	--	--	--	--	98	--	--	9/30	1.0	48
DYNA-GRO	35F37	70.7	--	--	--	--	99	--	--	10/2	1.6	49
DYNA-GRO	35G38	74.9	48.8	--	61.9	--	105	100	--	9/30	1.0	44
DYNA-GRO	35Y36	66.0	--	--	--	--	93	--	--	9/27	1.1	46
DYNA-GRO	36C28	66.3	--	--	--	--	93	--	--	9/23	2.0	44
DYNA-GRO	37J34	75.3	--	--	--	--	106	--	--	9/26	2.3	45
DYNA-GRO	37K32	64.1	50.4	--	57.3	--	90	103	--	9/25	1.5	44
DYNA-GRO	37T26	62.3	--	--	--	--	88	--	--	9/16	2.1	44
DYNA-GRO	38C42	73.9	--	--	--	--	104	--	--	10/1	1.1	45
DYNA-GRO	DG 3362NRR	67.8	--	--	--	--	95	--	--	9/28	1.3	41
DYNA-GRO	SXO6136	65.0	--	--	--	--	91	--	--	9/28	1.6	46
FONTANELLE	9488NRS	72.7	46.1	--	59.4	--	102	94	--	10/1	1.2	43
FONTANELLE	9633NRR	72.8	46.6	--	59.7	--	102	95	--	9/24	1.0	41
FONTANELLE	9680NRR	73.2	49.7	--	61.5	--	103	101	--	9/30	1.2	45
HAMON	H-3850N	71.7	--	--	--	--	101	--	--	9/30	2.6	52
KANSAS AES	KS3406RR	62.7	--	47.8	--	--	88	--	85	9/27	1.9	44
KANSAS AES	KS4404RR	68.8	43.4	59.1	56.1	57.1	97	89	105	10/3	2.1	46
KRUGER	K-340RR/SCN	74.4	--	--	--	--	104	--	--	9/27	1.8	40
KRUGER	K-363RR/SCN	71.3	47.5	--	59.4	--	100	97	--	9/26	1.2	47
KRUGER	K-382RR/SCN	65.3	--	--	--	--	92	--	--	9/30	1.0	46
KRUGER	K-384RR/SCN	74.3	--	--	--	--	104	--	--	10/1	1.3	49
KRUGER	K-389RR/SCN	78.0	57.2	68.3	67.6	67.8	110	117	121	9/29	1.6	43
KRUGER	K-410RR/SCN	69.0	47.4	--	58.2	--	97	97	--	10/1	1.6	47
KRUGER	K-433RR/SCN	77.8	60.4	57.2	69.1	65.1	109	123	101	10/7	1.2	51
KRUGER	K-476RR/SCN	67.5	54.8	--	61.2	--	95	112	--	10/8	2.2	47
KRUGER	K-478RR/SCN	65.6	--	--	--	--	92	--	--	10/3	1.2	53
KRUGER	KY3717RN	69.9	--	--	--	--	98	--	--	9/27	1.7	46
MIDLAND	MG 3618NRR	69.6	--	--	--	--	98	--	--	9/29	1.8	45
MIDLAND	MG 3628NRR	66.6	--	--	--	--	94	--	--	9/28	1.1	47
MIDLAND	MG 3738NRR	74.1	--	--	--	--	104	--	--	9/29	1.4	47
MIDLAND	MG 3948NRR	81.0	--	--	--	--	114	--	--	9/30	1.0	44
MIDLAND	MG 3958NRS	64.1	--	--	--	--	90	--	--	9/30	1.9	44
MIDLAND	MG 4157NRS	70.9	--	--	--	--	100	--	--	10/3	1.7	46
MIDLAND	MG 4477NRR	75.1	52.7	--	63.9	--	105	108	--	10/4	1.8	47
MIDLAND	MG 4506NRR	69.8	--	--	--	--	98	--	--	10/5	2.1	55

Table 4. Topeka, Shawnee Co. Irrigated Roundup®-resistant Soybean Performance Test, 2005-2007 - continued.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2007		
		2007	2006	2005	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
MIDLAND	MG 9A385NRS	77.5	59.2	74.4	68.4	70.4	109	121	132	9/30	1.2	47
MIDLAND	MG 9B395NRR	64.8	--	--	--	--	91	--	--	10/3	1.7	50
MIDWEST SEED	GR3631	72.5	--	--	--	--	102	--	--	9/27	1.3	46
MIDWEST SEED	GR3832	79.5	57.9	--	68.7	--	112	118	--	9/30	1.3	42
MIDWEST SEED	GR3934	70.2	--	--	--	--	99	--	--	10/1	1.5	48
NC+	3A79RR	69.8	--	--	--	--	98	--	--	9/29	1.4	45
NC+	3A85RS	73.9	--	--	--	--	104	--	--	9/29	1.5	44
NK	S36-B6	60.1	--	--	--	--	84	--	--	9/25	1.8	45
NK	S37-F7	77.5	--	--	--	--	109	--	--	9/29	1.0	46
NK	S37-P5	74.0	--	--	--	--	104	--	--	9/28	1.4	43
NK	S38-D5	68.4	--	--	--	--	96	--	--	9/28	1.0	41
NK	S39-A3	72.1	--	--	--	--	101	--	--	9/29	1.9	47
NuTech/AgSource	NT-3888RRSCN	76.3	--	--	--	--	107	--	--	10/1	1.2	45
NuTech/AgSource	NT-3909RR/SCN	84.6	--	--	--	--	119	--	--	9/30	1.1	44
NuTech/AgSource	NT-4444+RR/SCN	79.1	--	--	--	--	111	--	--	10/7	1.0	51
NuTech/AgSource	NT-7366	72.3	--	--	--	--	102	--	--	9/26	1.8	42
NuTech/AgSource	NT-7399	60.9	--	--	--	--	86	--	--	9/30	2.0	47
NuTech/AgSource	NT-7406	79.4	--	--	--	--	112	--	--	10/1	1.5	47
NuTech/AgSource	NT-7438	70.9	--	--	--	--	100	--	--	10/2	1.5	44
NuTech/AgSource	NT-7443	70.4	--	--	--	--	99	--	--	10/6	1.0	52
OHLDE	O-3727NRS	76.3	55.9	63.0	66.1	65.1	107	114	111	9/30	1.4	44
OHLDE	X-3696	64.6	--	--	--	--	91	--	--	9/26	1.8	46
OHLDE	X-3927	61.3	--	--	--	--	86	--	--	9/30	2.3	54
PHILLIPS	376NRR	76.8	55.6	68.1	66.2	66.8	108	113	120	10/1	1.0	45
PHILLIPS	385NRS	80.5	50.2	63.4	65.4	64.7	113	102	112	10/1	1.6	44
PHILLIPS	417 NRS	79.1	--	--	--	--	111	--	--	10/2	1.3	42
PHILLIPS	418 NRS	77.2	--	--	--	--	108	--	--	9/30	1.9	45
PHILLIPS	432NRS	60.6	50.2	--	55.4	--	85	102	--	10/2	2.1	48
RENZE	R3835SRcn	71.6	--	--	--	--	101	--	--	9/30	1.4	45
RENZE	R4038SRcn	70.5	--	--	--	--	99	--	--	10/2	1.5	45
RENZE	R4638SRcn	65.8	--	--	--	--	92	--	--	10/8	1.7	47
TAYLOR	353RR	66.8	51.2	62.6	59.0	60.2	94	104	111	10/1	1.0	45
TAYLOR	398RRS	77.1	46.2	69.2	61.7	64.2	108	94	122	9/30	2.2	46
TAYLOR	EXP3770RR	65.5	--	--	--	--	92	--	--	9/27	1.0	44
	AVERAGES	71.2	49.0	56.5								
	CV (%)	8.9	13.1	10.8								
	LSD (0.10)	8.6	8.7	8.3								

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 --, 2.5% OM; P test: --, K test: M Wet early conditions turned to extremely dry conditions throughout most of the growing season and the entire seed-fill period.
0-0-0 lbs N-P-K fertilizer

April May June July Aug. Sept. Total

Rainfall: 4.9 6.9 17.2 1.5 0.2 3.0 33.8

Planted 5/25/2007 at 8 seeds/ft; harvested 10/12/2007; 33 ft. by 2-row plot; pesticides: 6oz Canopy and 1.33pt Dual Mag preemergence, 22 oz WeatherMax® and 2.55lbs AMS postemergence

Table 5. Ottawa, Franklin Co. Roundup®-resistant Soybean Performance Test, 2005-2007.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2007		
		2007	2006	2005	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
ADVANCED GENETICS	AG4466NRR	23.6	--	--	--	--	95	--	--	9/28	1.0	29
ADVANCED GENETICS	AG4880NRS	30.1	48.9	61.7	39.5	46.9	121	121	106	10/7	1.0	30
ADVANCED GENETICS	AG5022NRS	24.8	--	--	--	--	100	--	--	10/9	1.0	31
ASGROW	AG3705	22.6	39.7	--	31.2	--	91	98	--	9/20	1.0	27
ASGROW	AG3803	24.5	--	--	--	--	98	--	--	9/19	1.0	28
ASGROW	AG3905	22.3	33.8	52.3	28.1	36.1	90	84	90	9/22	1.0	30
ASGROW	AG4103	21.5	38.3	--	29.9	--	86	95	--	9/23	1.0	28
ASGROW	AG4405	22.4	--	--	--	--	90	--	--	9/26	1.0	27
ASGROW	AG4605	26.1	--	--	--	--	105	--	--	9/29	1.0	28
ASGROW	AG5501	17.9	--	--	--	--	72	--	--	10/19	1.0	32
ASGROW	DKB46-51	21.1	40.6	61.3	30.9	41.0	85	101	106	9/28	1.0	29
CROPLAN GENETICS	RC3864	25.9	--	--	--	--	104	--	--	9/16	1.0	27
CROPLAN GENETICS	RC4104	25.3	--	--	--	--	102	--	--	9/21	1.0	30
CROPLAN GENETICS	RC4455	23.8	45.3	61.1	34.6	43.4	96	112	105	9/28	1.0	32
CROPLAN GENETICS	RT3836	25.2	--	--	--	--	101	--	--	9/23	1.0	26
DYNA-GRO	31Y38	24.6	39.1	--	31.9	--	99	97	--	9/17	1.0	26
DYNA-GRO	32C38	26.8	41.7	57.3	34.3	41.9	108	103	99	9/16	1.0	27
DYNA-GRO	32X39	25.3	--	--	--	--	102	--	--	9/20	1.0	27
DYNA-GRO	33A40	23.2	--	--	--	--	93	--	--	9/20	1.0	30
DYNA-GRO	35G38	18.1	38.5	--	28.3	--	73	95	--	9/13	1.0	25
DYNA-GRO	35Y36	24.6	--	--	--	--	99	--	--	9/15	1.0	27
DYNA-GRO	37J34	25.9	--	--	--	--	104	--	--	9/19	1.0	29
DYNA-GRO	38C42	27.8	--	--	--	--	112	--	--	9/23	1.0	27
DYNA-GRO	DG 3468NRR	26.0	--	56.7	--	--	104	--	98	9/29	1.0	28
DYNA-GRO	SXO6136	22.3	--	--	--	--	90	--	--	9/14	1.0	27
KANSAS AES	KS3406RR	20.9	--	52.7	--	--	84	--	91	9/18	1.0	26
KANSAS AES	KS4404RR	25.2	41.8	60.2	33.5	42.4	101	103	104	9/29	1.0	26
KANSAS AES	KS4704RR	25.6	39.6	63.8	32.6	43.0	103	98	110	10/4	1.0	27
KRUGER	K-363RR/SCN	23.9	36.1	--	30.0	--	96	89	--	9/14	1.0	26
KRUGER	K-382RR/SCN	20.6	--	--	--	--	83	--	--	9/13	1.0	26
KRUGER	K-384RR/SCN	25.8	--	--	--	--	104	--	--	9/18	1.0	27
KRUGER	K-389RR/SCN	28.2	43.3	59.7	35.8	43.7	113	107	103	9/17	1.0	27
KRUGER	K-410RR/SCN	25.0	34.4	--	29.7	--	100	85	--	9/23	1.0	31
KRUGER	K-433RR/SCN	26.0	45.8	60.0	35.9	43.9	104	113	103	9/28	1.0	33
KRUGER	K-476RR/SCN	29.8	44.0	--	36.9	--	120	109	--	10/7	1.0	27
KRUGER	K-478RR/SCN	23.2	--	--	--	--	93	--	--	9/27	1.0	33
KRUGER	KY3717RN	25.0	--	--	--	--	100	--	--	9/17	1.0	28
MIDLAND	MG 3618NRR	24.9	--	--	--	--	100	--	--	9/17	1.0	27
MIDLAND	MG 3628NRR	22.5	--	--	--	--	90	--	--	9/14	1.0	26
MIDLAND	MG 3738NRR	24.7	--	--	--	--	99	--	--	9/17	1.0	29
MIDLAND	MG 3948NRR	20.3	--	--	--	--	82	--	--	9/20	1.0	25
MIDLAND	MG 3958NRS	25.0	--	--	--	--	100	--	--	9/22	1.0	27
MIDLAND	MG 4157NRS	26.6	--	--	--	--	107	--	--	9/24	1.0	28
MIDLAND	MG 4477NRR	23.2	--	--	--	--	93	--	--	9/28	1.0	27
MIDLAND	MG 4506NRR	22.8	45.8	63.4	34.3	44.0	92	113	109	9/29	1.0	31
MIDLAND	MG 4768NRR	24.0	--	--	--	--	96	--	--	10/4	1.0	29
MIDLAND	MG 4806NRS	28.8	47.3	--	38.1	--	116	117	--	10/6	1.0	32
MIDLAND	MG 4878RR	29.2	--	--	--	--	117	--	--	10/9	1.0	29
MIDLAND	MG 9A385NRS	25.4	--	--	--	--	102	--	--	9/19	1.0	26
MIDLAND	MG 9A432NRS	24.2	42.7	61.7	33.5	42.9	97	106	106	9/26	1.0	30
MIDLAND	MG 9B395NRR	24.2	39.5	59.6	31.9	41.1	97	98	103	9/27	1.0	30
MIDWEST SEED	GR3934	23.3	--	--	--	--	94	--	--	9/18	1.0	29
MIDWEST SEED	GR4455	26.1	46.2	--	36.2	--	105	114	--	9/30	1.0	31

Table 5. Ottawa, Franklin Co. Roundup®-resistant Soybean Performance Test, 2005-2007 - continued.

BRAND	NAME	ACRE YIELD, BUSHELS					YIELD AS % OF TEST AVERAGE			2007		
		2007	2006	2005	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
MIDWEST SEED	GR4531	24.2	--	--	--	--	97	--	--	9/26	1.0	33
MIDWEST SEED	GRX47-01-7	24.3	--	--	--	--	98	--	--	9/27	1.0	33
MORSOY	RT 4126N	27.5	--	--	--	--	110	--	--	9/24	1.0	28
MORSOY	RT 4446N	22.6	--	--	--	--	91	--	--	9/26	1.0	28
MORSOY	RT 4485N	26.3	46.8	64.3	36.6	45.8	106	116	111	9/29	1.0	32
MORSOY	RTS 4824	29.2	50.4	65.0	39.8	48.2	117	125	112	10/8	1.0	32
M-PRIDE	MPV3808NRR	24.7	--	--	--	--	99	--	--	9/18	1.0	27
M-PRIDE	MPV4406NRR	27.1	--	--	--	--	109	--	--	9/29	1.0	32
M-PRIDE	MPV4707NRR/STS	28.6	--	--	--	--	115	--	--	10/5	1.0	26
NC+	4A42RS	25.8	46.6	--	36.2	--	104	115	--	9/29	1.0	32
NC+	4A81RS	29.6	--	--	--	--	119	--	--	10/6	1.0	31
NK	S37-F7	25.5	--	--	--	--	102	--	--	9/16	1.0	26
NK	S37-P5	24.0	--	--	--	--	96	--	--	9/16	1.0	27
NK	S38-D5	20.0	--	--	--	--	80	--	--	9/18	1.0	25
NK	S39-A3	25.3	--	--	--	--	102	--	--	9/21	1.0	27
NK	S46-U6	25.9	--	--	--	--	104	--	--	10/5	1.0	33
NK	S49-Q9	27.1	44.1	60.2	35.6	43.8	109	109	104	10/12	1.0	30
OHLDE	O-3334NRR	20.2	--	--	--	--	81	--	--	9/17	1.0	30
OHLDE	O-4292	25.3	40.8	63.8	33.1	43.3	102	101	110	9/29	1.0	31
OHLDE	O-4595	24.6	43.5	60.4	34.1	42.8	99	108	104	9/28	1.0	31
PHILLIPS	376NRR	24.0	--	--	--	--	96	--	--	9/18	1.0	27
PHILLIPS	385NRS	25.4	42.8	59.7	34.1	42.6	102	106	103	9/17	1.0	28
PHILLIPS	417 NRS	24.3	--	--	--	--	98	--	--	9/24	1.0	27
RENZE	R3835SRcn	25.4	41.1	54.8	33.3	40.4	102	102	94	9/15	1.0	27
RENZE	R4038SRcn	23.4	--	--	--	--	94	--	--	9/22	1.0	29
RENZE	R4638SRcn	29.2	--	--	--	--	117	--	--	10/4	1.0	27
RENZE	R4836SRcn	30.8	47.5	66.3	39.2	48.2	124	118	114	10/5	1.0	31
TAYLOR	445RR	25.1	--	--	--	--	101	--	--	9/27	1.0	33
TAYLOR	487RRS	31.1	--	--	--	--	125	--	--	10/6	1.0	30
WILLCROSS	RR2386	26.1	--	--	--	--	105	--	--	9/18	1.0	27
WILLCROSS	RR2397N	26.5	--	--	--	--	106	--	--	9/21	1.0	31
WILLCROSS	RR2446N	25.8	45.4	60.7	35.6	44.0	104	112	105	9/30	1.0	33
WILLCROSS	RR2460NB	24.6	--	--	--	--	99	--	--	10/8	1.0	28
WILLCROSS	RR2460NS	25.3	--	--	--	--	102	--	--	10/5	1.0	28
WILLCROSS	RR2484N	23.4	--	46.4	--	--	94	--	80	9/29	1.0	29
WILLCROSS	RR2499N	26.6	--	--	--	--	107	--	--	10/7	1.0	36
	AVERAGES	24.9	40.4	58.0								
	CV (%)	11.5	6.2	5.9								
	LSD (0.10)	3.4	2.9	4.0								

Values in bold are in the upper LSD group.

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

Parsons silt loam, pH --, 1.7% OM; P test: --, K test: VH
0-0-0 lbs N-P-K fertilizer

Heavy rain immediately following planting. We had to rotary hoe to increase emergence. Lack of rain in late summer decreased height and yield, especially for MGs III and IVs. Good yields considering the late planting. Late frost helped MG V entries to mature before frost.

April May June July Aug. Sept. Total

Rainfall: 3.4 9.8 13.5 4.0 1.3 2.4 34.4

Planted 7/9/2007 at 7 seeds/ft; harvested 11/2/2007; 17 ft. by 2-row plot; pesticides: 8 oz Headline and 22 oz Roundup WeatherMax® + 4lb/100 gal Array surfactant postemergence

Table 6. Pittsburg, Cherokee Co. Roundup®-resistant Soybean Performance Test, Maturity Groups III - IV, 2005-2007

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2007		
		2007	2006	2005	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
ADVANCED GENETICS	AG4466NRR	33.0	--	--	--	--	118	--	--	10/19	1.0	20
ASGROW	AG4605	26.8	--	--	--	--	96	--	--	10/20	1.0	19
ASGROW	AG4703	26.4	35.5	--	31.0	--	94	108	--	10/19	1.0	18
ASGROW	DKB46-51	33.4	37.4	46.3	35.4	39.0	119	113	105	10/19	1.0	21
CROPLAN GENETICS	RC4455	27.3	--	42.5	--	--	98	--	97	10/18	1.0	24
DYNA-GRO	31Y38	21.1	25.9	--	23.5	--	75	78	--	10/10	1.0	17
DYNA-GRO	32C38	23.9	--	48.1	--	--	85	--	109	10/10	1.0	17
DYNA-GRO	32X39	25.4	--	--	--	--	91	--	--	10/12	1.0	20
DYNA-GRO	33A40	33.2	--	--	--	--	119	--	--	10/16	1.0	24
DYNA-GRO	35D44	26.3	--	--	--	--	94	--	--	10/15	1.0	20
DYNA-GRO	35G38	19.8	22.3	--	21.1	--	71	68	--	10/10	1.0	18
DYNA-GRO	37A44	33.1	--	--	--	--	118	--	--	10/17	1.0	24
DYNA-GRO	38C42	25.1	31.8	--	28.5	--	90	96	--	10/14	1.0	18
DYNA-GRO	DG 32R46	33.2	--	--	--	--	119	--	--	10/20	1.0	20
DYNA-GRO	DG 3468NRR	27.8	36.0	47.1	31.9	37.0	99	109	107	10/20	1.0	20
DYNA-GRO	SXO6136	22.0	--	--	--	--	79	--	--	10/9	1.0	18
KANSAS AES	KS3406RR	17.2	--	--	--	--	61	--	--	10/9	1.0	18
KANSAS AES	KS4404RR	26.6	32.1	44.8	29.4	34.5	95	97	102	10/11	1.0	18
KANSAS AES	KS4704RR	20.3	34.5	42.6	27.4	32.5	73	105	97	10/13	1.0	19
MIDLAND	MG 4477NRR	28.2	--	--	--	--	101	--	--	10/17	1.0	19
MIDLAND	MG 4506NRR	28.5	36.3	42.6	32.4	35.8	102	110	97	10/17	1.0	25
MIDLAND	MG 4768NRR	34.4	--	--	--	--	123	--	--	10/20	1.0	24
MIDLAND	MG 9A432NRS	27.4	35.3	46.1	31.4	36.3	98	107	105	10/17	1.0	21
MIDWEST SEED	GR4455	26.2	--	--	--	--	94	--	--	10/17	1.0	24
MIDWEST SEED	GR4531	30.6	--	--	--	--	109	--	--	10/17	1.0	22
MIDWEST SEED	GRX47-01-7	36.4	--	--	--	--	130	--	--	10/19	1.0	25
MORSOY	RT 4485N	27.3	33.7	47.6	30.5	36.2	98	102	108	10/19	1.0	24
MORSOY	RT 4731N	33.6	37.7	--	35.7	--	120	114	--	10/18	1.0	23
NC+	4A42RS	30.1	37.8	--	34.0	--	108	115	--	10/18	1.0	22
NK	S46-U6	34.7	--	--	--	--	124	--	--	10/24	1.0	26
	AVERAGES	28.0	33.0	44.0								
	CV (%)	15.8	9.9	6.4								
	LSD (0.10)	5.2	3.8	3.3								

Values in bold are in the upper LSD group.

Farmers Field - No-till Double-Crop, Pittsburg, Cherokee County; Bill Schapaugh, agronomist, 785-532-7242

Parsons silt loam, pH --, --% OM; P test: --, K test: --
0-0-0 lbs N-P-K fertilizer

Extremely wet conditions during planting, but emergence and stand establishment were good. Timely rains during seed-fill produced good yields.

April May June July Aug. Sept. Total

Rainfall: 3.4 9.8 13.5 4.0 1.3 2.4 34.4

Planted 6/20/2007 at 9 seeds/ft; harvested 10/19/2007; 11 ft. by 2-row plot; pesticides: 1 application of Roundup

Table 7. Pittsburg, Cherokee Co. No-Till Double-Crop Soybean Performance Test, Maturity Groups III - IV, -2007.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2007		
		2007	2006	2005	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
DYNA-GRO	32C38	43.0	--	--	--	--	102	--	--	10/4	1.3	19
DYNA-GRO	33A40	41.4	--	--	--	--	98	--	--	10/6	1.5	28
DYNA-GRO	35D44	39.8	--	--	--	--	94	--	--	10/7	1.3	28
DYNA-GRO	35G38	42.3	--	--	--	--	100	--	--	10/4	1.0	26
DYNA-GRO	37A44	43.3	--	--	--	--	102	--	--	10/8	1.3	29
DYNA-GRO	38C42	45.2	--	--	--	--	107	--	--	10/9	1.0	24

Table 7. Pittsburg, Cherokee Co. No-Till Double-Crop Soybean Performance Test, Maturity Groups III - IV, -2007 - continued.

BRAND	NAME	ACRE YIELD, BUSHEL			YIELD AS % OF TEST AVERAGE			2007		
		2007	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
DYNA-GRO	DG 32R46	42.3	--	--	100	--	--	10/11	1.3	27
DYNA-GRO	SXO6136	38.7	--	--	91	--	--	10/1	1.3	25
KANSAS AES	KS3406RR	40.0	--	--	95	--	--	10/2	1.0	24
KANSAS AES	KS4404RR	40.2	--	--	95	--	--	10/5	1.0	27
KANSAS AES	KS4704RR	41.1	--	--	97	--	--	10/7	1.3	27
MIDWEST SEED	GR4531	45.0	--	--	106	--	--	10/8	1.3	30
MIDWEST SEED	GRX47-01-7	42.8	--	--	101	--	--	10/9	1.3	30
NK	S46-U6	46.1	--	--	109	--	--	10/12	1.3	32
RENZE	R4038SRcn	43.4	--	--	103	--	--	10/7	1.3	27
	AVERAGES	42.3	--	--						
	CV (%)	5.3	--	--						
	LSD (0.10)	2.7	--	--						

Values in bold are in the upper LSD group.

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

Parsons silt loam, pH --, 1.7% OM; P test: --, K test: VH
0-0-0 lbs N-P-K fertilizer

Heavy rain immediately following planting. We had to rotary hoe to increase emergence. Lack of rain in late summer decreased height and yield, especially for MGs IIIs and IVs. Good yields considering the late planting. Late frost helped MG V entries to mature before frost.

April May June July Aug. Sept. Total

Rainfall: 3.4 9.8 13.5 4.0 1.3 2.4 34.4

Planted 7/9/2007 at 7 seeds/ft; harvested 11/2/2007; 17 ft. by 2-row plot; pesticides: 8 oz Headline and 22 oz Roundup WeatherMax® + 4lb/100 gal Array surfactant postemergence

Table 8. Pittsburg, Cherokee Co. Roundup®-resistant Soybean Performance Test, Maturity Groups IV - V, 2005-2007

BRAND	NAME	ACRE YIELD, BUSHEL			YIELD AS % OF TEST AVERAGE			2007				
		2007	2006	2005	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
ADVANCED GENETICS	AG4880NRS	22.7	34.0	40.8	28.4	32.5	64	101	106	10/24	1.0	19
ADVANCED GENETICS	AG5022NRS	38.6	--	--	--	--	110	--	--	10/25	1.0	23
ADVANCED GENETICS	AG5333NRR	30.4	33.1	39.5	31.8	34.3	86	99	103	10/27	1.0	18
ADVANCED GENETICS	AG5450NRS	40.8	--	--	--	--	116	--	--	11/1	1.0	21
ASGROW	AG4903	32.2	39.1	42.3	35.7	37.9	91	117	110	10/25	1.0	22
ASGROW	AG5301	38.5	35.5	38.3	37.0	37.4	109	106	99	11/1	1.0	22
ASGROW	AG5501	35.1	36.0	37.5	35.6	36.2	100	107	97	11/1	1.0	20
ASGROW	AG5605	39.3	35.6	41.5	37.5	38.8	112	106	108	10/27	1.0	20
CROPLAN GENETICS	RC4955	37.3	32.6	--	35.0	--	106	97	--	10/27	1.0	26
CROPLAN GENETICS	RC5007	35.2	--	--	--	--	100	--	--	10/29	1.0	22
DYNA-GRO	31A48	28.9	36.3	--	32.6	--	82	108	--	10/22	1.0	21
DYNA-GRO	36Y48	34.5	29.7	--	32.1	--	98	89	--	10/24	1.0	24
KANSAS AES	KS5306NRR	39.1	33.4	36.3	36.3	36.3	111	100	94	11/1	1.0	22
KANSAS AES	KS5507NRR	37.7	34.6	39.8	36.2	37.4	107	103	103	10/29	1.0	18
MIDLAND	MG 4806NRS	29.4	34.4	41.3	31.9	35.0	84	103	107	10/25	1.0	21
MIDLAND	MG 4878RR	37.3	--	--	--	--	106	--	--	10/23	1.0	24
MIDLAND	MG 5197NRS	39.8	35.4	--	37.6	--	113	106	--	10/27	1.0	21
MIDWEST SEED	GR4831	29.2	35.3	41.5	32.3	35.3	83	105	108	10/22	1.0	19
MIDWEST SEED	GR5331	37.6	--	--	--	--	107	--	--	10/28	1.0	26
MORSOY	RT 5154N	32.1	33.8	42.3	33.0	36.1	91	101	110	10/24	1.0	28
MORSOY	RTS 4824	29.6	35.5	42.8	32.6	36.0	84	106	111	10/25	1.0	23
MORSOY	RTS 5166N	32.3	36.5	--	34.4	--	92	109	--	10/27	1.0	18
M-PRIDE	MPV4905NRR	23.4	33.6	38.3	28.5	31.8	66	100	99	10/24	1.0	22
M-PRIDE	MPV5407NRR	39.9	37.2	--	38.6	--	113	111	--	10/27	1.0	27
M-PRIDE	MPV5505NRR	34.9	33.0	41.8	34.0	36.6	99	99	108	10/26	1.0	21
NC+	4A81RS	31.7	--	--	--	--	90	--	--	10/23	1.0	20
NC+	5A31RS	39.0	--	--	--	--	111	--	--	10/27	1.0	26
NK	S49-Q9	31.4	36.3	37.0	33.9	34.9	89	108	96	10/24	1.0	23
NK	S52-U3	37.2	36.8	40.5	37.0	38.2	106	110	105	10/30	1.0	20
NK	S57-P1	40.8	36.8	35.3	38.8	37.6	116	110	92	10/31	1.0	22
PIONEER BRAND	94M80	33.1	--	--	--	--	94	--	--	10/19	1.0	23
PIONEER BRAND	95M30	40.3	30.1	--	35.2	--	114	90	--	10/27	1.0	25
PIONEER BRAND	95M50	40.6	33.4	40.5	37.0	38.2	115	100	105	10/27	1.0	22

Table 8. Pittsburg, Cherokee Co. Roundup®-resistant Soybean Performance Test, Maturity Groups IV - V, 2005-2007 - continued.

BRAND	NAME	ACRE YIELD, BUSHELS					YIELD AS % OF TEST AVERAGE			2007		
		2007	2006	2005	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
RENZE	R4836SRcn	32.9	--	--	--	--	93	--	--	10/23	1.0	21
WILLCROSS	RR2509N	39.7	--	--	--	--	113	--	--	10/24	1.0	26
WILLCROSS	RR2519NSTS	37.7	--	--	--	--	107	--	--	10/27	1.0	23
WILLCROSS	RR2544NSTS	34.7	37.2	41.8	36.0	37.9	99	111	108	10/26	1.0	19
WILLCROSS	RR2547N	42.3	--	--	--	--	120	--	--	10/27	1.0	26
	AVERAGES	35.2	33.5	38.6								
	CV (%)	13.3	7.9	6.8								
	LSD (0.10)	5.5	3.1	3.0								

Values in bold are in the upper LSD group.

Farmers Field - No-till Double-Crop, Pittsburg, Cherokee County; Bill Schapaugh, agronomist, 785-532-7242

Parsons silt loam, pH --, --% OM; P test: --, K test: -- Extremely wet conditions during planting, but emergence and stand establishment were good. Timely rains during seed-fill produced good yields.

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

	April	May	June	July	Aug.	Sept.	Total
Rainfall:	3.4	9.8	13.5	4.0	1.3	2.4	34.4

Planted 6/20/2007 at 8 seeds/ft; harvested 10/31/2007; 11 ft. by 2-row plot; pesticides: 1 application of Roundup

Table 9. Pittsburg, Cherokee Co. No-Till Double-Crop Soybean Performance Test, Maturity Groups IV - V, -2007.

BRAND	NAME	ACRE YIELD, BUSHELS					YIELD AS % OF TEST AVERAGE			2007		
		2007	2006	2005	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
ADVANCED GENETICS	AG4880NRS	33.6	--	--	--	--	77	--	--	10/17	2.0	24
ADVANCED GENETICS	AG5022NRS	44.2	--	--	--	--	102	--	--	10/17	1.8	27
ADVANCED GENETICS	AG5333NRR	45.2	--	--	--	--	104	--	--	10/24	1.5	27
ADVANCED GENETICS	AG5450NRS	46.6	--	--	--	--	107	--	--	10/27	1.3	29
ASGROW	AG4903	43.1	--	--	--	--	99	--	--	10/17	2.0	26
ASGROW	AG5301	42.9	--	--	--	--	99	--	--	10/24	1.5	29
ASGROW	AG5501	46.3	--	--	--	--	106	--	--	10/25	1.0	30
ASGROW	AG5605	49.3	--	--	--	--	113	--	--	10/26	1.5	29
CROPLAN GENETICS	RC4955	46.4	--	--	--	--	107	--	--	10/19	1.5	29
CROPLAN GENETICS	RC5007	48.2	--	--	--	--	111	--	--	10/24	1.0	29
KANSAS AES	KS5306NRR	46.3	--	--	--	--	106	--	--	10/23	1.8	31
KANSAS AES	KS5507NRR	45.5	--	--	--	--	105	--	--	10/25	1.0	28
MIDLAND	MG 4806NRS	39.9	--	--	--	--	92	--	--	10/17	2.0	25
NC+	4A81RS	39.1	--	--	--	--	90	--	--	10/16	1.8	24
NC+	5A31RS	40.6	--	--	--	--	93	--	--	10/24	1.0	30
NK	S49-Q9	42.0	--	--	--	--	97	--	--	10/17	1.0	29
NK	S52-U3	39.4	--	--	--	--	91	--	--	10/12	1.0	26
NK	S57-P1	48.4	--	--	--	--	111	--	--	10/24	1.8	29
PIONEER BRAND	94M80	39.7	--	--	--	--	91	--	--	10/13	1.5	28
PIONEER BRAND	95M30	46.4	--	--	--	--	107	--	--	10/23	1.5	32
PIONEER BRAND	95M50	46.4	--	--	--	--	107	--	--	10/25	2.0	29
RENZE	R4836SRcn	36.6	--	--	--	--	84	--	--	10/16	2.0	24
	AVERAGES	43.5	--	--								
	CV (%)	5.5	--	--								
	LSD (0.10)	2.8	--	--								

Values in bold are in the upper LSD group.

New Farmers field near McCune, McCune, Crawford County; Bill Schapaugh, agronomist, 785-532-7242

Cherokee silt loam, pH --, --% OM; P test: --, K test: -- Originally planted on 6/25, excessive rainfall prior to emergence resulted in poor stands. Following replanting in July, conditions became hot and dry through early reproductive development. Timely rains during seed-fill resulted in excellent yields considering the late planting date. Plants matured prior to a killing frost.

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

	April	May	June	July	Aug.	Sept.	Total
Rainfall:	3.9	7.0	11.9	6.1	2.2	2.7	33.8

Planted 7/12/2007 at 9 seeds/ft; harvested 10/19/2007; 11 ft. by 2-row plot; pesticides: 1 application of Roundup

Table 10. McCune, Crawford Co. Roundup®-resistant Soybean Performance Test, Maturity Groups III - IV, -2007.

BRAND	NAME	ACRE YIELD, BUSHELS					YIELD AS % OF TEST AVERAGE			2007	
		2007	2006	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
ASGROW	AG4605	41.8	--	--	--	103	--	--	10/17	1.0	28
ASGROW	AG4703	45.3	--	--	--	112	--	--	10/15	1.0	31
ASGROW	DKB46-51	41.9	--	--	--	103	--	--	10/14	1.0	34
CROPLAN GENETICS	RC4455	42.4	--	--	--	105	--	--	10/16	1.0	34
DYNA-GRO	31Y38	38.5	--	--	--	95	--	--	10/5	1.0	27
DYNA-GRO	32C38	40.2	--	--	--	99	--	--	10/7	1.0	27
DYNA-GRO	33A40	42.4	--	--	--	105	--	--	10/11	1.0	31
DYNA-GRO	35G38	40.8	--	--	--	101	--	--	10/7	1.0	28
DYNA-GRO	35Y36	38.7	--	--	--	96	--	--	10/7	1.0	27
DYNA-GRO	SXO6136	38.1	--	--	--	94	--	--	10/7	1.0	27
KANSAS AES	KS3406RR	36.3	--	--	--	90	--	--	10/7	1.0	28
KANSAS AES	KS4404RR	37.0	--	--	--	91	--	--	10/10	1.0	28
KANSAS AES	KS4704RR	37.2	19.2	--	28.2	92	108	--	10/14	1.0	28
MIDWEST SEED	GR4531	43.4	--	--	--	107	--	--	10/13	1.0	35
MIDWEST SEED	GRX47-01-7	44.9	--	--	--	111	--	--	10/15	1.0	34
NK	S46-U6	38.9	--	--	--	96	--	--	10/20	1.0	35
RENZE	R4038SRcn	40.9	--	--	--	101	--	--	10/12	1.0	29
	AVERAGES	40.5	17.7	--	--						
	CV (%)	4.9	10.5	--	--						
	LSD (0.10)	2.4	2.5	--	--						

Values in bold are in the upper LSD group.

New Farmers field near McCune, McCune, Crawford County; Bill Schapaugh, agronomist, 785-532-7242

Cherokee silt loam, pH --, --% OM; P test: --, K test: -- Originally planted on 6/25, excessive rainfall prior to emergence resulted in poor stands. Following replanting in July, conditions became hot and dry through early reproductive development. Timely rains during seed-fill resulted in excellent yields considering the late planting date. Plants matured prior to a killing frost.

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

	April	May	June	July	Aug.	Sept.	Total
Rainfall:	3.9	7.0	11.9	6.1	2.2	2.7	33.8

Planted 7/12/2007 at 8 seeds/ft; harvested 11/16/2007; 11 ft. by 2-row plot; pesticides: 1 application of Roundup

Table 11. McCune, Crawford Co. Roundup®-resistant Soybean Performance Test, Maturity Groups IV - V, 2005-2007.

BRAND	NAME	ACRE YIELD, BUSHELS					YIELD AS % OF TEST AVERAGE			2007		
		2007	2006	2005	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
ADVANCED GENETICS	AG4880NRS	38.2	15.1	--	26.7	--	95	85	--	10/19	1.0	32
ADVANCED GENETICS	AG5022NRS	39.7	--	--	--	--	99	--	--	10/22	1.0	35
ADVANCED GENETICS	AG5333NRR	42.0	16.6	29.1	29.3	29.2	105	94	90	10/25	1.0	31
ADVANCED GENETICS	AG5450NRS	41.5	--	--	--	--	103	--	--	10/28	1.3	34
ASGROW	AG4903	42.4	--	--	--	--	106	--	--	10/20	1.0	33
ASGROW	AG5301	39.8	16.3	32.2	28.1	29.4	99	92	100	10/27	1.6	38
ASGROW	AG5501	41.2	19.0	34.0	30.1	31.4	103	107	105	10/27	1.5	36
ASGROW	AG5605	42.8	16.9	36.5	29.9	32.1	107	95	113	10/28	1.0	32
CROPLAN GENETICS	RC4955	39.0	--	--	--	--	97	--	--	10/21	1.3	36
CROPLAN GENETICS	RC5007	40.1	--	--	--	--	100	--	--	10/24	1.1	36
KANSAS AES	KS5306NRR	37.6	19.4	33.9	28.5	30.3	94	110	105	10/28	3.1	38
KANSAS AES	KS5507NRR	37.5	21.0	36.8	29.3	31.8	94	119	114	10/26	1.1	34
MIDLAND	MG 4806NRS	40.0	--	--	--	--	100	--	--	10/19	1.0	33
NC+	4A81RS	40.1	--	--	--	--	100	--	--	10/19	1.1	32
NC+	5A31RS	40.5	--	--	--	--	101	--	--	10/24	1.3	39
NK	S49-Q9	40.5	--	--	--	--	101	--	--	10/20	1.0	36
NK	S52-U3	38.1	--	35.2	--	--	95	--	109	10/24	1.8	35
NK	S57-P1	37.6	--	--	--	--	94	--	--	10/24	1.5	25
PIONEER BRAND	94M80	40.8	19.0	30.3	29.9	30.0	102	107	94	10/15	1.1	36
PIONEER BRAND	95M30	40.6	16.1	--	28.4	--	101	91	--	10/25	1.8	37

Table 11. McCune, Crawford Co. Roundup®-resistant Soybean Performance Test, Maturity Groups IV - V, 2005-2007 - continued.

BRAND	NAME	ACRE YIELD, BUSHELS					YIELD AS % OF TEST AVERAGE			2007		
		2007	2006	2005	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
PIONEER BRAND	95M50	41.3	17.8	33.3	29.6	30.8	103	101	103	10/24	1.7	34
RENZE	R4836SRcn	40.1	--	--	--	--	100	--	--	10/19	1.0	34
	AVERAGES	40.1	17.7	32.3								
	CV (%)	3.7	10.5	5.0								
	LSD (0.10)	1.7	2.5	2.2								

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 --, 2.3% OM; P test: --, K test: VH

10-34-0 lbs N-P-K fertilizer

April May June July Aug. Sept. Total

Rainfall: 2.0 9.8 1.9 3.7 3.5 2.6 23.5

Planted 5/22/2007 at 10 seeds/ft; harvested 10/30/2007; 22 ft. by 2-row plot; pesticides: 1.5 pt/a Dual + .25 lb/a Sencor + 24 oz Rascal Plus at planting, 24 oz Rascal Plus postemerge

Table 12. Belleville, Republic Co. Roundup®-resistant Soybean Performance Test, 2005-2007.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2007		
		2007	2006	2005	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
ASGROW	AG3005	52.6	43.0	45.1	47.8	46.9	106	104	86	9/30	1.0	32
ASGROW	AG3205	50.8	--	--	--	--	102	--	--	10/1	1.0	31
ASGROW	AG3402	52.4	--	--	--	--	106	--	--	10/1	1.0	28
ASGROW	AG3504	52.5	--	--	--	--	106	--	--	10/1	1.0	28
ASGROW	AG3602	49.9	--	57.1	--	--	101	--	108	10/2	1.0	32
ASGROW	AG3705	51.7	--	--	--	--	104	--	--	10/3	1.0	35
ASGROW	AG3803	49.4	--	--	--	--	100	--	--	10/4	1.0	30
CROPLAN GENETICS	RC3125	49.8	--	--	--	--	100	--	--	10/1	1.0	24
CROPLAN GENETICS	RC3624	51.6	41.1	--	46.4	--	104	100	--	10/2	1.0	30
CROPLAN GENETICS	RC3864	49.8	41.0	--	45.4	--	100	100	--	10/4	1.0	28
DYNA-GRO	35F37	48.5	--	--	--	--	98	--	--	10/3	1.0	34
DYNA-GRO	35G38	52.3	41.2	--	46.8	--	105	100	--	10/1	1.0	33
DYNA-GRO	35Y36	48.6	--	--	--	--	98	--	--	10/2	1.0	32
DYNA-GRO	37J34	49.0	--	--	--	--	99	--	--	10/2	1.0	28
DYNA-GRO	DG 3362NRR	49.2	44.3	--	46.8	--	99	108	--	10/2	1.0	29
DYNA-GRO	SXO6136	48.9	--	--	--	--	99	--	--	10/2	1.0	30
FONTANELLE	9488NRS	49.1	44.5	--	46.8	--	99	108	--	10/3	1.0	27
FONTANELLE	9633NRR	50.9	43.4	--	47.2	--	103	105	--	10/1	1.0	30
FONTANELLE	9680NRR	50.5	39.8	--	45.2	--	102	97	--	9/30	1.0	29
KANSAS AES	KS3406RR	49.8	38.6	--	44.2	--	100	94	--	10/1	1.0	27
KANSAS AES	KS4404RR	49.8	--	39.3	--	--	100	--	75	10/6	1.0	31
KRUGER	K-333RR/SCN	50.0	42.3	52.5	46.2	48.3	101	103	100	10/1	1.0	28
KRUGER	K-340RR/SCN	49.1	--	--	--	--	99	--	--	10/1	1.0	29
KRUGER	K-341RR/SCN	45.5	38.1	52.1	41.8	45.2	92	92	99	10/1	1.0	26
KRUGER	K-348RR/SCN	47.1	--	--	--	--	95	--	--	10/2	1.0	34
KRUGER	K-363RR/SCN	47.4	40.8	--	44.1	--	96	99	--	10/2	1.0	32
KRUGER	K-382RR/SCN	49.2	--	--	--	--	99	--	--	10/3	1.0	30
KRUGER	K-384RR/SCN	49.6	--	--	--	--	100	--	--	10/3	1.0	33
KRUGER	K-389RR/SCN	47.1	42.0	56.3	44.6	48.5	95	102	107	10/4	1.0	26
KRUGER	K-410RR/SCN	49.1	41.8	--	45.5	--	99	101	--	10/4	1.0	29
KRUGER	KY3717RN	47.1	--	--	--	--	95	--	--	10/2	1.0	29
MIDLAND-PHILLIPS	346NRR	48.1	44.4	--	46.3	--	97	108	--	10/1	1.0	31
MIDLAND-PHILLIPS	366NRS	47.4	--	--	--	--	96	--	--	10/3	1.0	29
MIDLAND-PHILLIPS	376NRR	46.7	38.5	--	42.6	--	94	93	--	10/2	1.0	31
MIDLAND-PHILLIPS	385NRS	48.9	41.7	57.6	45.3	49.4	99	101	109	10/4	1.0	29
MIDLAND-PHILLIPS	417 NRS	49.6	--	--	--	--	100	--	--	10/6	1.0	34
NC+	3A79RR	49.0	--	--	--	--	99	--	--	10/3	1.0	28
NC+	3A85RS	50.9	--	--	--	--	103	--	--	10/3	1.0	30
NK	S28-B4	48.9	--	--	--	--	99	--	--	9/28	1.0	30
NK	S33-T4	50.8	--	--	--	--	102	--	--	10/1	1.0	26
NK	S36-B6	51.6	--	--	--	--	104	--	--	10/3	1.0	28
NK	S37-F7	50.6	--	--	--	--	102	--	--	10/3	1.0	31
NK	S37-P5	52.5	--	--	--	--	106	--	--	10/2	1.0	29
NK	S38-D5	49.6	--	--	--	--	100	--	--	10/4	1.0	30
NK	S39-A3	51.0	--	--	--	--	103	--	--	10/4	1.0	34
NuTech/AgSource	NT-3777RR	50.1	--	--	--	--	101	--	--	10/2	1.0	25
NuTech/AgSource	NT-3888RRSCN	48.8	--	--	--	--	98	--	--	10/4	1.0	29
NuTech/AgSource	NT-3909RR/SCN	47.9	--	--	--	--	97	--	--	10/3	1.0	25
NuTech/AgSource	NT-4041RR/SCN	49.0	--	--	--	--	99	--	--	10/4	1.0	30
NuTech/AgSource	NT-7345	50.2	--	--	--	--	101	--	--	10/1	1.0	36
NuTech/AgSource	NT-7366	47.1	--	--	--	--	95	--	--	10/2	1.0	30
NuTech/AgSource	NT-7368	49.2	--	--	--	--	99	--	--	10/2	1.0	26
NuTech/AgSource	NT-7388	49.0	--	--	--	--	99	--	--	10/4	1.0	33

Table 12. Belleville, Republic Co. Roundup®-resistant Soybean Performance Test, 2005-2007 - continued.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2007		
		2007	2006	2005	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
NuTech/AgSource	NT-7399	51.3	--	--	--	--	103	--	--	10/4	1.0	28
NuTech/AgSource	NT-7406	49.6	--	--	--	--	100	--	--	10/5	1.0	30
OHLDE	O-3334NRR	50.6	42.2	57.3	46.4	50.0	102	102	109	10/1	1.0	30
OHLDE	O-3595	51.5	--	--	--	--	104	--	--	10/1	1.0	31
OHLDE	X-3721	47.7	--	--	--	--	96	--	--	10/3	1.0	33
OHLDE	X-3927	50.6	--	--	--	--	102	--	--	10/4	1.0	33
OHLDE	X-3997	52.5	--	--	--	--	106	--	--	10/3	1.0	32
RENZE	R3835SRcn	48.2	--	--	--	--	97	--	--	10/3	1.0	27
RENZE	R4038SRcn	47.8	--	--	--	--	96	--	--	10/4	1.0	30
TAYLOR	353RR	50.4	--	--	--	--	102	--	--	10/1	1.0	31
	AVERAGES	49.6	41.2	52.6								
	CV (%)	4.1	6.9	5.8								
	LSD (0.10)	2.7	3.9	4.2								

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 --, --% OM; P test: --, K test: M

10-34-5 lbs N-P-K fertilizer

April May June July Aug. Sept. Total

Rainfall: 1.9 8.7 4.5 3.5 2.3 4.7 25.7

Irrigation: 3.0 4.5 7.5

Planted 5/23/2007 at 12 seeds/ft; harvested 11/1/2007; 24 ft. by 2-row plot; pesticides: 1.5 pt/a Dual + .25 lb/a Sencor + 24 oz Rascal Plus at planting, 24 oz Rascal Plus postemerge

Table 13. Scandia, Republic Co. Irrigated Roundup®-resistant Soybean Performance Test, 2005-2007.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2007		
		2007	2006	2005	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
ASGROW	AG3306	70.4	--	--	--	--	99	--	--	10/1	1.0	42
ASGROW	AG3402	75.9	--	--	--	--	107	--	--	10/2	1.0	46
ASGROW	AG3504	75.0	--	--	--	--	106	--	--	10/3	1.0	46
ASGROW	AG3602	71.6	69.4	80.2	70.5	73.7	101	100	101	10/3	1.0	46
ASGROW	AG3705	71.7	--	--	--	--	101	--	--	10/3	1.0	45
ASGROW	AG3803	70.0	--	--	--	--	99	--	--	10/5	1.0	46
ASGROW	AG3905	69.4	--	--	--	--	98	--	--	10/5	1.0	46
CROPLAN GENETICS	RC3864	71.5	71.1	--	71.3	--	101	103	--	10/4	1.0	40
CROPLAN GENETICS	RT3836	73.0	--	--	--	--	103	--	--	10/4	1.0	41
DYNA-GRO	31Y38	70.8	71.5	84.6	71.2	75.6	100	103	107	10/5	1.0	45
DYNA-GRO	35F37	68.3	--	--	--	--	96	--	--	10/3	1.0	43
DYNA-GRO	35G38	69.9	68.3	--	69.1	--	98	99	--	10/3	1.0	44
DYNA-GRO	35Y36	71.0	--	--	--	--	100	--	--	10/3	1.0	43
DYNA-GRO	37J34	69.9	--	--	--	--	98	--	--	10/3	1.0	45
DYNA-GRO	DG 3362NRR	70.1	67.7	--	68.9	--	99	98	--	10/2	1.0	40
DYNA-GRO	SXO6136	71.1	--	--	--	--	100	--	--	10/3	1.0	43
FONTANELLE	9488NRS	70.3	70.0	--	70.2	--	99	101	--	10/4	1.0	44
FONTANELLE	9633NRR	72.1	72.4	--	72.3	--	102	104	--	10/3	1.0	40
FONTANELLE	9680NRR	72.2	71.6	--	71.9	--	102	103	--	10/4	1.0	45
KANSAS AES	KS3406RR	72.8	74.5	79.0	73.7	75.4	103	108	99	10/2	1.0	41
KANSAS AES	KS4404RR	69.1	--	72.9	--	--	97	--	92	10/5	1.0	45
KRUGER	K-333RR/SCN	69.9	69.8	78.7	69.9	72.8	98	101	99	10/2	1.0	43
KRUGER	K-340RR/SCN	69.7	--	--	--	--	98	--	--	10/3	1.0	40
KRUGER	K-341RR/SCN	69.2	63.6	79.6	66.4	70.8	97	92	100	10/2	1.0	42
KRUGER	K-348RR/SCN	69.9	--	--	--	--	98	--	--	10/1	1.0	44
KRUGER	K-363RR/SCN	70.3	70.2	--	70.3	--	99	101	--	10/3	1.0	41
KRUGER	K-382RR/SCN	68.6	--	--	--	--	97	--	--	10/4	1.0	43
KRUGER	K-384RR/SCN	70.0	--	--	--	--	99	--	--	10/5	1.0	45
KRUGER	K-389RR/SCN	68.0	69.4	77.5	68.7	71.6	96	100	98	10/4	1.0	45
KRUGER	K-410RR/SCN	69.8	67.3	--	68.6	--	98	97	--	10/5	1.0	44
KRUGER	KY3717RN	69.8	--	--	--	--	98	--	--	10/4	1.0	44
MIDLAND-PHILLIPS	346NRR	68.8	69.8	82.3	69.3	73.6	97	101	104	10/3	1.0	47

Table 13. Scandia, Republic Co. Irrigated Roundup®-resistant Soybean Performance Test, 2005-2007 - continued.

BRAND	NAME	ACRE YIELD, BUSHELS					YIELD AS % OF TEST AVERAGE			2007		
		2007	2006	2005	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
MIDLAND-PHILLIPS	366NRS	68.8	69.1	79.7	69.0	72.5	97	100	100	10/3	1.0	45
MIDLAND-PHILLIPS	376NRR	78.8	69.2	--	74.0	--	111	100	--	10/3	1.0	43
MIDLAND-PHILLIPS	385NRS	69.1	71.8	79.6	70.5	73.5	97	104	100	10/4	1.0	41
MIDLAND-PHILLIPS	417 NRS	69.6	--	--	--	--	98	--	--	10/6	1.0	44
NK	S28-B4	73.4	--	--	--	--	103	--	--	9/29	1.0	40
NK	S33-T4	72.9	--	--	--	--	103	--	--	10/2	1.0	42
NK	S36-B6	74.6	--	--	--	--	105	--	--	10/3	1.0	42
NK	S37-F7	69.3	--	--	--	--	98	--	--	10/3	1.0	40
NK	S37-P5	73.8	--	--	--	--	104	--	--	10/3	1.0	44
NK	S38-D5	71.6	--	--	--	--	101	--	--	10/5	1.0	41
NK	S39-A3	70.5	--	--	--	--	99	--	--	10/5	1.0	46
OHLDE	O-3334NRR	76.1	71.2	79.1	73.7	75.5	107	103	100	10/2	1.0	43
OHLDE	O-3532	71.2	71.9	--	71.6	--	100	104	--	10/2	1.0	41
OHLDE	X-3242	70.6	--	--	--	--	99	--	--	10/2	1.0	38
OHLDE	X-3696	70.8	--	--	--	--	100	--	--	10/3	1.0	43
RENZE	R3797RRcn	69.7	69.7	--	69.7	--	98	101	--	10/4	1.0	45
RENZE	R3835SRcn	71.8	66.7	--	69.3	--	101	96	--	10/3	1.0	45
RENZE	R4038SRcn	69.4	--	--	--	--	98	--	--	10/6	1.0	44
RENZE	R4638SRcn	68.4	--	--	--	--	96	--	--	10/4	1.0	41
TAYLOR	353RR	70.2	70.2	85.4	70.2	75.3	99	101	107	10/3	1.0	45
	AVERAGES	71.0	69.3	79.4								
	CV (%)	2.6	3.6	2.8								
	LSD (0.10)	2.5	3.3	3.1								

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 --, 1.9% OM; P test: --, K test: --
 0-0-0 lbs N-P-K fertilizer

	April	May	June	July	Aug.	Sept.	Total
Rainfall:	3.9	9.0	4.2	3.5	2.8	0.9	24.3

Soybean was planted into a moist seedbed; stands were good. Rainfall was well above normal in April and May but below normal in June. Mean temperatures were also below normal in June. In July, average temperatures were 2.5°F below normal. Warmer conditions prevailed in August and September, with mean temperatures 2.8 and 1.4°F above normal. The hottest temperatures of the summer occurred from August 7 to 15, during which 5 days had temperatures above 100°F. Although August had 1.13 inches less rainfall than normal, the summer was favorable for soybean, with better than average conditions overall. No significant insect or disease problems observed.

Planted 6/11/2007 at 8 seeds/ft; harvested 10/10/2007; 30 ft. by 2-row plot; pesticides: 32 oz/a Roundup Orig Max + 2 oz/a 2,4 D LVE 6 EC + 2 oz/a Clarity 4L ppi; 2 qt/a Roundup WeatherMax® + 1 pt/a Dual II Magnum ; Postemergence 1 qt/a Cornerstone Plus

Table 14. Hesston, Harvey Co. Roundup®-resistant Soybean Performance Test, 2005-2007.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2007		
		2007	2006	2005	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
ADVANCED GENETICS	AG3833NRS	26.2	45.4	45.2	35.8	38.9	81	121	113	9/23	1.0	29
ADVANCED GENETICS	AG4040NRR	26.8	39.0	35.7	32.9	33.8	83	104	90	9/25	1.0	36
ADVANCED GENETICS	AG4150NRS	41.4	--	--	--	--	128	--	--	9/30	1.0	30
ADVANCED GENETICS	AG4222NRS	27.9	--	--	--	--	86	--	--	10/2	1.0	29
ASGROW	AG3504	35.1	--	--	--	--	109	--	--	9/22	1.0	30
ASGROW	AG3705	25.5	--	--	--	--	79	--	--	9/25	1.0	29
ASGROW	AG3803	30.9	--	--	--	--	96	--	--	9/27	1.0	32
ASGROW	AG3905	35.8	40.5	35.5	38.2	37.3	111	108	89	9/30	1.0	32
ASGROW	AG4103	25.0	42.3	--	33.7	--	77	113	--	9/28	1.0	31
ASGROW	AG4404	24.5	28.6	37.6	26.6	30.2	76	76	94	10/1	1.0	32
ASGROW	DKB42-51	25.9	33.7	--	29.8	--	80	90	--	9/30	1.0	32
CROPLAN GENETICS	RC3624	21.5	44.6	--	33.1	--	67	119	--	9/23	1.0	31
CROPLAN GENETICS	RC3864	31.9	42.0	--	37.0	--	99	112	--	9/23	1.0	27
CROPLAN GENETICS	RC4104	30.8	--	--	--	--	95	--	--	9/28	1.0	32
DYNA-GRO	31Y38	45.0	43.7	40.0	44.4	42.9	139	117	100	9/24	1.0	29
DYNA-GRO	32C38	34.5	45.7	42.3	40.1	40.8	107	122	106	9/23	1.0	29
DYNA-GRO	32X39	35.4	--	--	--	--	110	--	--	9/26	1.0	28
DYNA-GRO	33A40	33.4	--	--	--	--	103	--	--	9/28	1.0	31
DYNA-GRO	35D44	42.4	--	--	--	--	131	--	--	10/1	1.0	33
DYNA-GRO	35F37	33.6	--	--	--	--	104	--	--	9/27	1.0	31
DYNA-GRO	35G38	23.9	38.6	--	31.3	--	74	103	--	9/22	1.0	29
DYNA-GRO	37A44	23.7	--	--	--	--	73	--	--	10/2	1.0	36
DYNA-GRO	38C42	30.4	33.6	--	32.0	--	94	90	--	10/1	1.0	28
DYNA-GRO	DG 3362NRR	34.9	36.4	--	35.7	--	108	97	--	9/27	1.0	27
DYNA-GRO	SXO6136	33.6	--	--	--	--	104	--	--	9/23	1.0	29
FONTANELLE	9488NRS	31.7	--	--	--	--	98	--	--	9/25	1.0	28
FONTANELLE	9633NRR	37.6	--	--	--	--	116	--	--	9/22	1.0	26
FONTANELLE	9680NRR	36.7	--	--	--	--	114	--	--	9/22	1.0	28
KANSAS AES	KS3406RR	40.8	39.0	--	39.9	--	126	104	--	9/22	1.0	30
KANSAS AES	KS4404RR	37.1	34.5	40.3	35.8	37.3	115	92	101	10/1	1.0	29
KRUGER	K-382RR/SCN	30.6	--	--	--	--	95	--	--	9/22	1.0	29
KRUGER	K-384RR/SCN	32.8	--	--	--	--	102	--	--	9/26	1.0	31
KRUGER	K-389RR/SCN	29.1	--	--	--	--	90	--	--	9/23	1.0	27
KRUGER	K-410RR/SCN	42.7	--	--	--	--	132	--	--	9/29	1.0	32
KRUGER	K-433RR/SCN	28.7	--	--	--	--	89	--	--	10/2	1.0	34
KRUGER	K-476RR/SCN	41.6	--	--	--	--	129	--	--	10/6	1.0	28
KRUGER	K-478RR/SCN	33.4	--	--	--	--	103	--	--	9/30	1.0	35
KRUGER	KY3717RN	27.9	--	--	--	--	86	--	--	9/24	1.0	30
MIDLAND	MG 3738NRR	41.1	--	--	--	--	127	--	--	9/25	1.0	32
MIDLAND	MG 3788NRR	33.1	--	--	--	--	102	--	--	9/26	1.0	33
MIDLAND	MG 3806RR	35.6	45.1	39.0	40.4	39.9	110	121	98	9/23	1.0	29
MIDLAND	MG 3948NRR	27.9	--	--	--	--	86	--	--	9/27	1.0	28
MIDLAND	MG 3958NRS	42.9	--	--	--	--	133	--	--	9/28	1.0	28
MIDLAND	MG 4157NRS	35.9	--	--	--	--	111	--	--	10/1	1.0	31
MIDLAND	MG 4506NRR	24.6	28.9	41.8	26.8	31.8	76	77	105	10/2	1.0	36
MIDLAND	MG 4806NRS	35.9	35.9	40.5	35.9	37.4	111	96	102	10/4	1.0	31
MIDLAND	MG 9A385NRS	30.6	47.2	41.8	38.9	39.9	95	126	105	9/25	1.0	28
MIDLAND	MG 9A432NRS	29.5	33.3	40.7	31.4	34.5	91	89	102	10/2	1.0	32
MIDWEST SEED	GR3832	24.7	42.0	--	33.4	--	76	112	--	9/24	1.0	28

Table 14. Hesston, Harvey Co. Roundup®-resistant Soybean Performance Test, 2005-2007 - continued.

BRAND	NAME	ACRE YIELD, BUSHELS					YIELD AS % OF TEST AVERAGE			2007		
		2007	2006	2005	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
NC+	3A79RR	42.9	47.4	--	45.2	--	133	127	--	9/23	1.0	28
NC+	3A85RS	27.1	42.0	--	34.6	--	84	112	--	9/23	1.0	29
NK	S39-A3	33.3	--	--	--	--	103	--	--	9/24	1.0	31
OHLDE	O-4292	28.3	33.2	42.6	30.8	34.7	88	89	107	10/2	1.0	31
OHLDE	O-4595	26.4	--	--	--	--	82	--	--	10/1	1.0	36
OHLDE	X-3721	29.5	--	--	--	--	91	--	--	9/26	1.0	34
OHLDE	X-3927	38.5	--	--	--	--	119	--	--	9/26	1.0	35
PHILLIPS	376NRR	32.8	--	--	--	--	102	--	--	9/23	1.0	28
PHILLIPS	385NRS	22.8	44.3	40.8	33.6	36.0	71	118	102	9/24	1.0	29
PHILLIPS	417 NRS	31.1	--	--	--	--	96	--	--	9/30	1.0	26
TAYLOR	398RRS	31.5	--	--	--	--	98	--	--	9/24	1.0	28
	AVERAGES	32.3	37.4	39.8								
	CV (%)	11.9	13.1	9.6								
	LSD (0.10)	4.5	5.7	4.5								

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 --, --% OM; P test: --, K test: -- Wet conditions in May delayed planting until June.
10-35-0 lbs N-P-K fertilizer

	April	May	June	July	Aug.	Sept.	Total
Rainfall:	2.9	10.4	7.3	0.9	2.4	2.6	26.5

Irrigation: na

Planted 6/5/2007 at 8 seeds/ft; harvested 10/11/2007; 30 ft. by 2-row plot; pesticides: 1 application of Roundup

Table 15. Hutchinson, Reno Co. Irrigated Roundup®-resistant Soybean Performance Test, 2005-2007.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2007		
		2007	2006	2005	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
ADVANCED GENETICS	AG3833NRS	56.6	86.5	44.9	71.6	62.7	104	116	108	9/26	1.0	33
ADVANCED GENETICS	AG4150NRS	57.0	--	--	--	--	104	--	--	9/29	1.0	36
ADVANCED GENETICS	AG4222NRS	55.9	--	--	--	--	102	--	--	9/28	1.0	30
ASGROW	AG3602	52.3	74.9	38.5	63.6	55.2	96	101	93	9/17	1.0	34
ASGROW	AG3705	52.0	72.0	--	62.0	--	95	97	--	9/23	1.0	34
ASGROW	AG3803	63.0	--	--	--	--	115	--	--	9/25	1.0	35
ASGROW	AG3905	39.7	--	--	--	--	73	--	--	9/26	1.0	34
ASGROW	AG4103	54.9	71.4	--	63.2	--	101	96	--	9/26	1.0	38
ASGROW	AG4404	53.3	67.9	47.1	60.6	56.1	98	91	113	9/29	1.0	38
ASGROW	DKB42-51	54.9	--	44.0	--	--	101	--	106	10/4	1.0	36
CROPLAN GENETICS	RC3864	59.0	--	--	--	--	108	--	--	9/27	1.0	32
CROPLAN GENETICS	RC4455	61.8	76.8	--	69.3	--	113	103	--	10/5	1.0	42
CROPLAN GENETICS	RT3836	59.2	--	--	--	--	108	--	--	9/26	1.0	32
DYNA-GRO	32X39	52.5	--	--	--	--	96	--	--	9/26	1.0	34
DYNA-GRO	33A40	55.0	--	--	--	--	101	--	--	9/30	1.0	37
DYNA-GRO	35D44	52.5	--	--	--	--	96	--	--	9/29	1.0	39
DYNA-GRO	35G38	51.2	71.7	--	61.5	--	94	97	--	9/25	1.0	32
DYNA-GRO	36Y48	52.7	--	--	--	--	97	--	--	10/6	1.0	40
DYNA-GRO	37A44	54.4	--	--	--	--	100	--	--	10/4	1.0	43
DYNA-GRO	38C42	59.2	81.7	--	70.5	--	108	110	--	9/25	1.0	32
DYNA-GRO	DG 3390NRR	50.5	72.9	--	61.7	--	92	98	--	9/15	1.0	30
DYNA-GRO	SXO6136	49.9	--	--	--	--	91	--	--	9/23	1.0	33
FONTANELLE	9488NRS	58.6	--	--	--	--	107	--	--	9/26	1.0	32
FONTANELLE	9633NRR	55.8	--	--	--	--	102	--	--	9/14	1.0	29
FONTANELLE	9680NRR	57.3	--	--	--	--	105	--	--	9/27	1.0	35
KANSAS AES	KS3406RR	51.4	77.0	--	64.2	--	94	104	--	9/24	1.0	35
KANSAS AES	KS4404RR	53.0	71.7	45.8	62.4	56.8	97	97	110	9/27	1.0	37
KRUGER	K-382RR/SCN	56.8	--	--	--	--	104	--	--	9/21	1.0	32
KRUGER	K-384RR/SCN	52.4	--	--	--	--	96	--	--	9/24	1.0	35
KRUGER	K-389RR/SCN	58.7	--	--	--	--	108	--	--	9/27	1.0	33
KRUGER	K-410RR/SCN	51.5	--	--	--	--	94	--	--	9/28	1.0	36
KRUGER	K-433RR/SCN	56.0	--	--	--	--	103	--	--	9/29	1.0	43
KRUGER	K-476RR/SCN	56.8	--	--	--	--	104	--	--	10/4	1.0	34
KRUGER	K-478RR/SCN	52.6	--	--	--	--	96	--	--	10/1	1.0	39
KRUGER	KY3717RN	55.2	--	--	--	--	101	--	--	9/21	1.0	34
MIDLAND	MG 3738NRR	53.6	--	--	--	--	98	--	--	9/17	1.0	34
MIDLAND	MG 3788NRR	48.2	--	--	--	--	88	--	--	9/21	1.0	31
MIDLAND	MG 3806RR	53.7	78.9	35.0	66.3	55.9	98	106	84	9/18	1.0	31
MIDLAND	MG 3948NRR	54.2	--	--	--	--	99	--	--	9/23	1.0	34
MIDLAND	MG 3958NRS	51.4	--	--	--	--	94	--	--	9/27	1.0	33
MIDLAND	MG 4157NRS	55.2	--	--	--	--	101	--	--	9/30	1.0	36
MIDLAND	MG 4506NRR	56.1	68.7	47.0	62.4	57.3	103	92	113	10/4	1.0	44
MIDLAND	MG 4806NRS	56.8	68.8	46.7	62.8	57.4	104	93	112	10/5	1.0	43
MIDLAND	MG 9A385NRS	61.1	89.3	43.7	75.2	64.7	112	120	105	9/27	1.0	34
MIDLAND	MG 9A432NRS	56.0	74.9	49.5	65.5	60.1	103	101	119	9/30	1.0	39
MIDWEST SEED	GR3832	55.8	82.7	--	69.3	--	102	111	--	9/28	1.0	32
MIDWEST SEED	GR3934	58.6	--	--	--	--	107	--	--	9/25	1.0	34
NC+	3A79RR	56.2	78.8	--	67.5	--	103	106	--	9/25	1.0	32
NC+	3A85RS	58.1	83.4	--	70.8	--	106	112	--	9/23	1.0	32
NK	S37-F7	55.3	--	--	--	--	101	--	--	9/19	1.0	33
NK	S38-D5	51.4	--	--	--	--	94	--	--	9/26	1.0	31
NK	S39-A3	55.7	--	--	--	--	102	--	--	9/25	1.0	34
OHLDE	O-3334NRR	52.8	82.5	--	67.7	--	97	111	--	9/21	1.0	34

Table 15. Hutchinson, Reno Co. Irrigated Roundup®-resistant Soybean Performance Test, 2005-2007 - continued.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2007		
		2007	2006	2005	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
OHLDE	O-3727NRS	60.1	--	37.7	--	--	110	--	91	9/26	1.0	31
OHLDE	O-4292	57.9	77.9	52.2	67.9	62.7	106	105	125	9/30	1.0	36
OHLDE	O-4595	56.4	--	--	--	--	103	--	--	10/5	1.0	43
OHLDE	X-3696	44.4	--	--	--	--	81	--	--	9/28	1.0	34
OHLDE	X-3927	40.6	--	--	--	--	74	--	--	9/21	1.0	40
OHLDE	X-3997	53.7	--	--	--	--	98	--	--	9/25	1.0	33
PHILLIPS	376NRR	54.1	77.6	--	65.9	--	99	104	--	9/27	1.0	31
PHILLIPS	385NRS	58.2	85.6	37.3	71.9	60.4	107	115	90	9/25	1.0	32
PHILLIPS	417 NRS	54.5	--	--	--	--	100	--	--	9/30	1.0	34
PHILLIPS	432NRS	55.6	73.6	44.9	64.6	58.0	102	99	108	10/4	1.0	35
TAYLOR	398RRS	56.7	--	--	--	--	104	--	--	9/23	1.0	33
	AVERAGES	54.6	74.3	41.6								
	CV (%)	11.5	8.3	12.5								
	LSD (0.10)	7.3	7.2	7.1								

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 --, 1.6% OM; P test: --, K test: --

50-40-0 lbs N-P-K fertilizer

April May June July Aug. Sept. Total

Rainfall: 3.5 1.2 1.6 2.7 3.3 1.0 13.2

Irrigation: 4.2 2.0 1.0 7.25

Planted 5/16/2007 at 9 seeds/ft; harvested 9/26/2007; 20 ft. by 2-row plot; pesticides: 2 applications of Roundup on 6/11 and 7/5

Table 16. Colby, Thomas Co. Irrigated Roundup®-resistant Soybean Performance Test, 2005-2007.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2007		
		2007	2006	2005	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2005	Mat	Lodge score	Ht (in)
ASGROW	AG3005	75.2	66.3	76.1	70.8	72.5	99	109	112	9/15	1.7	35
ASGROW	AG3402	77.5	--	--	--	--	102	--	--	9/18	1.7	37
ASGROW	AG3504	81.9	--	--	--	--	108	--	--	9/17	1.0	38
ASGROW	AG3602	83.4	--	--	--	--	110	--	--	9/17	1.7	38
DYNA-GRO	35D33	77.1	67.3	76.6	72.2	73.7	102	111	113	9/18	1.8	37
DYNA-GRO	35G38	74.4	--	--	--	--	98	--	--	9/18	1.1	34
DYNA-GRO	36C28	73.0	54.3	--	63.7	--	96	90	--	9/13	1.2	33
DYNA-GRO	37J34	71.4	--	--	--	--	94	--	--	9/17	1.0	35
DYNA-GRO	37K32	73.9	63.4	--	68.7	--	97	105	--	9/15	1.0	35
DYNA-GRO	38B31	71.1	--	--	--	--	94	--	--	9/14	1.1	30
DYNA-GRO	38R33	76.1	--	--	--	--	100	--	--	9/16	1.1	36
DYNA-GRO	SXO6136	72.8	--	--	--	--	96	--	--	9/19	1.6	34
KANSAS AES	KS3406RR	74.0	60.1	--	67.1	--	98	99	--	9/17	1.4	34
KANSAS AES	KS4404RR	73.2	--	61.2	--	--	97	--	90	9/23	1.9	39
MIDLAND	MG 9A385NRS	82.3	--	--	--	--	109	--	--	9/22	1.5	36
NK	S28-B4	77.4	--	--	--	--	102	--	--	9/11	1.5	33
NK	S32-G5	68.7	--	--	--	--	91	--	--	9/15	1.2	34
NK	S36-B6	81.1	--	--	--	--	107	--	--	9/19	1.6	36
OHLDE	O-3334NRR	75.2	72.7	77.8	74.0	75.2	99	120	115	9/20	1.7	38
	AVERAGES	75.8	60.6	67.7								
	CV (%)	7.5	11.5	6.1								
	LSD (0.10)	6.7	8.2	4.8								

Values in bold are in the upper LSD group.

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

Keith silt loam, pH --, 2.1% OM; P test: --, K test: --

Good moisture at planting. Wet early spring, dry later; temperatures near normal. Cool temperatures early in summer and hot, humid, and dry later in June and early July. Continued very hot in July and most of August with little rainfall. Beneficial rainfall received the end of August.

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

	April	May	June	July	Aug.	Sept.	Total
Rainfall:	2.9	1.2	2.5	1.7	2.6	1.8	12.7
Irrigation:				1.6	6.8		8.4

Planted 5/25/2007 at 10 seeds/ft; harvested 10/5/2007; 21 ft. by 2-row plot; pesticides: na

Table 17. Garden City, Finney Co. Irrigated Roundup®-resistant Soybean Performance Test, 2004-2007.

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2007		
		2007	2006	2004	2-Yr. AVG.	3-Yr. AVG.	2007	2006	2004	Mat	Lodge score	Ht (in)
ASGROW	AG3705	46.7	61.4	--	54.1	--	81	101	--	9/21	2.0	33
ASGROW	AG3803	63.8	--	--	--	--	110	--	--	9/21	1.3	34
ASGROW	AG3906	54.8	61.0	48.3	57.9	54.7	95	101	103	9/24	1.6	34
ASGROW	DKB42-51	60.2	--	--	--	--	104	--	--	9/29	1.1	36
CROPLAN GENETICS	RC3864	58.9	63.1	--	61.0	--	102	104	--	9/22	1.2	32
DRUSSEL SEED	DSS 3730RR	60.4	--	--	--	--	105	--	--	9/21	1.0	33
DRUSSEL SEED	DSS 3844RR	53.9	--	--	--	--	93	--	--	9/27	1.8	31
DYNA-GRO	31Y38	62.3	63.8	--	63.1	--	108	105	--	9/22	1.7	32
DYNA-GRO	32X39	52.4	--	--	--	--	91	--	--	9/22	1.4	34
DYNA-GRO	33A40	54.1	--	--	--	--	94	--	--	9/26	1.4	35
DYNA-GRO	35D44	55.1	--	--	--	--	95	--	--	9/24	1.6	38
DYNA-GRO	35F37	56.9	--	--	--	--	98	--	--	9/23	1.1	34
DYNA-GRO	35G38	55.0	53.8	--	54.4	--	95	89	--	9/22	1.2	31
DYNA-GRO	35Y36	53.9	--	--	--	--	93	--	--	9/20	1.1	33
DYNA-GRO	37A44	60.2	--	--	--	--	104	--	--	9/24	2.0	41
DYNA-GRO	37J34	57.5	--	--	--	--	99	--	--	9/19	1.7	33
DYNA-GRO	38C42	59.8	64.4	--	62.1	--	103	106	--	9/25	1.5	32
DYNA-GRO	DG 3390NRR	59.5	--	--	--	--	103	--	--	9/21	1.1	33
DYNA-GRO	DG 3399+RR	60.4	--	--	--	--	105	--	--	9/23	1.2	32
DYNA-GRO	SXO6136	53.8	--	--	--	--	93	--	--	9/21	1.0	33
KANSAS AES	KS3406RR	51.1	58.6	--	54.9	--	88	97	--	9/19	1.9	32
KANSAS AES	KS4404RR	55.4	--	53.0	--	--	96	--	113	9/22	1.9	37
MIDLAND	MG 3738NRR	64.4	--	--	--	--	111	--	--	9/21	1.7	34
MIDLAND	MG 3788NRR	55.4	--	--	--	--	96	--	--	9/21	1.1	32
MIDLAND	MG 3806RR	59.7	58.9	--	59.3	--	103	97	--	9/24	1.5	34
MIDLAND	MG 3948NRR	57.4	--	--	--	--	99	--	--	9/21	1.1	33
MIDLAND	MG 3958NRS	51.7	--	--	--	--	89	--	--	9/24	1.3	32
MIDLAND	MG 4157NRS	57.6	--	--	--	--	100	--	--	9/26	1.0	35
MIDLAND	MG 4506NRR	61.6	66.1	--	63.9	--	107	109	--	9/25	2.0	42
MIDLAND	MG 4806NRS	64.9	60.9	--	62.9	--	112	101	--	10/1	1.3	41
MIDLAND	MG 9A385NRS	58.0	69.7	44.0	63.9	57.2	100	115	94	9/23	1.1	33
MIDLAND	MG 9A432NRS	64.7	71.3	46.0	68.0	60.7	112	118	98	9/25	1.8	38
NK	S36-B6	61.2	--	--	--	--	106	--	--	9/23	1.5	32
NK	S38-D5	61.1	--	--	--	--	106	--	--	9/22	1.0	32
NK	S41-M5	61.0	60.0	--	60.5	--	106	99	--	9/23	1.9	37
PHILLIPS	385NRS	58.9	--	--	--	--	102	--	--	9/22	1.1	33
PHILLIPS	417 NRS	61.1	--	--	--	--	106	--	--	9/25	1.2	32
	AVERAGES	57.8	60.6	47.0								
	CV (%)	11.2	9.4	15.7								
	LSD (0.10)	7.6	6.7	12.0								

Values in bold are in the upper LSD group.

Table 18. Yield as a Percentage of Test Average from 2007 Tests.

BRAND/NAME	Centralia	Topeka		Ottawa	Pittsburg				McCune		Belle-ville	Scandia	Hesston	Hutch-inson	Colby	Garden City	AVG
		dryland	irrigated		MG4	DMG 4	MG 5	DMG 5	MG 4	MG 5							
ADVANCED GENETICS																	
AG3833NRS	--	122	103	--	--	--	--	--	--	--	--	--	81	104	--	--	103
AG4040NRR	--	--	--	--	--	--	--	--	--	--	--	--	83	--	--	--	83
AG4150NRS	--	121	102	--	--	--	--	--	--	--	--	--	128	104	--	--	114
AG4222NRS	--	106	108	--	--	--	--	--	--	--	--	--	86	102	--	--	101
AG4466NRR	--	--	--	95	--	118	--	--	--	--	--	--	--	--	--	--	106
AG4880NRS	--	--	--	121	--	--	64	77	--	95	--	--	--	--	--	--	89
AG5022NRS	--	--	--	100	--	--	110	102	--	99	--	--	--	--	--	--	102
AG5333NRR	--	--	--	--	--	--	86	104	--	105	--	--	--	--	--	--	98
AG5450NRS	--	--	--	--	--	--	116	107	--	103	--	--	--	--	--	--	109
ASGROW																	
AG3005	--	--	--	--	--	--	--	--	--	--	106	--	--	--	99	--	103
AG3205	--	--	--	--	--	--	--	--	--	--	102	--	--	--	--	--	102
AG3306	--	--	--	--	--	--	--	--	--	--	--	99	--	--	--	--	99
AG3402	98	--	--	--	--	--	--	--	--	--	106	107	--	--	102	--	103
AG3504	106	--	--	--	--	--	--	--	--	--	106	106	109	--	108	--	107
AG3602	98	--	--	--	--	--	--	--	--	--	101	101	--	96	110	--	101
AG3705	101	102	--	91	--	--	--	--	--	--	104	101	79	95	--	81	94
AG3803	108	111	--	98	--	--	--	--	--	--	100	99	96	115	--	110	105
AG3905	101	90	--	90	--	--	--	--	--	--	--	98	111	73	--	--	94
AG3906	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	95	95
AG4103	--	87	--	86	--	--	--	--	--	--	--	--	77	101	--	--	88
AG4403	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	100
AG4404	--	--	--	--	--	--	--	--	--	--	--	--	76	98	--	--	87
AG4405	--	98	--	90	--	--	--	--	--	--	--	--	--	--	--	--	94
AG4605	--	103	--	105	--	96	--	--	103	--	--	--	--	--	--	--	102
AG4703	--	--	--	--	--	94	--	--	112	--	--	--	--	--	--	--	103
AG4903	--	--	--	--	--	--	91	99	--	106	--	--	--	--	--	--	99
AG5301	--	--	--	--	--	--	109	99	--	99	--	--	--	--	--	--	102
AG5501	--	--	--	72	--	--	100	106	--	103	--	--	--	--	--	--	95
AG5605	--	--	--	--	--	--	112	113	--	107	--	--	--	--	--	--	111
DKB42-51	--	--	--	--	--	--	--	--	--	--	--	--	80	101	--	104	95
DKB46-51	--	98	--	85	--	119	--	--	103	--	--	--	--	--	--	--	101
CROPLAN GENETICS																	
RC3125	--	--	--	--	--	--	--	--	--	--	100	--	--	--	--	--	100
RC3624	105	--	--	--	--	--	--	--	--	--	104	--	67	--	--	--	92
RC3864	109	102	111	104	--	--	--	--	--	--	100	101	99	108	--	102	104
RC4104	96	93	--	102	--	--	--	--	--	--	--	--	95	--	--	--	96
RC4455	--	82	106	96	--	98	--	--	105	--	--	--	--	113	--	--	100
RC4955	--	--	--	--	--	--	106	107	--	97	--	--	--	--	--	--	103
RC5007	--	--	--	--	--	--	100	111	--	100	--	--	--	--	--	--	104
RT3836	101	90	87	101	--	--	--	--	--	--	--	103	--	108	--	--	98
DRUSSEL SEED																	
DSS 3730RR	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	105	105
DSS 3844RR	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	93	93

Table 18. Yield as a Percentage of Test Average from 2007 Tests - continued.

BRAND/NAME	Centralia	Topeka		Pittsburg				McCune		Belle-ville	Scandia	Hesston	Hutch-inson	Colby	Garden City	AVG
		dryland	irrigated	Ottawa	MG4	DMG 4	MG 5	DMG 5	MG 4							
DYNA-GRO																
31A48	--	--	--	--	--	--	82	--	--	--	--	--	--	--	--	82
31Y38	100	--	104	99	--	75	--	--	95	--	100	139	--	--	108	103
32C38	--	--	--	108	102	85	--	--	99	--	--	107	--	--	--	100
32X39	--	--	99	102	--	91	--	--	--	--	--	110	96	--	91	98
33A40	--	--	98	93	98	119	--	--	105	--	--	103	101	--	94	101
35D33	--	--	--	--	--	--	--	--	--	--	--	--	--	102	--	102
35D44	--	--	--	--	94	94	--	--	--	--	--	131	96	--	95	102
35F37	--	--	99	--	--	--	--	--	--	98	96	104	--	--	98	99
35G38	98	117	105	73	100	71	--	--	101	--	105	98	74	94	98	95
35Y36	--	--	93	99	--	--	--	--	96	--	98	100	--	--	--	93
36C28	--	--	93	--	--	--	--	--	--	--	--	--	--	96	--	95
36Y48	--	--	--	--	--	--	98	--	--	--	--	--	97	--	--	97
37A44	--	--	--	--	102	118	--	--	--	--	--	73	100	--	104	100
37J34	89	--	106	104	--	--	--	--	--	--	99	98	--	--	94	99
37K32	--	--	90	--	--	--	--	--	--	--	--	--	--	97	--	94
37T26	--	--	88	--	--	--	--	--	--	--	--	--	--	--	--	88
38B31	--	--	--	--	--	--	--	--	--	--	--	--	--	94	--	94
38C42	--	--	104	112	107	90	--	--	--	--	--	94	108	--	103	103
38R33	--	--	--	--	--	--	--	--	--	--	--	--	--	100	--	100
DG 32R46	--	--	--	--	100	119	--	--	--	--	--	--	--	--	--	109
DG 3362NRR	--	--	95	--	--	--	--	--	--	--	99	99	108	--	--	100
DG 3390NRR	--	--	--	--	--	--	--	--	--	--	--	--	92	--	103	98
DG 3399+RR	--	--	--	--	--	--	--	--	--	--	--	--	--	--	105	105
DG 3468NRR	--	--	--	104	--	99	--	--	--	--	--	--	--	--	--	102
SXO6136	100	76	91	90	91	79	--	--	94	--	99	100	104	91	96	93
FONTANELLE																
9488NRS	101	--	102	--	--	--	--	--	--	--	99	99	98	107	--	101
9633NRR	96	--	102	--	--	--	--	--	--	--	103	102	116	102	--	103
9680NRR	96	--	103	--	--	--	--	--	--	--	102	102	114	105	--	103
HAMON																
H-3850N	--	74	101	--	--	--	--	--	--	--	--	--	--	--	--	87
KANSAS AES																
KS3406RR	94	117	88	84	95	61	--	--	90	--	100	103	126	94	98	88
KS4404RR	99	97	97	101	95	95	--	--	91	--	100	97	115	97	97	98
KS4704RR	--	--	--	103	97	73	--	--	92	--	--	--	--	--	--	91
KS5306NRR	--	--	--	--	--	--	111	106	--	94	--	--	--	--	--	104
KS5507NRR	--	--	--	--	--	--	107	105	--	94	--	--	--	--	--	102

Table 18. Yield as a Percentage of Test Average from 2007 Tests - continued.

BRAND/NAME	Centralia	Topeka dryland	Topeka irrigated	Pittsburg				McCune		Belle-ville	Scandia	Hesston	Hutch-inson	Colby	Garden City	AVG
				Ottawa	MG4	DMG 4	MG 5	DMG 5	MG 4							
KRUGER																
K-333RR/SCN	94	--	--	--	--	--	--	--	--	101	98	--	--	--	--	98
K-340RR/SCN	99	--	104	--	--	--	--	--	--	99	98	--	--	--	--	100
K-341RR/SCN	90	--	--	--	--	--	--	--	--	92	97	--	--	--	--	93
K-348RR/SCN	95	--	--	--	--	--	--	--	--	95	98	--	--	--	--	96
K-363RR/SCN	99	96	100	96	--	--	--	--	--	96	99	--	--	--	--	98
K-382RR/SCN	98	105	92	83	--	--	--	--	--	99	97	95	104	--	--	96
K-384RR/SCN	103	88	104	104	--	--	--	--	--	100	99	102	96	--	--	99
K-389RR/SCN	102	124	110	113	--	--	--	--	--	95	96	90	108	--	--	105
K-410RR/SCN	98	63	97	100	--	--	--	--	--	99	98	132	94	--	--	98
K-433RR/SCN	105	90	109	104	--	--	--	--	--	--	--	89	103	--	--	100
K-476RR/SCN	--	109	95	120	--	--	--	--	--	--	--	129	104	--	--	111
K-478RR/SCN	--	71	92	93	--	--	--	--	--	--	--	103	96	--	--	91
KY3717RN	96	109	98	100	--	--	--	--	--	95	98	86	101	--	--	98
LEWIS																
3853	105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	105
3907	104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	104
3908	95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	95
3968	99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	99
4207	105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	105
MIDLAND																
MG 3618NRR	103	104	98	100	--	--	--	--	--	--	--	--	--	--	--	101
MG 3628NRR	102	118	94	90	--	--	--	--	--	--	--	--	--	--	--	101
MG 3738NRR	107	106	104	99	--	--	--	--	--	--	--	127	98	--	111	108
MG 3788NRR	--	--	--	--	--	--	--	--	--	--	--	102	88	--	96	96
MG 3806RR	--	--	--	--	--	--	--	--	--	--	--	110	98	--	103	104
MG 3948NRR	98	108	114	82	--	--	--	--	--	--	--	86	99	--	99	98
MG 3958NRS	100	100	90	100	--	--	--	--	--	--	--	133	94	--	89	101
MG 4157NRS	100	117	100	107	--	--	--	--	--	--	--	111	101	--	100	105
MG 4477NRR	--	100	105	93	--	101	--	--	--	--	--	--	--	--	--	100
MG 4506NRR	--	84	98	92	--	102	--	--	--	--	--	76	103	--	107	94
MG 4768NRR	--	--	--	96	--	123	--	--	--	--	--	--	--	--	--	110
MG 4806NRS	--	--	--	116	--	--	84	92	--	100	--	111	104	--	112	103
MG 4878RR	--	--	--	117	--	--	106	--	--	--	--	--	--	--	--	112
MG 5197NRS	--	--	--	--	--	--	113	--	--	--	--	--	--	--	--	113
MG 9A385NRS	103	99	109	102	--	--	--	--	--	--	--	95	112	109	100	104
MG 9A432NRS	--	--	--	97	--	98	--	--	--	--	--	91	103	--	112	100
MG 9B395NRR	101	95	91	97	--	--	--	--	--	--	--	--	--	--	--	96
MIDLAND-PHILLIPS																
346NRR	--	--	--	--	--	--	--	--	--	97	97	--	--	--	--	97
366NRS	--	--	--	--	--	--	--	--	--	96	97	--	--	--	--	96
376NRR	--	--	--	--	--	--	--	--	--	94	111	--	--	--	--	103
385NRS	--	--	--	--	--	--	--	--	--	99	97	--	--	--	--	98
417 NRS	--	--	--	--	--	--	--	--	--	100	98	--	--	--	--	99

Table 18. Yield as a Percentage of Test Average from 2007 Tests - continued.

BRAND/NAME	Centralia	Topeka		Ottawa	Pittsburg				McCune		Belle-ville	Scandia	Hesston	Hutch-inson	Colby	Garden City	AVG
		dryland	irrigated		MG4	DMG 4	MG 5	DMG 5	MG 4	MG 5							
MIDWEST SEED																	
GR3631	90	--	102	--	--	--	--	--	--	--	--	--	--	--	--	--	96
GR3832	--	106	112	--	--	--	--	--	--	--	--	--	76	102	--	--	99
GR3934	--	80	99	94	--	--	--	--	--	--	--	--	--	107	--	--	95
GR4455	--	--	--	105	--	94	--	--	--	--	--	--	--	--	--	--	99
GR4531	--	--	--	97	106	109	--	--	107	--	--	--	--	--	--	--	105
GR4831	--	--	--	--	--	--	83	--	--	--	--	--	--	--	--	--	83
GR5331	--	--	--	--	--	--	107	--	--	--	--	--	--	--	--	--	107
GRX47-01-7	--	--	--	98	101	130	--	--	111	--	--	--	--	--	--	--	110
MORSOY																	
RT 4126N	--	--	--	110	--	--	--	--	--	--	--	--	--	--	--	--	110
RT 4446N	--	--	--	91	--	--	--	--	--	--	--	--	--	--	--	--	91
RT 4485N	--	--	--	106	--	98	--	--	--	--	--	--	--	--	--	--	102
RT 4731N	--	--	--	--	--	120	--	--	--	--	--	--	--	--	--	--	120
RT 5154N	--	--	--	--	--	--	91	--	--	--	--	--	--	--	--	--	91
RTS 4824	--	--	--	117	--	--	84	--	--	--	--	--	--	--	--	--	101
RTS 5166N	--	--	--	--	--	--	92	--	--	--	--	--	--	--	--	--	92
M-PRIDE																	
MPV3808NRR	--	--	--	99	--	--	--	--	--	--	--	--	--	--	--	--	99
MPV4406NRR	--	--	--	109	--	--	--	--	--	--	--	--	--	--	--	--	109
MPV4707NRR/ST	--	--	--	115	--	--	--	--	--	--	--	--	--	--	--	--	115
MPV4905NRR	--	--	--	--	--	--	66	--	--	--	--	--	--	--	--	--	66
MPV5407NRR	--	--	--	--	--	--	113	--	--	--	--	--	--	--	--	--	113
MPV5505NRR	--	--	--	--	--	--	99	--	--	--	--	--	--	--	--	--	99
NC+																	
3A79RR	--	102	98	--	--	--	--	--	--	--	99	--	133	103	--	--	107
3A85RS	103	108	104	--	--	--	--	--	--	--	103	--	84	106	--	--	101
4A42RS	--	--	--	104	--	108	--	--	--	--	--	--	--	--	--	--	106
4A81RS	--	--	--	119	--	--	90	90	--	100	--	--	--	--	--	--	100
5A31RS	--	--	--	--	--	--	111	93	--	101	--	--	--	--	--	--	102
NK																	
S28-B4	--	--	--	--	--	--	--	--	--	--	99	103	--	--	102	--	101
S32-G5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	91	--	91
S33-T4	--	--	--	--	--	--	--	--	--	--	102	103	--	--	--	--	103
S36-B6	104	115	84	--	--	--	--	--	--	--	104	105	--	--	107	106	104
S37-F7	98	103	109	102	--	--	--	--	--	--	102	98	--	101	--	--	102
S37-P5	97	109	104	96	--	--	--	--	--	--	106	104	--	--	--	--	103
S38-D5	94	108	96	80	--	--	--	--	--	--	100	101	--	94	--	106	97
S39-A3	105	94	101	102	--	--	--	--	--	--	103	99	103	102	--	--	101
S41-M5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	106	106
S46-U6	--	--	--	104	109	124	--	--	96	--	--	--	--	--	--	--	108
S49-Q9	--	--	--	109	--	--	89	97	--	101	--	--	--	--	--	--	99
S52-U3	--	--	--	--	--	--	106	91	--	95	--	--	--	--	--	--	97
S57-P1	--	--	--	--	--	--	116	111	--	94	--	--	--	--	--	--	107

Table 18. Yield as a Percentage of Test Average from 2007 Tests - continued.

BRAND/NAME	Centralia	Topeka	Topeka	Pittsburg				McCune		Belle-ville	Scandia	Hesston	Hutch-inson	Colby	Garden City	AVG
		dryland	irrigated	Ottawa	MG4	DMG 4	MG 5	DMG 5	MG 4							
NuTech/AgSource																
NT-3777RR	--	112	--	--	--	--	--	--	--	101	--	--	--	--	--	106
NT-3888RRSCN	94	105	107	--	--	--	--	--	--	98	--	--	--	--	--	101
NT-3909RR/SCN	106	113	119	--	--	--	--	--	--	97	--	--	--	--	--	108
NT-4041RR/SCN	98	--	--	--	--	--	--	--	--	99	--	--	--	--	--	98
NT-4444+RR/SCN107		96	111	--	--	--	--	--	--	--	--	--	--	--	--	105
NT-7345	--	--	--	--	--	--	--	--	--	101	--	--	--	--	--	101
NT-7366	92	83	102	--	--	--	--	--	--	95	--	--	--	--	--	93
NT-7368	95	116	--	--	--	--	--	--	--	99	--	--	--	--	--	103
NT-7388	--	--	--	--	--	--	--	--	--	99	--	--	--	--	--	99
NT-7399	97	101	86	--	--	--	--	--	--	103	--	--	--	--	--	97
NT-7406	105	103	112	--	--	--	--	--	--	100	--	--	--	--	--	105
NT-7417	99	98	--	--	--	--	--	--	--	--	--	--	--	--	--	99
NT-7438	--	--	100	--	--	--	--	--	--	--	--	--	--	--	--	100
NT-7443	108	--	99	--	--	--	--	--	--	--	--	--	--	--	--	104
OHLDE																
O-3334NRR	106	--	--	81	--	--	--	--	--	102	107	--	97	99	--	99
O-3532	94	--	--	--	--	--	--	--	--	--	100	--	--	--	--	97
O-3595	100	--	--	--	--	--	--	--	--	104	--	--	--	--	--	102
O-3727NRS	101	114	107	--	--	--	--	--	--	--	--	--	110	--	--	108
O-4292	--	89	--	102	--	--	--	--	--	--	--	88	106	--	--	96
O-4595	--	91	--	99	--	--	--	--	--	--	--	82	103	--	--	94
X-3242	--	--	--	--	--	--	--	--	--	--	99	--	--	--	--	99
X-3696	99	--	91	--	--	--	--	--	--	--	100	--	81	--	--	93
X-3721	--	87	--	--	--	--	--	--	--	96	--	91	--	--	--	92
X-3927	99	--	86	--	--	--	--	--	--	102	--	119	74	--	--	96
X-3997	--	--	--	--	--	--	--	--	--	106	--	--	98	--	--	102
PHILLIPS																
376NRR	--	106	108	96	--	--	--	--	--	--	--	102	99	--	--	102
385NRS	--	102	113	102	--	--	--	--	--	--	--	71	107	--	102	99
417 NRS	--	91	111	98	--	--	--	--	--	--	--	96	100	--	106	100
418 NRS	--	97	108	--	--	--	--	--	--	--	--	--	--	--	--	103
432NRS	--	--	85	--	--	--	--	--	--	--	--	--	102	--	--	93
PIONEER BRAND																
94M80	--	--	--	--	--	--	94	91	--	102	--	--	--	--	--	96
95M30	--	--	--	--	--	--	114	107	--	101	--	--	--	--	--	107
95M50	--	--	--	--	--	--	115	107	--	103	--	--	--	--	--	108
PRAIRIE BRAND																
PB-3637NRR	97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	97
PB-3796NRR	96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	96
PB-3894NRRSTS	104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	104
PB-4157NRRSTS	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	100

Table 18. Yield as a Percentage of Test Average from 2007 Tests - continued.

BRAND/NAME	Centralia	Topeka		Ottawa	Pittsburg				McCune		Belle-ville	Scandia	Hesston	Hutch-inson	Colby	Garden City	AVG
		dryland	irrigated		MG4	DMG 4	MG 5	DMG 5	MG 4	MG 5							
RENZE																	
R3797RRcn	--	105	--	--	--	--	--	--	--	--	--	98	--	--	--	--	101
R3835SRcn	105	102	101	102	--	--	--	--	--	--	97	101	--	--	--	--	101
R4038SRcn	107	116	99	94	103	--	--	--	101	--	96	98	--	--	--	--	102
R4638SRcn	98	--	92	117	--	--	--	--	--	--	--	96	--	--	--	--	101
R4836SRcn	--	103	--	124	--	--	93	84	--	100	--	--	--	--	--	--	101
TAYLOR																	
353RR	--	107	94	--	--	--	--	--	--	--	102	99	--	--	--	--	100
387RR	97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	97
398RRS	108	--	108	--	--	--	--	--	--	--	--	--	98	104	--	--	104
445RR	--	95	--	101	--	--	--	--	--	--	--	--	--	--	--	--	98
487RRS	--	--	--	125	--	--	--	--	--	--	--	--	--	--	--	--	125
EXP3770RR	98	--	92	--	--	--	--	--	--	--	--	--	--	--	--	--	95
WILLCROSS																	
RR2367RN	97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	97
RR2378N	105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	105
RR2385NSTS	104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	104
RR2386	100	112	--	105	--	--	--	--	--	--	--	--	--	--	--	--	106
RR2397N	--	88	--	106	--	--	--	--	--	--	--	--	--	--	--	--	97
RR2446N	--	94	--	104	--	--	--	--	--	--	--	--	--	--	--	--	99
RR2460NB	--	87	--	99	--	--	--	--	--	--	--	--	--	--	--	--	93
RR2460NS	--	97	--	102	--	--	--	--	--	--	--	--	--	--	--	--	99
RR2484N	--	88	--	94	--	--	--	--	--	--	--	--	--	--	--	--	91
RR2499N	--	--	--	107	--	--	--	--	--	--	--	--	--	--	--	--	107
RR2509N	--	--	--	--	--	--	113	--	--	--	--	--	--	--	--	--	113
RR2519NSTS	--	--	--	--	--	--	107	--	--	--	--	--	--	--	--	--	107
RR2544NSTS	--	--	--	--	--	--	99	--	--	--	--	--	--	--	--	--	99
RR2547N	--	--	--	--	--	--	120	--	--	--	--	--	--	--	--	--	120

Table 19. Description of Entries in 2007 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	PI88.788	Rps1c	4.0	STS
ADVANCED GENETICS	AG4040NRR	4.0	P	lb	--	MR	--	--	--	--	4.0	--
ADVANCED GENETICS	AG4150NRS	4.1	W	Bl	--	R	--	MR	PI88788	--	3.0	STS
ADVANCED GENETICS	AG4222NRS	4.2	W	Bl	--	R	--	MR	PI88788	--	3.0	STS
ADVANCED GENETICS	AG4466NRR	4.4	P	Lb	--	R	--	MR	PI88788	Rps1a	3.0	--
ADVANCED GENETICS	AG4880NRS	4.8	P	Bl	--	--	MR	--	--	Rps1a	4.0	STS
ADVANCED GENETICS	AG5022NRS	5.0	P	Lb	--	R	--	MR	PI88788	--	4.0	STS
ADVANCED GENETICS	AG5333NRR	5.3	W	Bf	--	R	--	MR	PI88788	--	3.0	--
ADVANCED GENETICS	AG5450NRS	5.4	W	Bf	--	MR	--	R	--	Rpslc	3.0	STS
ASGROW	AG3005	3.0	P	lb	S	S	S	S	--	Rps1c	5.0	--
ASGROW	AG3205	3.2	P	lb	--	MR	--	--	--	Rps1c	7.0	--
ASGROW	AG3306	3.3	P	lb	--	MR	--	--	--	--	5.0	--
ASGROW	AG3402	3.4	P	Bl	--	MR	--	--	--	Rps1c	6.0	--
ASGROW	AG3504	3.5	P	lb	--	MR	--	--	--	Rps1c	7.0	STS
ASGROW	AG3602	3.6	P	lb	--	R	--	--	PI88788	Rps1c	8.0	--
ASGROW	AG3705	3.7	P	Bl	--	MR	--	--	PI88788	Rps1c	--	--
ASGROW	AG3803	3.8	P	lb	--	R	--	--	--	Rps1c	4.0	--
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	AG4405	4.4	P	lb	--	R	--	--	--	Rps1c	6.0	--
ASGROW	AG4605	4.6	P	Bl	--	MR	--	--	--	--	--	STS
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	--	MR	--	MR	PI88788	--	5.0	STS
ASGROW	DKB42-51	4.2	P	lb	--	R	--	--	PI88788	Rps1c	5.0	--
ASGROW	DKB46-51	4.6	W	Bl	S	R	S	R	PI88788	--	4.0	--
CROPLAN GENETICS	RC3125	3.1	P	lb	--	R	--	MR	PI88788	Rps1c	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	RC4104	4.1	P	Bl	--	R	--	MR	PI88788	Rps1c	3.0	--
CROPLAN GENETICS	RC4455	4.4	P	Br	--	MR	--	MR	PI88788	--	2.0	--
CROPLAN GENETICS	RC4955	4.9	P	Bl	--	R	--	--	PI88788	--	2.0	--
CROPLAN GENETICS	RC5007	5.0	W	Bf	--	R	--	--	PI88788	Rps1c	2.0	STS
CROPLAN GENETICS	RT3836	3.8	P	Bl	--	--	--	--	--	Rps1k	3.0	--
DRUSSEL SEED	DSS 3730RR	3.7	P	Bf	--	R	--	R	PI88788	Rps1c,1k	2.0	--
DRUSSEL SEED	DSS 3844RR	3.8	P	Bl	--	--	--	--	--	--	3.0	--
DYNA-GRO	31A48	4.8	P	Bl	--	R	--	R	--	Rps1a	4.0	--
DYNA-GRO	31Y38	3.8	P	Bl	--	--	--	--	--	--	2.0	--

Table 19. Description of Entries in 2007 Soybean Performance Tests - continued.

BRAND	NAME	Maturity Group	Flower color*	Hilum color	SCN Resistance					Phytophthora		STS
					R1	R3	R4	R14	Source	RA	Tolerance	
DYNA-GRO	32C38	3.8	W	Br	--	R	--	R	PI88788	Rps1c	3.0	--
DYNA-GRO	32X39	3.9	P	Bl	--	R	--	R	PI88788	Rps1c	3.0	--
DYNA-GRO	33A40	4.0	P	Bl	--	R	--	R	PI88788	--	2.0	STS
DYNA-GRO	35D33	3.3	P	lb	--	--	--	--	--	--	--	--
DYNA-GRO	35D44	4.4	W	Bl	--	--	--	--	PI88788	--	3.0	STS
DYNA-GRO	35F37	3.7	P	Bl	--	R	--	R	PI88788	Rps1k	3.0	--
DYNA-GRO	35G38	3.8	P	Bl	--	R	--	R	--	--	2.0	--
DYNA-GRO	35Y36	3.6	P	Bl	--	R	--	R	PI88788	--	3.0	--
DYNA-GRO	36C28	2.8	P	Br	--	R	--	R	--	Rps1k	4.0	--
DYNA-GRO	36Y48	4.8	P	Br	--	R	--	R	--	--	3.0	STS
DYNA-GRO	37A44	4.5	P	Br	--	R	--	R	PI88788	--	2.0	--
DYNA-GRO	37J34	3.4	P	Bl	--	R	--	R	PI88788	Rps1c	3.0	--
DYNA-GRO	37K32	3.2	P	Bl	--	--	--	--	--	Rps1c	3.0	--
DYNA-GRO	37T26	2.6	P	lb	--	--	--	--	--	Rps1c	4.0	--
DYNA-GRO	38B31	3.1	P	Bl	--	R	--	R	PI88788	Rps1c	2.0	--
DYNA-GRO	38C42	4.2	W	Bl	--	R	--	R	--	--	4.0	STS
DYNA-GRO	38R33	3.3	P	Bl	--	R	--	R	PI88788	Rps1c	3.0	--
DYNA-GRO	DG 32R46	--	--	--	--	--	--	--	--	--	--	--
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 3399+RR	3.9	P	Bl	--	--	--	--	--	Rps1a	--	--
DYNA-GRO	DG 3468NRR	4.6	W	Bl	--	R	--	R	--	--	3.0	--
DYNA-GRO	SXO6136	3.6	P	Bl	--	R	--	R	PI88788	--	1.0	--
FONTANELLE	9488NRS	3.8	W	Bf	R	R	--	R	PI88788	Rps1k	--	STS
FONTANELLE	9633NRR	3.3	P	lb	R	R	--	R	PI88788	Rps1c	--	--
FONTANELLE	9680NRR	3.8	P	lb	R	R	--	R	PI88788	Rps1k	--	--
HAMON	H-3850N	3.8	P	Bl	--	R	--	--	PI88788	Rps1c	1.8	--
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	--	--	--
KANSAS AES	KS5306NRR	5.2	W	Bl	R	R	R	R	PI437654	--	--	--
KANSAS AES	KS5507NRR	5.2	P	IB	R	R	R	R	PI437654	--	--	--
KRUGER	K-333RR/SCN	3.3	W	Bl	--	R	--	--	PI88788	Rps1k	--	--
KRUGER	K-340RR/SCN	3.5	W	Bl	--	R	--	--	PI88788	Rps1k	4.0	--
KRUGER	K-341RR/SCN	3.4	P	lb	--	R	--	--	PI88788	Rps1k	--	--
KRUGER	K-348RR/SCN	3.4	R	Bl	--	R	--	--	PI88788	Rps1c	--	--
KRUGER	K-363RR/SCN	3.6	P	Bl	--	R	--	--	PI88788	--	--	--
KRUGER	K-382RR/SCN	3.8	P	lb	--	R	--	--	PI88788	S	4.0	--
KRUGER	K-384RR/SCN	3.8	W	Bf	--	R	--	--	PI88788	Rps1c	7.0	--
KRUGER	K-389RR/SCN	3.8	W	Bf	--	R	--	--	PI88788	Rps1c	--	STS
KRUGER	K-410RR/SCN	4.0	P	Bl	--	R	--	--	PI88788	--	--	STS
KRUGER	K-433RR/SCN	4.3	P	Br	--	R	--	--	PI88788	--	--	--

Table 19. Description of Entries in 2007 Soybean Performance Tests - continued.

BRAND	NAME	Maturity Group	Flower color*	Hilum color	SCN Resistance					Phytophthora		STS
					R1	R3	R4	R14	Source	RA	Tolerance	
KRUGER	K-476RR/SCN	4.7	P	lb	--	R	--	--	PI88788	--	--	STS
KRUGER	K-478RR/SCN	4.7	P	Bl	--	R	--	--	PI88788	Rps1a	6.0	--
KRUGER	KY3717RN	3.7	P	Bf	--	R	--	--	PI88788	ps1k/Rps1	--	--
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	3908	3.9	P	lb	S	MR	MS	MS	PI88788	Rps1c	2.0	--
LEWIS	3968	3.9	P	Bl	S	R	MR	MR	PI88788	Rps1c	2.0	--
LEWIS	4207	4.2	W	Bl	MR	R	MR	MR	PI88788	--	4.0	--
MIDLAND	MG 3618NRR	3.6	--	--	--	R	--	MR	PI88788	Rps1c	3.0	--
MIDLAND	MG 3628NRR	3.6	--	--	--	R	--	--	PI88788	--	3.0	--
MIDLAND	MG 3738NRR	3.7	--	--	--	MR	--	MR	PI88788	Rps1c	3.0	--
MIDLAND	MG 3788NRR	3.7	--	--	--	R	--	MR	PI88788	Rps1c	3.0	--
MIDLAND	MG 3806RR	3.8	--	--	--	--	--	--	--	--	4.0	--
MIDLAND	MG 3948NRR	3.9	--	--	--	R	--	--	PI88788	--	3.0	--
MIDLAND	MG 3958NRS	3.9	--	--	--	R	--	--	PI88788	--	4.0	STS
MIDLAND	MG 4157NRS	4.1	--	--	--	R	--	MR	PI88788	--	4.0	STS
MIDLAND	MG 4477NRR	4.4	--	--	--	MR	--	--	PI88788	--	4.0	--
MIDLAND	MG 4506NRR	4.5	--	--	--	R	--	MR	PI88788	--	4.0	STS
MIDLAND	MG 4768NRR	4.7	--	--	--	R	--	--	PI88788	Rps1c	4.0	--
MIDLAND	MG 4806NRS	4.8	--	--	--	R	--	MR	PI88788	Rpa1a	3.6	STS
MIDLAND	MG 4878RR	4.8	--	--	--	--	--	--	--	Rps1c	2.5	--
MIDLAND	MG 5197NRS	5.1	--	--	--	R	--	--	PI88788	--	3.0	STS
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 9B395NRR	3.9	W	Br	--	R	--	--	PI88788	Rps1a	4.0	--
MIDLAND-PHILLIPS	346NRR	3.4	P	lb	--	R	--	--	--	--	1.6	--
MIDLAND-PHILLIPS	366NRS	3.6	P	lb	--	MR	--	--	--	--	1.5	STS
MIDLAND-PHILLIPS	376NRR	3.7	P	B	--	--	--	--	--	--	1.9	--
MIDLAND-PHILLIPS	385NRS	3.8	W	Bf	--	--	--	--	--	Rps1c	1.7	STS
MIDLAND-PHILLIPS	417 NRS	4.1	W	B	R	--	--	MR	--	--	1.6	--
MIDWEST SEED	GR3631	3.6	P	Bl	--	R	--	R	PI88788	susc	3.0	--
MIDWEST SEED	GR3832	3.8	W	Bf	--	R	--	R	PI88788	Rps1c	3.0	--
MIDWEST SEED	GR3934	3.9	W	Bf	--	R	--	R	PI88788	Rps1c	4.0	--
MIDWEST SEED	GR4455	4.4	P	Br	--	R	--	R	PI88788	--	3.0	--
MIDWEST SEED	GR4531	4.5	W	Bl	--	R	--	R	PI88788	Rps1a	3.0	STS
MIDWEST SEED	GR4831	4.8	P	Bl	--	R	--	--	PI88788	Rps1a	2.0	--
MIDWEST SEED	GR5331	5.3	W	Bl	--	R	--	R	PI88788	susc	2.0	STS
MIDWEST SEED	GRX47-01-7	4.7	P	--	--	R	--	R	PI88788	Rps1a	4.0	STS
MORSOY	RT 4126N	4.1	w	Bl	--	R	--	MR	PI88788	--	2.0	--
MORSOY	RT 4446N	4.4	P	lb	--	R	--	MR	PI88788	Rps1c	2.0	--
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	--

Table 19. Description of Entries in 2007 Soybean Performance Tests - continued.

BRAND	NAME	Maturity Group	Flower color*	Hilum color	SCN Resistance					Phytophthora		STS
					R1	R3	R4	R14	Source	RA	Tolerance	
MORSOY	RTS 4824	4.8	P	Bl	--	--	--	--	--	Rps1a	3.0	STS
MORSOY	RTS 5166N	5.1	W	Bf	--	MR	--	MR	PI88788	Rps1c	3.0	STS
M-PRIDE	MPV3808NRR	3.8	P	Bl	--	R	--	R	--	Rps1c	1.5	--
M-PRIDE	MPV4406NRR	4.4	P	Bl	--	R	--	R	--	--	2.0	--
M-PRIDE	MPV4707NRR/STS	4.7	P	lb	--	R	--	--	--	--	1.9	STS
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	3.9	P	Bl	--	--	--	--	--	--	3.0	--
NC+	3A85RS	3.8	W	Bf	--	R	--	R	PI88788	Rps1c	3.0	STS
NC+	4A42RS	4.4	P	BR	--	R	--	R	PI88788	--	3.0	STS
NC+	4A81RS	4.8	P	Bl	--	R	--	R	PI88788	Rps1a	2.0	STS
NC+	5A31RS	5.3	W	Bl	--	R	--	R	PI88788	--	2.0	STS
NK	S28-B4	2.8	W	Br	S	Si	S	S	--	Rps1k	3.0	--
NK	S32-G5	3.2	P	lb	S	S	S	S	--	Rps1c	3.0	--
NK	S33-T4	3.3	W	Br	--	R	--	R	PI88788	Rps1c	3.0	--
NK	S36-B6	3.6	P	Bl	S	Si	S	S	--	Rps1a	3.0	--
NK	S37-F7	3.7	W	Bl	--	R	--	R	PI88788	S	4.0	--
NK	S37-P5	3.7	W	Bl	--	R	--	R	PI88788	S	3.0	--
NK	S38-D5	3.8	W	Br	--	R	--	R	PI88788	Rps1c	5.0	--
NK	S39-A3	3.9	W	Bl	--	R	--	R	PI88788	S	3.0	--
NK	S41-M5	4.1	P	lb	-	-	-	-	--	-	5.0	STS
NK	S46-U6	4.6	W	Bl	--	R	--	R	PI88788	Rps1c	4.0	--
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	--
NK	S57-P1	5.3	P	lb	R	R	-	MR	--	-	4.0	STS
NuTech/AgSource	NT-3777RR	3.7	P	Bl	--	--	--	--	--	--	--	--
NuTech/AgSource	NT-3888RRSCN	3.8	P	IB	--	R	--	R	88.788	--	--	--
NuTech/AgSource	NT-3909RR/SCN	3.9	W	Bf	--	R	--	R	88.788	Rps 1c	--	STS
NuTech/AgSource	NT-4041RR/SCN	4.0	P	Bl	--	R	--	R	88.788	--	--	--
NuTech/AgSource	NT-4444+RR/SCN	4.4	P	Br	--	R	--	R	88.788	--	--	--
NuTech/AgSource	NT-7345	3.4	P	IB	--	R	--	R	88.788	Rps 1c	--	--
NuTech/AgSource	NT-7366	3.6	P	Bf	--	R	--	R	88.788	Rps 1k	--	--
NuTech/AgSource	NT-7368	3.6	P	Bl	--	R	--	R	88.788	--	--	--
NuTech/AgSource	NT-7388	3.8	P	Bl	--	R	--	R	88.788	Rps 1k	--	--
NuTech/AgSource	NT-7399	3.9	P	Bl	--	R	--	R	88.788	Rps 1c	--	--
NuTech/AgSource	NT-7406	4.0	W	Bl	--	R	--	R	88.788	--	--	--
NuTech/AgSource	NT-7417	4.1	P	Bl	--	R	--	R	88.788	--	--	--
NuTech/AgSource	NT-7438	4.3	P	Bl	--	R	--	R	88.788	--	--	--
NuTech/AgSource	NT-7443	4.4	P	Br	--	R	--	R	88.788	--	--	--
OHLDE	O-3334NRR	3.3	P	lb	S	MR	S	S	PI88788	Rps1k	1.8	--
OHLDE	O-3532	3.5	--	--	--	--	--	--	--	--	--	--
OHLDE	O-3595	3.5	--	--	--	MR	--	MS	PI88788	NG	1.6	--

Table 19. Description of Entries in 2007 Soybean Performance Tests - continued.

BRAND	NAME	Maturity Group	Flower color*	Hilum color	SCN Resistance					Phytophthora		STS
					R1	R3	R4	R14	Source	RA	Tolerance	
OHLDE	O-3727NRS	3.7	W	lb	S	MR	MR	MR	PI88788	Rps1c	2.0	STS
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	--
OHLDE	X-3242	3.2	W	Bf	--	MR	--	R	PI88788	Rps1c	1.7	--
OHLDE	X-3696	3.6	--	--	--	MR	--	MR	PI88788	--	1.5	--
OHLDE	X-3721	3.7	P	Bl	--	MR	--	MS	--	Rps1k	1.5	--
OHLDE	X-3927	3.9	P	--	--	R	--	MR	PI88788	Rps1c/1k	1.5	--
OHLDE	X-3997	3.9	--	--	--	--	--	--	--	NG	1.6	--
PHILLIPS	376NRR	3.7	P	Bl	--	--	--	--	--	--	1.9	--
PHILLIPS	385NRS	3.8	W	Bf	--	--	--	--	--	Rcl.7	1.7	--
PHILLIPS	417NRS	4.1	W	Bl	R	--	--	MR	--	--	1.6	--
PHILLIPS	418 NRS	4.1	P	Bl	--	--	--	--	--	--	1.6	--
PHILLIPS	432NRS	4.3	P	lb	--	R	--	MR	--	--	1.8	--
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
PRAIRIE BRAND	PB-3637NRR	3.6	P	Bf	--	R	--	M	PI88788	Rps1c	4.0	--
PRAIRIE BRAND	PB-3796NRR	3.7	P	lb	--	R	--	M	PI88788	none	3.0	--
PRAIRIE BRAND	PB-3894NRRSTS	3.8	W	Bf	S	R	S	S	PI88788	Rps1c	4.0	STS
PRAIRIE BRAND	PB-4157NRRSTS	4.1	W	Bl	--	R	--	M	PI88788	none	4.0	STS
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	R4038SRcn	4.0	W	Bl	S	R	--	MR	PI88788	--	3.0	STS
RENZE	R4638SRcn	4.6	P	Bl	S	R	--	MR	PI88788	--	3.0	STS
RENZE	R4836SRcn	4.8	P	Bl	S	R	MR	MR	PI88788	Rps1a	3.0	STS
TAYLOR	353RR	3.6	--	--	S	S	S	S	--	Rps1a	2.5	--
TAYLOR	387RR	3.9	--	--	S	S	S	S	--	Rps1k	2.0	--
TAYLOR	398RRS	3.9	--	--	S	MR	S	MR	PI88788	Rps1c	2.0	STS
TAYLOR	445RR	4.0	P	Bl	S	R	S	R	--	Rps1k	2.0	--
TAYLOR	487RRS	4.8	--	--	--	MR	--	MR	PI88788	Rps1a	2.0	STS
TAYLOR	EXP3770RR	3.7	--	--	--	R	--	MR	PI88788	--	2.0	--
WILLCROSS	RR2367RN	3.6	P	Bl	--	R	--	MR	PI88788	NG	1.5	--
WILLCROSS	RR2378N	3.7	--	--	--	R	--	MR	PI88788	Rps1c,1k	--	--
WILLCROSS	RR2385NSTS	3.8	W	Bf	--	R	--	MR	PI88788	Rps1c	3.0	STS
WILLCROSS	RR2386	3.8	P	Bl	--	--	--	--	--	--	2.0	--
WILLCROSS	RR2397N	3.9	--	--	--	R	--	MR	--	C	2.6	--
WILLCROSS	RR2446N	4.4	P	Br	--	R	--	R	PI88788	NG	3.0	--
WILLCROSS	RR2460NB	4.6	W	Bl	--	MR	--	--	--	--	1.7	--
WILLCROSS	RR2460NS	4.6	P	Bl	--	R	--	--	--	Rps1c	2.0	--
WILLCROSS	RR2484N	4.8	W	--	--	R	--	R	PI88788	--	2.2	--
WILLCROSS	RR2499N	4.9	P	Bl	--	MR	--	--	--	XG1k	1.5	--
WILLCROSS	RR2509N	5.0	P	Bl	--	MR	--	--	--	XG1k	1.5	--
WILLCROSS	RR2519NSTS	5.1	W	Bf	--	R	--	--	--	Rps1c	1.5	STS

Table 19. Description of Entries in 2007 Soybean Performance Tests - continued.

BRAND	NAME	Maturity Group	Flower color*	Hilum color	SCN Resistance					Phytophthora		STS
					R1	R3	R4	R14	Source	RA	Tolerance	
WILLCROSS	RR2544NSTS	5.4	W	Bf	--	R	--	R	PI88788	NG	4.0	STS
WILLCROSS	RR2547N	5.4	W	Bl	--	R	--	R	--	--	--	--
	AVERAGES	--	--	--	--	--	--	--	--	--	--	--
	CV (%)	--	--	--	--	--	--	--	--	--	--	--
	LSD (0.10)	--	--	--	--	--	--	--	--	--	--	--

*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.

For those interested in accessing crop performance testing information electronically, visit our World Wide Web site. All of the information contained in this publication, plus more, is available for viewing or downloading.

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

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University Research Policy Agreement with Cooperating Seed Companies

Permission is hereby given to Kansas State University to test varieties and/or hybrids designated on the attached entry forms in the manner indicated in the test announcements. I certify that seed submitted for testing is a true sample of the seed being offered for sale.

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Kansas State University Agricultural Experiment Station and Cooperative Extension Service