

Soybean

2007 Missouri Crop Performance



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Missouri 2007 Soybean Performance Tests

This report is a contribution of the Division of Plant Sciences, University of Missouri College of Agriculture, Food and Natural Resources. The work was supported by fees from companies and organizations submitting varieties for evaluation. Soybeans were first included in the University of Missouri's variety testing program in 1973. The number of entries in the program has increased from 51 in 1973 to 366 in 2007. The large number of varieties available makes selection of a superior variety difficult. To select intelligently, producers need a reliable, unbiased, up-to-date source of information that will permit valid comparisons among available varieties. The objective of the University of Missouri's performance testing program is to provide this information. The tests are conducted under as uniform conditions as possible. Small plots are used to reduce the chance of soil and climatic variations occurring between the variety plots. Results obtained should aid the individual grower in judging the relative merits of the commercial soybean varieties available in Missouri today.

Comparing Varieties

The performance of a variety cannot be measured with absolute precision. Uncontrollable variability is involved in the determination of each yield average. This variability sometimes occurs because the soil is not uniform, but many other conditions may also contribute. Because variability exists in all field experimentation, statistics are used as a tool to assist in making decisions. The statistical tool used in these tests is the test of least significant difference (LSD). The LSD is quite simple to apply. When two entries are compared and the difference between them is greater than the LSD, the entries are judged to be significantly different. Differences smaller than the LSD may have occurred by chance and are judged to be not significant.

Variety performance may seem inconsistent across locations and from year to year because of differences in rainfall, temperature, soil fertility, diseases, insects and other factors. To obtain an improved estimate of relative variety performance, readers should consider results from more than one location or year. In this publication, the authors have tried to facilitate comparisons across years and locations.

In each test, the "top yielding" varieties in each maturity group have been identified. These varieties did not yield significantly less than the highest yielding variety in the same maturity group. They are denoted in the tables by an asterisk (*) next to their yields. Thus, by going down a column, readers can readily identify the highest yielding varieties. By following a row across the table, readers can evaluate the relative performance of a variety during several years or at several locations. From the standpoint of yield, the most desirable varieties will be those that rank among the "top yielding" varieties (that is, have an asterisk) the greatest number of times.

Although yield usually receives first consideration, other agronomic characteristics may be equally important when selecting a soybean variety. Standability, maturity, herbicide tolerance and disease resistance are among the characteristics that deserve careful consideration. Several diseases prevalent in Missouri can be devastating to susceptible varieties. Lodging may reduce yields and slow harvest. Poor seed quality is often associated with varieties that mature while temperatures are still high. Late-maturing varieties are occasionally killed by frost. Selection of varieties from several maturity groups can be helpful in spreading out harvest dates. Therefore, information presented on disease reaction, lodging, herbicide tolerance and maturity should also be considered when selecting a variety.

The Missouri Variety Testing Program does not recommend specific varieties. Farmers growing a new variety for the first time should consider all available information and then grow a small acreage to determine adaptability. This should be the practice for all new varieties regardless of origin.

The Authors

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Experimental Procedures for Soybean Tests

Test Descriptions:

Glyphosate Resistant Soybean Test: This test includes glyphosate resistant varieties and receives a postemergence application of glyphosate.

Non-Glyphosate Resistant/ Special Traits Soybean Test: This test is a combination of the Non-Glyphosate Resistant Soybean Test and the Special Traits Soybean Test. Examples of soybean lines with special traits include tofu, natto, food grade, isoflavone, high oil, fatty acid profile, and high protein. Three high yield check varieties were included in these tests for comparison.

Entries: All producers of soybean varieties were eligible to enter the 2007 soybean evaluation tests. Participation was voluntary and the test coordinators exercised no control over which or how many varieties were entered. To help finance the evaluation program, the participants paid \$100 per location for each variety entered.

Plot Management: All test plots were planted and harvested with commercial equipment modified for small plot work. Row spacing for soybean tests in the North, Central and Southwest Regions was 15 inches. Row spacing for soybean tests in the Southeast Region was 30 inches. Seeding rate for the 15-inch and 30-inch row spacing was 174,200 seeds/acre. Fertilizer was applied at each location at the discretion of the farmer or the station manager. Weed control was achieved with Roundup herbicide for the Glyphosate Resistant Tests and various other herbicides for the Non-Glyphosate Resistant/Special Traits Tests and additional hand weeding was done as required. Management details varied from location to location and are specified in the regional crop management summaries.

Data Recorded: Maturity group classification is provided by the entry sponsor. Maturity data are recorded when approximately 75 percent of the pods have turned color. Lodging and height are determined immediately before harvest. A scale of 1 to 5 is used to score lodging. Interpretation of the scale is as follows: 1 = all plants erect, 3 = all plants leaning moderately or 20% to 50% down, 5 = all plants down.

Data on maturity, plant height, lodging and yield are given for each entry and location. Yield is measured in bushels (60 pounds) per acre at a moisture content of 13.0 percent. An electronic moisture tester is used for all moisture readings.

All soybean locations were tested for the presence of SCN eggs in the soil before planting. Every effort was made to locate the test sites in fields of low to moderate levels of SCN. These numbers are given in the heading information of each table.

Accessibility of Data: The results of the 2007 crop performance tests are also available online at: agebb.missouri.edu/cropperf/vartest . If you need assistance in accessing the system; call 573-882-4827 for help.

Field Plot Design. Statistical designs used to analyze the field data included randomized lattice with three replications and randomized complete block with four replications, depending on the size of the test. Individual plots were four rows wide for the 15-inch row spacing and two rows wide for the 30-inch row spacing with a row length of 25 feet for both. All four rows of each plot were harvested for the 15 inch row spacing test and both rows of each plot were harvested for the 30-inch row spacing to determine yield.

Locations: On the basis of geographical characteristics, the state was divided into regions. Glyphosate Resistant and Non-Glyphosate Resistant/Special Traits soybean varieties were evaluated at twenty test sites at nineteen locations in all regions of the state. Test locations are shown on the adjacent map.

North Missouri

1. Steve Cunningham farm, Craig (Holt Co.)
2. Hundley-Whaley Research Center, Albany (Gentry Co.)
3. Beetsma farm, Mooresville (Livingston Co.)
4. Bill Cason farm, Macon (Macon Co.)
5. Roger Tiemann farm, LaGrange (Lewis Co.)

Central Missouri

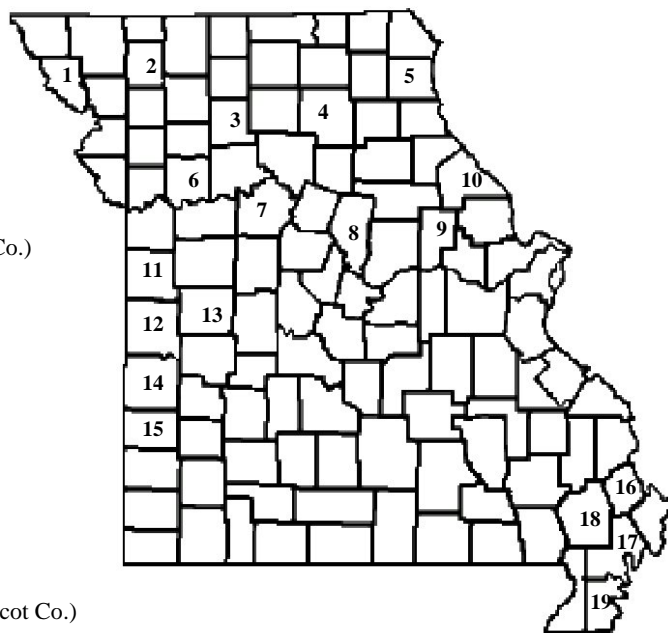
6. John Williams farm, Henrietta (Ray Co.)
7. Ryland and Fred Utlaut farm, Grand Pass (Saline Co.)
8. Bradford Research and Extension Center, Columbia (Boone Co.)
9. Roy Cope farm, Truxton (Montgomery Co.)
10. Bob Burkemper farm, Annada (Pike Co.)

Southwest Missouri

11. Roth farm, Harrisonville (Cass Co.)
12. Darrel Tenholder farm, Adrian (Bates Co.)
13. Kurt Gretzinger farm, Urich (Henry Co.)
14. Steve Cabbage farm, Nevada (Vernon Co.)
15. Wally Norton farm, Lamar (Barton Co.)

Southeast Missouri

16. Glenn Nothdruff farm, Oran (Scott Co.)
17. Tom Jennings farm, Morehouse (New Madrid Co.)
18. Scott Morgan farm, Dexter (Stoddard Co.)
19. Delta Research Center (Loam and Clay), Portageville (Pemiscot Co.)



North Region Crop Management Summary

There are five locations in the North Region for Glyphosate Resistant and Non-Glyphosate Resistant / Special Traits Soybean Tests this year. They are located in counties where a significant number of acres of soybean are grown according to the Missouri Agricultural Statistics Service. Cultural practices vary slightly between locations, but tend to reflect those followed by farmers in the area.

Soybean yields at all five locations were good this year, even though rainfall was short for most of the North Region. The Non-Glyphosate Resistant / Special Traits Test at Craig was lost due to circumstances beyond our control. The test at Albany was sprayed this summer with Warrior to control soybean aphids that had invaded the field.

Climatological information for the growing season (May 1 – September 30) for the North Region is summarized below and cultural practices for each site are listed in Table 1.

Average temperature = 72.7 degrees, 3.1 degrees above normal

Average precipitation = 18.4”, 2.7” below normal

Table 1. North Region Crop Management Summary

Location	Planting date	Harvest date	Fertilizer			Tillage	Herbicide	
			N	P ₂ O ₅	K ₂ O		Pre	Post
<i>Glyphosate Resistant Soybean Tests</i>								
Craig	05-24	10-30, 10-31	0	50	50	Minimum	Dual II Magnum, FirstRate, Authority	Roundup WeatherMax
Albany	05-18	10-12	0	60	80	Minimum	Dual II Magnum, FirstRate, Authority	Roundup WeatherMax
Mooresville	05-25	10-29	0	0	0	Minimum	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	Roundup WeatherMax
Macon	05-25	10-02, 10-05	0	0	0	Minimum	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	Roundup WeatherMax
LaGrange	05-15	10-04	0	0	0	Conventional	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	Roundup WeatherMax, Assure II
<i>Non-Glyphosate Resistant / Special Traits Soybean Tests</i>								
Craig	05-24	Not Harvested	0	50	50	Minimum	Dual II Magnum, FirstRate, Authority	
Albany	05-18	10-12	0	60	80	Minimum	Dual II Magnum, FirstRate, Authority	
Mooresville	05-25	10-29	0	0	0	Minimum	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	
Macon	05-25	10-05	0	0	0	Minimum	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	Reflex, Assure II
LaGrange	05-15	10-04	0	0	0	Conventional	Dual II Magnum, FirstRate, Authority	Reflex, Assure II

TABLE 2. Glyphosate Resistant Soybean Test

North Region: Craig, MO (Holt County)

Soil Type: Blencoe Silt Clay Soil Test: pH=6.8, OM=2.0%, P=28, K=692

Cyst Nematode Population at Planting: 0 Eggs/250cc of Soil

Rainfall: May=9.5, June=2.5, July=2.5, Aug.=9.3, Sept.=0.8 Total=24.6 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		2 Yr. Mean
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	
MATURITY GROUP 3							
Kruger K-333RR/SCN	5	9-30	33	1	65.5**	55.4	60.5
Kruger K-340RR/SCN	5	10-03	33	1	64.7*	--	--
Prairie Brand PB-3637NRR	5	10-06	35	1	61.8*	--	--
Mersch. Coolidge 734RR	1, 11	10-02	32	1	61.5*	50.5	56.0
NK Brand S37-F7	5	10-02	38	1	61.4*	--	--
Renze R3726RR	5	10-01	36	1	61.2*	57.1*	59.2
Pioneer 93M61	3, 4, 8	9-26	33	1	61.2*	--	--
BioGene BG 3807RN	--	10-02	37	1	61.1*	52.2	56.7
Stone 2385NRR	3	10-01	29	1	60.2	--	--
Midland MG 3958NRS	11	10-03	36	1	60.1	--	--
NuTech NT-3777+ RR/SCN	5	9-28	33	1	59.4	56.7*	58.1
NK Brand S37-P5	5	10-02	37	1	59.4	--	--
NK Brand S39-A3	5	10-04	37	1	59.4	--	--
Lewis 3968	6, 11	10-03	34	1	59.3	--	--
Prairie Brand PB-3997NRRS	5	10-01	40	1	59.2	--	--
MPride/MPV 3908nRR/STS	NA	10-03	38	1	59.1	--	--
NuTech NT-7399	5	10-03	34	1	59.1	--	--
Lewis 3827	6, 11	10-04	36	1	59.0	47.9	53.5
Kruger K-384RR/SCN	5	10-03	38	1	58.8	--	--
Morsoy RT 3807N	2, 5	10-04	37	1	58.3	--	--
Mersch. Monroe 735RR	1, 11	9-30	33	1	58.2	50.9	54.6
Willcross RR2386	2	10-01	35	1	58.2	54.0	56.1
Midwest Seed Gen. GR3934	None	10-02	35	1	58.2	--	--
Bio Gene BG 3708RN	--	10-02	30	1	58.0	--	--
Asgrow AG3905	5	10-03	41	1	57.8	49.5	53.7
Willcross RR2367NR	2	10-01	32	1	57.8	47.4	52.6
Morsoy RT 3804N	2, 5	10-01	36	1	57.5	45.7	51.6
Mersch. Roosevelt 737RR	1, 11	10-03	36	1	57.5	50.2	53.9
Taylor 353RR	6, 10	10-01	30	1	57.5	58.7*	58.1
Morsoy RT 3636N	2, 5	10-01	37	1	57.3	50.4	53.9
Asgrow AG3705	5	10-02	35	1	57.3	52.4	54.9
MPride/MPV 3808nRR	NA	10-02	35	1	57.3	--	--
NK Brand S33-A8	5	10-02	38	1	57.2	50.3	53.8
Midland MG 3618NRR	11	10-01	32	1	57.0	--	--
Kruger K-382RR/SCN	5	10-03	39	1	56.9	52.8	54.9
Morsoy RT 3936N	2, 5	10-04	37	1	56.9	48.6	52.8
NuTech NT-7368	5	10-01	35	1	56.8	--	--
NuTech NT-3888 RR/SCN	5	10-04	36	1	56.5	53.5	55.0
Kruger K-328RR	5	9-29	33	1	56.4	--	--
Renze R3835SRcn	5	9-30	32	1	56.4	49.6	53.0
Stone 2346NRR	3	9-28	35	1	56.3	--	--
Asgrow AG3205	5	10-01	33	1	56.2	--	--
Taylor 398RRS	6, 10	10-03	34	1	56.2	53.2	54.7
Prairie Brand PB-3796NRR	5	10-02	35	1	56.1	--	--
Dyna-Gro 37J34	5	9-25	33	1	56.1	--	--

TABLE 2. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Willcross RR2338NEXP	2	9-24	32	1	55.9	--	--
Lewis 3908	6, 11	10-01	34	1	55.9	--	--
Kruger K-363RR/SCN	5	9-22	35	1	55.7	48.7	52.2
Stone 2377NRR	3	9-28	37	1	55.5	--	--
Midland MG 3628NRR	11	9-25	37	1	55.3	--	--
Pioneer 93M96	3, 4, 8	10-02	38	1	55.2	49.1	52.2
Morsoy RT 3966N+	11	10-03	34	1	54.9	--	--
Asgrow AG3504	5	9-27	36	1	54.5	--	--
Morsoy RT 3966N	None	10-03	31	1	54.4	--	--
Crow's C3817R	None	10-02	36	1	54.3	50.9	52.6
Kruger KY3817RN	5	9-29	43	1	54.3	--	--
Morsoy RT 3887N	2, 5	10-03	35	1	54.2	--	--
NuTech NT-3909+ RR/SCN	5	10-01	36	1	54.0	51.4	52.7
Lewis 3698	6, 11	9-26	35	1	53.7	--	--
Stine 3620-4	None	9-29	32	1	53.7	--	--
NuTech NT-7345	5	9-29	37	1	53.6	--	--
Asgrow AG3603	5	10-01	38	1	53.5	--	--
Dyna-Gro 32C38	5	9-29	35	1	53.3	47.5	50.4
Asgrow AG3803	5	9-30	39	1	53.2	--	--
Kruger K-348RR/SCN	5	9-30	32	1	53.2	--	--
Renze R3797RRcn	5	9-29	35	1	52.9	53.3	53.1
Crow's C3916R	None	9-27	35	1	52.8	--	--
LG C3988NRR	3, 8	10-03	34	1	52.7	--	--
Kruger K-315RR/SCN	5	9-25	38	1	52.6	--	--
Willcross RR2385N	2	9-30	32	1	52.6	48.2	50.4
NK Brand S36-C7	5	10-01	32	1	52.6	49.6	51.1
Willcross RR2378N	2	9-30	34	1	52.6	--	--
Kruger K-389RR/SCN	5	10-03	35	1	52.5	49.9	51.2
Midland MG 9A385NRS	11	10-01	33	1	52.3	48.4	50.4
Kruger K-316RR/SCN	5	9-25	37	1	52.0	--	--
Asoyia 3757RR	1, 11, 6	9-27	39	1	51.8	--	--
MPride/MPV 3805nRR/STS	NA	10-02	31	1	51.7	49.1	50.4
Dyna-Gro 35Y36	5	10-03	33	1	51.6	--	--
Renze R3788RRcn	--	10-03	32	1	51.5	--	--
Asoyia 3407RR	1, 11, 6	9-25	35	1	51.4	--	--
Asoyia 3027RR	1, 11, 6	9-29	34	1	51.2	--	--
NK Brand S38-D5	5	10-03	38	1	51.0	--	--
Kruger K-341RR/SCN	5	9-27	32	1	50.8	50.0	50.4
Kruger K-321RR/SCN/LINO	5	9-26	37	1	50.8	--	--
Mersch. Kennedy 836RR	1, 11	9-29	36	1	50.7	--	--
NC+ 3A93RR	None	10-03	36	1	50.1	--	--
NuTech NT-7366+	5	10-01	35	1	50.1	--	--
NuTech NT-7366	2	10-01	36	1	49.0	--	--
Morsoy RT 3737N	2, 5	9-29	35	1	48.0	--	--
Asoyia 3217RR	1, 11, 6	9-23	36	1	47.0	--	--
GROUP 3 AVERAGE		9-29	35	1	55.6	51.6	53.6
L.S.D. AT .10					5.1	5.0	
C.V. %					6.4	6.8	

TABLE 2. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		2 Yr. Mean
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	
MATURITY GROUP 4							
NuTech NT-4242 RR/SCN	5	10-04	35	1	62.0**	50.1*	56.1
Morsoy RT 4126N	2, 5	10-05	37	1	60.7*	--	--
NuTech NT-7406	5	10-07	38	1	60.7*	--	--
Stine 4020-4	None	10-05	38	1	60.1*	--	--
Mersch. Norfolk 741RR	1, 11	10-05	38	1	59.6*	51.0*	55.3
NuTech NT-7438	5	10-06	36	1	59.5*	--	--
Renze R4038SRcn	--	10-04	34	1	59.3*	--	--
Prairie Brand PB-4036NRRS	5	10-05	37	1	59.2*	50.9*	55.1
NuTech NT-7417	5	10-04	38	1	58.3*	--	--
Pioneer 94M30	3, 4, 8	10-06	36	1	57.2	47.0	52.1
Mersch. Nashville 749RR	1, 11	10-09	37	1	56.3	--	--
Prairie Brand PB-4157NRRS	5	10-06	34	1	56.1	--	--
Mersch. Houston 747RR	1, 11	10-11	36	1	56.1	45.8	51.0
Asgrow AG4103	5	10-03	40	1	55.9	--	--
NuTech NT-4444+ RR/SCN	5	10-06	40	1	55.5	47.8	51.7
Mersch. Austin 643RR	1, 11	10-09	37	1	55.4	52.5*	54.0
Kruger K-410RR/SCN	5	10-05	37	1	55.3	50.9*	53.1
NuTech NT-7443	5	10-05	45	1	53.9	--	--
Mersch. Denver 742RR	1, 11	10-05	35	1	53.1	51.1*	52.1
Mersch. Dallas RR	1, 11	10-08	38	1	53.1	45.0	49.1
Mersch. Rocky RR	1, 11	10-10	39	1	52.4	46.1	49.3
Kruger K-433RR/SCN	5	10-07	42	1	51.8	45.5	48.7
MPride/MPV 4406nRR	NA	10-05	41	1	50.8	44.0	47.4
Mersch. Memphis 642RR	1, 11	10-05	42	1	49.5	43.2	46.4
GROUP 4 AVERAGE		10-05	38	1	56.3	48.4	52.4
L.S.D. AT .10					4.5	5.2	
C.V. %					5.3	7.5	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 3. Glyphosate Resistant Soybean Test

North Region: Albany, MO (Gentry County)

Soil Type: Grundy Silt Loam Soil Test: pH=6.0, OM=2.3%, P=74, K=302

Cyst Nematode Population at Planting: 165 Eggs/250cc of Soil

Rainfall: May=9.5, June=1.1, July=2.3, Aug.=6.2, Sept.=2.2 Total=21.3 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
					-----bu/acre-----		
MATURITY GROUP 3							
Morsoy RT 3807N	2, 5	9-27	36	1	64.5**	--	--
Kruger K-363RR/SCN	5	9-26	34	1	62.8*	53.2	58.0
NK Brand S37-P5	5	9-20	36	1	62.3*	--	--
Asgrow AG3803	5	9-23	36	1	61.2*	--	--
Kruger K-384RR/SCN	5	9-23	37	1	60.9*	--	--
NC+ 3A93RR	None	9-24	36	1	60.6*	--	--
NuTech NT-7366	2	9-23	34	1	60.6*	--	--
NK Brand S39-A3	5	9-27	34	1	60.3	--	--
Taylor 353RR	6, 10	9-27	31	1	60.2	58.3*	59.3
Prairie Brand PB-3637NRR	5	9-29	33	1	60.2	--	--
Taylor 398RRS	6, 10	9-24	32	1	60.2	55.4*	57.8
Kruger K-340RR/SCN	5	9-26	33	1	60.0	--	--
NuTech NT-3777+ RR/SCN	5	9-25	34	1	60.0	50.1	55.1
Midland MG 3958NRS	11	9-25	36	1	59.8	--	--
NuTech NT-7368	5	9-22	34	1	59.7	--	--
Kruger K-389RR/SCN	5	9-23	30	1	59.6	59.7**	59.7
Stone 2385NRR	3	9-25	30	1	59.4	--	--
Kruger K-321RR/SCN/LINO	5	9-14	32	1	59.2	--	--
BioGene BG 3807RN	--	9-23	35	1	59.2	52.0	55.6
Morsoy RT 3636N	2, 5	9-22	34	1	59.2	51.5	55.4
Renze R3726RR	5	9-19	36	1	59.1	54.4*	56.8
Morsoy RT 3936N	2, 5	9-22	37	1	59.0	47.5	53.3
NK Brand S37-F7	5	9-20	35	1	58.9	--	--
Dyna-Gro 32C38	5	9-22	34	1	58.8	57.7*	58.3
Kruger K-333RR/SCN	5	9-17	32	1	58.8	49.6	54.2
Crow's C3916R	None	9-24	35	1	58.8	--	--
Lewis 3698	6, 11	9-22	33	1	58.7	--	--
Asgrow AG3504	5	9-17	36	1	58.7	--	--
Renze R3797RRcn	5	9-27	33	1	58.6	53.6	56.1
MPride/MPV 3805nRR/STS	NA	9-25	33	1	58.5	46.2	52.4
Midland MG 9A385NRS	11	9-23	33	1	58.5	53.5	56.0
Asgrow AG3705	5	9-20	32	1	58.4	51.4	54.9
Kruger K-382RR/SCN	5	9-27	35	1	58.3	54.6*	56.5
Dyna-Gro 37J34	5	9-16	35	1	58.3	--	--
Lewis 3968	6, 11	9-22	35	1	58.2	--	--
Kruger K-328RR	5	9-16	34	1	58.0	--	--
Midland MG 3628NRR	11	9-21	32	1	58.0	--	--
Morsoy RT 3804N	2, 5	9-21	33	1	57.9	52.6	55.3
Morsoy RT 3737N	2, 5	9-20	35	1	57.6	--	--
Midland MG 3618NRR	11	9-16	32	1	57.6	--	--
Prairie Brand PB-3997NRRS	5	9-20	34	1	57.6	--	--
Kruger K-315RR/SCN	5	9-17	34	1	57.4	--	--
Mersch. Kennedy 836RR	1, 11	9-22	35	1	57.4	--	--
Willcross RR2367NR	2	9-23	34	1	57.4	49.4	53.4
NuTech NT-7366+	5	9-20	34	1	57.2	--	--

TABLE 3. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
NuTech NT-7399	5	9-23	36	1	57.1	--	--
Morsoy RT 3887N	2, 5	9-22	35	1	57.1	--	--
Lewis 3827	6, 11	9-24	36	1	57.1	51.6	54.4
Midwest Seed Gen. GR3934	None	9-23	36	1	57.1	--	--
Pioneer 93M61	3, 4, 8	9-16	33	1	57.1	--	--
Willcross RR2385N	2	9-21	33	1	57.1	52.5	54.8
Stine 3620-4	None	9-20	35	1	57.0	--	--
MPride/MPV 3908nRR/STS	NA	9-24	36	1	56.9	--	--
LG C3988NRR	3, 8	9-23	34	1	56.9	--	--
NuTech NT-3888 RR/SCN	5	9-24	33	1	56.7	51.1	53.9
Willcross RR2338NEXP	2	9-17	29	1	56.7	--	--
Pioneer 93M96	3, 4, 8	9-22	36	1	56.6	50.6	53.6
Dyna-Gro 35Y36	5	9-22	33	1	56.6	--	--
MPride/MPV 3808nRR	NA	9-21	33	1	56.5	--	--
Renze R3835SRcn	5	9-23	32	1	56.5	54.1	55.3
Morsoy RT 3966N	None	9-25	33	1	56.4	--	--
Mersch. Coolidge 734RR	1, 11	9-21	29	1	56.2	49.7	53.0
Mersch. Monroe 735RR	1, 11	9-23	35	1	56.0	49.2	52.6
NuTech NT-3909+ RR/SCN	5	9-22	36	1	55.9	54.4*	55.2
NK Brand S36-C7	5	9-22	28	1	55.9	50.6	53.3
NK Brand S33-A8	5	9-20	34	1	55.7	52.5	54.1
Renze R3788RRcn	--	9-21	32	1	55.6	--	--
Morsoy RT 3966N+	11	9-25	33	1	55.3	--	--
Lewis 3908	6, 11	9-26	32	1	55.1	--	--
Asgrow AG3603	5	9-18	36	1	55.0	--	--
NK Brand S38-D5	5	9-24	33	1	54.9	--	--
Willcross RR2378N	2	9-21	33	1	54.9	--	--
Willcross RR2386	2	9-23	33	1	54.9	46.8	50.9
Mersch. Roosevelt 737RR	1, 11	9-24	33	1	54.5	51.1	52.8
Prairie Brand PB-3796NRR	5	9-26	32	1	54.4	--	--
Bio Gene BG 3708RN	--	9-25	34	1	54.3	--	--
Crow's C3817R	None	9-22	32	1	54.1	54.1	54.1
Kruger K-348RR/SCN	5	9-17	33	1	53.8	--	--
Stone 2346NRR	3	9-16	33	1	53.8	--	--
NuTech NT-7345	5	9-15	33	1	53.8	--	--
Kruger KY3817RN	5	9-21	40	1	53.8	--	--
Asgrow AG3205	5	9-14	33	1	53.6	--	--
Asoyia 3757RR	1, 11, 6	9-20	36	1	53.6	--	--
Asgrow AG3905	5	9-26	37	1	53.6	47.3	50.5
Kruger K-341RR/SCN	5	9-18	33	1	53.2	48.0	50.6
Stone 2377NRR	3	9-17	34	1	52.6	--	--
Asoyia 3027RR	1, 11, 6	9-13	31	1	51.5	--	--
Kruger K-316RR/SCN	5	9-14	26	1	51.3	--	--
Asoyia 3407RR	1, 11, 6	9-21	32	1	48.7	--	--
Asoyia 3217RR	1, 11, 6	9-17	32	1	48.1	--	--
GROUP 3 AVERAGE		9-21	34	1	57.1	50.5	53.8
L.S.D. AT .10					4.1	5.6	
C.V. %					5.0	7.8	

TABLE 3. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
MATURITY GROUP 4							
Morsoy RT 4126N	2, 5	9-28	37	1	58.8**	--	--
NuTech NT-7438	5	9-23	35	1	58.5*	--	--
Kruger K-410RR/SCN	5	9-24	37	1	58.3*	46.9	52.6
NuTech NT-7406	5	9-26	37	1	57.3*	--	--
Renze R4038SRcn	--	9-26	36	1	57.1*	--	--
Prairie Brand PB-4157NRRS	5	9-26	36	1	57.1*	--	--
Mersch. Norfolk 741RR	1, 11	9-27	36	1	56.8*	52.3*	54.6
NuTech NT-4242 RR/SCN	5	9-26	35	1	56.5*	51.5*	54.0
Pioneer 94M30	3, 4, 8	9-27	37	1	56.3*	48.9	52.6
Prairie Brand PB-4036NRRS	5	9-26	36	1	55.8*	46.4	51.1
NuTech NT-7417	5	9-25	38	1	55.7*	--	--
MPride/MPV 4406nRR	NA	9-27	41	1	55.2	53.0*	54.1
Asgrow AG4103	5	9-24	38	1	55.0	--	--
Stine 4020-4	None	9-26	36	1	54.5	--	--
Mersch. Dallas RR	1, 11	9-30	38	1	54.3	49.9	52.1
Mersch. Nashville 749RR	1, 11	9-30	36	1	54.2	--	--
NuTech NT-7443	5	9-27	45	1	53.9	--	--
Mersch. Austin 643RR	1, 11	9-27	37	1	53.6	48.7	51.2
Kruger K-433RR/SCN	5	9-27	41	1	53.2	51.3*	52.3
Mersch. Houston 747RR	1, 11	9-30	36	1	53.1	45.2	49.2
NuTech NT-4444+ RR/SCN	5	9-28	39	1	52.6	54.6**	53.6
Mersch. Rocky RR	1, 11	9-28	37	1	51.6	51.6*	51.6
Mersch. Denver 742RR	1, 11	9-25	35	1	50.1	48.9	49.5
Mersch. Memphis 642RR	1, 11	9-27	42	1	48.7	50.4	49.6
GROUP 4 AVERAGE		9-26	38	1	54.9	49.7	52.3
L.S.D. AT .10					3.1	4.1	
C.V. %					3.7	5.7	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 4. Glyphosate Resistant Soybean Test

North Region: Mooresville, MO (Livingston County)

Soil Type: Grundy Silt Loam Soil Test: pH=6.9, OM=2.8%, P=32, K=314

Cyst Nematode Population at Planting: 932 Eggs/250cc of Soil

Rainfall: May=6.3, June=2.6, July=2.4, Aug.=6.0, Sept.=2.4 Total=19.7 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield			
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean	
							-----bu/acre-----	
MATURITY GROUP 3								
Midland MG 3958NRS	11	9-25	29	1	48.4**	--	--	
Morsoy RT 3807N	2, 5	9-24	37	1	47.6*	--	--	
Morsoy RT 3804N	2, 5	9-22	29	1	47.6*	60.7	54.2	
Kruger K-389RR/SCN	5	9-21	36	1	47.4*	59.2	53.3	
NuTech NT-3909+ RR/SCN	5	9-22	28	1	47.4*	60.0	53.7	
Kruger K-384RR/SCN	5	9-22	33	1	47.3*	--	--	
Crow's C3916R	None	9-21	36	1	47.3*	--	--	
NuTech NT-7366+	5	9-21	32	1	47.2*	--	--	
Willcross RR2385N	2	9-22	29	1	47.1*	62.8*	55.0	
Morsoy RT 3936N	2, 5	9-21	31	1	47.1*	57.4	52.3	
Asgrow AG3205	5	9-12	35	1	46.9*	--	--	
Morsoy RT 3887N	2, 5	9-22	31	1	46.5*	--	--	
Asgrow AG3803	5	9-23	37	1	46.5*	--	--	
Prairie Brand PB-3796NRR	5	9-23	32	1	46.1*	--	--	
Asgrow AG3705	5	9-24	36	1	45.8*	64.2*	55.0	
Midland MG 9A385NRS	11	9-22	33	1	45.8*	56.3	51.1	
Dyna-Gro 32C38	5	9-20	35	1	45.7*	57.0	51.4	
MPride/MPV 3805nRR/STS	NA	9-22	30	1	45.6*	55.3	50.5	
Taylor 398RRS	6, 10	9-22	31	1	45.5*	63.4*	54.5	
Stone 2377NRR	3	9-22	32	1	45.1*	--	--	
Renze R3835SRcn	5	9-21	30	1	45.0*	60.6	52.8	
Midwest Seed Gen. GR3934	None	9-23	29	1	44.9*	--	--	
NC+ 3A93RR	None	9-21	29	1	44.8*	--	--	
Morsoy RT 3636N	2, 5	9-21	30	1	44.7*	67.7**	56.2	
Prairie Brand PB-3637NRR	5	9-26	26	1	44.5*	--	--	
NuTech NT-7399	5	9-23	30	1	44.4*	--	--	
Mersch. Monroe 735RR	1, 11	9-22	31	1	44.4*	64.6*	54.5	
Pioneer 93M61	3, 4, 8	9-18	33	1	44.3*	--	--	
Kruger KY3817RN	5	9-20	34	1	44.3*	--	--	
Lewis 3908	6, 11	9-23	26	1	44.3*	--	--	
MPride/MPV 3808nRR	NA	9-21	33	1	44.0*	--	--	
NuTech NT-7368	5	9-21	35	1	43.9*	--	--	
Stone 2346NRR	3	9-18	35	1	43.9*	--	--	
LG C3988NRR	3, 8	9-21	31	1	43.7*	--	--	
Prairie Brand PB-3997NRRS	5	9-22	30	1	43.6	--	--	
BioGene BG 3807RN	--	9-22	33	1	43.4	58.4	50.9	
Lewis 3968	6, 11	9-22	31	1	43.4	--	--	
Mersch. Kennedy 836RR	1, 11	9-20	33	1	43.2	--	--	
Kruger K-340RR/SCN	5	9-21	33	1	43.2	--	--	
Kruger K-348RR/SCN	5	9-18	30	1	43.2	--	--	
Kruger K-363RR/SCN	5	9-22	35	1	43.2	66.0*	54.6	
Morsoy RT 3966N+	11	9-26	26	1	43.1	--	--	
Lewis 3827	6, 11	9-21	33	1	42.9	61.4	52.2	
Dyna-Gro 35Y36	5	9-23	29	1	42.9	--	--	
Willcross RR2367NR	2	9-21	27	1	42.9	62.0	52.5	

TABLE 4. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
NK Brand S37-F7	5	9-20	33	1	42.8	--	--
Crow's C3817R	None	9-19	29	1	42.8	63.0*	52.9
Kruger K-333RR/SCN	5	9-19	30	1	42.8	59.1	51.0
Morsoy RT 3966N	None	9-23	26	1	42.6	--	--
Mersch. Coolidge 734RR	1, 11	9-20	32	1	42.6	60.7	51.7
Asgrow AG3603	5	9-22	33	1	42.6	--	--
Renze R3797RRcn	5	9-24	33	1	42.4	60.3	51.4
Morsoy RT 3737N	2, 5	9-21	30	1	42.4	--	--
Asgrow AG3905	5	9-21	33	1	42.4	60.0	51.2
Stine 3620-4	None	9-20	31	1	42.3	--	--
NuTech NT-7345	5	9-16	34	1	42.3	--	--
Lewis 3698	6, 11	9-20	34	1	42.2	--	--
NuTech NT-3888 RR/SCN	5	9-23	30	1	42.0	64.2*	53.1
Midland MG 3618NRR	11	9-20	29	1	41.4	--	--
Willcross RR2378N	2	9-18	32	1	41.3	--	--
Kruger K-382RR/SCN	5	9-21	34	1	41.3	62.3	51.8
MPride/MPV 3908nRR/STS	NA	9-22	31	1	40.9	--	--
Dyna-Gro 37J34	5	9-16	34	1	40.7	--	--
Mersch. Roosevelt 737RR	1, 11	9-22	31	1	40.7	60.6	50.7
Bio Gene BG 3708RN	--	9-18	37	1	40.7	--	--
Renze R3726RR	5	9-21	31	1	40.6	59.7	50.2
Midland MG 3628NRR	11	9-21	28	1	40.4	--	--
Pioneer 93M96	3, 4, 8	9-22	31	1	40.2	65.3*	52.8
NuTech NT-7366	2	9-20	35	1	40.1	--	--
Renze R3788RRcn	--	9-20	32	1	40.0	--	--
Kruger K-341RR/SCN	5	9-19	29	1	39.8	55.2	47.5
Willcross RR2338NEXP	2	9-17	28	1	39.8	--	--
NK Brand S39-A3	5	9-24	36	1	39.6	--	--
Asgrow AG3504	5	9-17	35	1	39.6	--	--
Kruger K-315RR/SCN	5	9-17	34	1	39.3	--	--
NK Brand S37-P5	5	9-26	33	1	38.8	--	--
NK Brand S36-C7	5	9-22	30	1	37.9	54.4	46.2
Kruger K-316RR/SCN	5	9-16	25	1	37.7	--	--
Kruger K-321RR/SCN/LINO	5	9-13	30	1	36.9	--	--
NK Brand S38-D5	5	9-19	32	1	36.3	--	--
Kruger K-328RR	5	9-13	32	1	33.7	--	--
NuTech NT-3777+ RR/SCN	5	9-26	28	1	33.6	53.9	43.8
Willcross RR2386	2	9-26	28	1	32.0	53.9	43.0
Taylor 353RR	6, 10	9-20	30	1	31.7	54.2	43.0
Stone 2385NRR	3	9-29	24	1	31.6	--	--
Asoyia 3407RR	1, 11, 6	9-08	37	1	27.9	--	--
NK Brand S33-A8	5	9-16	34	1	26.9	51.6	39.3
Asoyia 3757RR	1, 11, 6	9-15	34	1	22.7	--	--
Asoyia 3027RR	1, 11, 6	9-08	32	1	19.1	--	--
Asoyia 3217RR	1, 11, 6	9-04	30	1	18.5	--	--
GROUP 3 AVERAGE		9-19	32	1	41.5	58.7	50.1
L.S.D. AT .10					4.7	4.9	
C.V. %					7.9	5.9	

TABLE 4. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		2 Yr. Mean
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	
MATURITY GROUP 4							
Mersch. Denver 742RR	1, 11	9-27	26	1	45.0**	58.1*	51.6
Prairie Brand PB-4157NRRS	5	10-01	26	1	44.7*	--	--
Kruger K-433RR/SCN	5	9-25	34	1	44.2*	60.1*	52.2
Morsoy RT 4126N	2, 5	10-01	28	1	43.7*	--	--
Stine 4020-4	None	9-23	29	1	43.6*	--	--
Mersch. Norfolk 741RR	1, 11	9-25	31	1	43.6*	58.3*	51.0
Pioneer 94M30	3, 4, 8	9-29	28	1	43.2*	54.8	49.0
NuTech NT-7406	5	9-30	26	1	43.2*	--	--
NuTech NT-7438	5	9-29	30	1	43.1*	--	--
NuTech NT-4444+ RR/SCN	5	9-27	34	1	43.0*	57.5*	50.3
NuTech NT-4242 RR/SCN	5	9-26	26	1	42.8*	59.1*	51.0
Renze R4038SRcn	--	9-26	25	1	42.5*	--	--
Prairie Brand PB-4036NRRS	5	9-24	27	1	41.9*	57.3*	49.6
NuTech NT-7417	5	9-26	28	1	41.9*	--	--
Mersch. Rocky RR	1, 11	9-27	33	1	41.5*	49.7	45.6
MPride/MPV 4406nRR	NA	9-27	30	1	40.7*	56.3	48.5
Mersch. Nashville 749RR	1, 11	9-30	25	1	40.4*	--	--
Mersch. Austin 643RR	1, 11	9-28	27	1	40.2*	59.3*	49.8
Asgrow AG4103	5	9-25	35	1	39.8	--	--
NuTech NT-7443	5	9-26	36	1	39.8	--	--
Kruger K-410RR/SCN	5	9-27	29	1	39.6	51.6	45.6
Mersch. Houston 747RR	1, 11	10-01	25	1	39.3	56.9*	48.1
Mersch. Memphis 642RR	1, 11	9-27	32	1	38.9	53.8	46.4
Mersch. Dallas RR	1, 11	9-25	29	1	32.3	56.8*	44.6
GROUP 4 AVERAGE		9-26	29	1	41.6	55.6	48.6
L.S.D. AT .10					5.0	3.7	
C.V. %					8.0	4.5	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 5. Glyphosate Resistant Soybean Test

North Region: Macon, MO (Macon County)

Soil Type: Mexico Silt Loam Soil Test: pH=6.7, OM=1.6%, P=22, K=166

Cyst Nematode Population at Planting: 4988 Eggs/250cc of Soil

Rainfall: May=4.1, June=3.4, July=1.0, Aug.=5.6, Sept.=1.8 Total=15.9 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
							-----bu/acre-----
MATURITY GROUP 3							
Kruger K-384RR/SCN	5	9-25	34	1	69.7**	--	--
NuTech NT-7368	5	9-24	35	1	69.6*	--	--
Morsoy RT 3807N	2, 5	9-24	32	1	68.9*	--	--
Asgrow AG3705	5	9-24	34	1	67.8*	48.1	58.0
Morsoy RT 3887N	2, 5	9-21	33	1	67.3*	--	--
NuTech NT-3909+ RR/SCN	5	9-24	32	1	66.7*	57.1*	61.9
Kruger K-328RR	5	9-18	30	1	66.6*	--	--
Dyna-Gro 35Y36	5	9-25	34	1	66.4*	--	--
Asgrow AG3603	5	9-18	31	1	66.3*	--	--
Morsoy RT 3936N	2, 5	9-23	39	2	66.1*	54.6	60.4
Kruger K-340RR/SCN	5	9-22	29	1	66.1*	--	--
Asgrow AG3803	5	9-23	34	1	66.1*	--	--
Taylor 398RRS	6, 10	9-25	30	1	66.0*	60.4*	63.2
Asgrow AG3504	5	9-18	36	1	65.9*	--	--
Kruger KY3817RN	5	9-21	39	2	65.8*	--	--
MPride/MPV 3808nRR	NA	9-24	30	1	65.3*	--	--
Kruger K-333RR/SCN	5	9-20	30	1	65.3*	50.4	57.9
Dyna-Gro 37J34	5	9-19	27	1	64.8*	--	--
Lewis 3827	6, 11	9-24	33	1	64.8*	55.4*	60.1
NK Brand S39-A3	5	9-25	32	1	64.7	--	--
Midland MG 3628NRR	11	9-25	32	1	64.4	--	--
LG C3988NRR	3, 8	9-25	28	1	64.3	--	--
Stone 2385NRR	3	9-24	30	1	64.1	--	--
NuTech NT-3888 RR/SCN	5	9-22	29	1	64.0	52.3	58.2
Lewis 3968	6, 11	9-23	32	1	63.9	--	--
Stone 2346NRR	3	9-20	32	1	63.8	--	--
Lewis 3908	6, 11	9-25	30	1	63.4	--	--
MPride/MPV 3908nRR/STS	NA	9-24	35	1	63.4	--	--
NK Brand S37-P5	5	9-23	31	1	63.4	--	--
Asgrow AG3905	5	9-25	33	1	62.9	53.5	58.2
Kruger K-382RR/SCN	5	9-25	31	1	62.8	58.0*	60.4
Prairie Brand PB-3997NRRS	5	9-21	31	1	62.8	--	--
Kruger K-363RR/SCN	5	9-20	35	1	62.6	57.5*	60.1
Kruger K-316RR/SCN	5	9-17	26	1	62.3	--	--
Morsoy RT 3636N	2, 5	9-24	32	1	62.2	60.2*	61.2
Prairie Brand PB-3637NRR	5	9-28	32	1	61.5	--	--
Kruger K-321RR/SCN/LINO	5	9-18	30	1	61.4	--	--
NuTech NT-7399	5	9-24	32	1	61.2	--	--
Willcross RR2338NEXP	2	9-23	26	1	61.2	--	--
Kruger K-389RR/SCN	5	9-25	31	1	60.9	58.0*	59.5
Stone 2377NRR	3	9-22	30	1	60.7	--	--
Crow's C3916R	None	9-24	33	1	60.7	--	--
Morsoy RT 3966N+	11	9-25	27	1	60.6	--	--
Mersch. Coolidge 734RR	1, 11	9-22	29	1	60.6	51.0	55.8
Morsoy RT 3804N	2, 5	9-24	33	1	60.5	60.7**	60.6

TABLE 5. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Kruger K-341RR/SCN	5	9-21	30	1	60.5	51.6	56.1
Asgrow AG3205	5	9-17	33	1	60.5	--	--
Pioneer 93M61	3, 4, 8	9-25	31	1	59.9	--	--
NK Brand S37-F7	5	9-25	35	2	59.8	--	--
Kruger K-348RR/SCN	5	9-18	30	1	59.7	--	--
Midwest Seed Gen. GR3934	None	9-25	31	1	59.0	--	--
NuTech NT-7345	5	9-18	32	1	58.9	--	--
Willcross RR2385N	2	9-25	31	1	58.8	57.0*	57.9
Willcross RR2367NR	2	9-25	31	1	58.8	53.0	55.9
Mersch. Monroe 735RR	1, 11	9-24	30	1	58.5	55.6*	57.1
Pioneer 93M96	3, 4, 8	9-24	37	1	58.4	48.4	53.4
Mersch. Kennedy 836RR	1, 11	9-22	28	1	58.2	--	--
Dyna-Gro 32C38	5	9-25	30	1	57.9	52.7	55.3
Midland MG 9A385NRS	11	9-25	30	1	57.9	56.5*	57.2
Renze R3726RR	5	9-19	31	1	57.1	54.3	55.7
Kruger K-315RR/SCN	5	9-13	31	1	57.0	--	--
Willcross RR2386	2	9-24	29	1	56.9	54.8*	55.9
Midland MG 3618NRR	11	9-21	30	1	56.9	--	--
NuTech NT-3777+ RR/SCN	5	9-24	30	1	56.7	59.0*	57.9
Prairie Brand PB-3796NRR	5	9-24	30	1	56.5	--	--
Midland MG 3958NRS	11	9-25	34	1	55.9	--	--
Morsoy RT 3966N	None	9-24	31	1	55.5	--	--
NC+ 3A93RR	None	9-25	33	1	55.4	--	--
Crow's C3817R	None	9-25	29	1	55.3	55.0*	55.2
Taylor 353RR	6, 10	9-24	27	1	55.1	59.9*	57.5
NuTech NT-7366	2	9-23	31	1	55.1	--	--
Bio Gene BG 3708RN	--	9-24	30	1	54.9	--	--
MPride/MPV 3805nRR/STS	NA	9-25	29	1	54.8	49.9	52.4
Lewis 3698	6, 11	9-24	29	1	54.5	--	--
BioGene BG 3807RN	--	9-23	30	1	54.4	51.4	52.9
NK Brand S36-C7	5	9-21	35	1	54.0	49.1	51.6
Mersch. Roosevelt 737RR	1, 11	9-24	31	1	53.5	50.2	51.9
NuTech NT-7366+	5	9-24	30	1	53.4	--	--
NK Brand S33-A8	5	9-20	35	1	53.0	51.3	52.2
Renze R3835SRcn	5	9-25	31	1	52.7	60.2*	56.5
Morsoy RT 3737N	2, 5	9-20	29	1	52.3	--	--
NK Brand S38-D5	5	9-24	33	1	52.0	--	--
Renze R3797RRcn	5	9-24	32	1	51.8	54.8*	53.3
Renze R3788RRcn	--	9-24	29	1	51.5	--	--
Stine 3620-4	None	9-25	25	1	49.9	--	--
Asoyia 3757RR	1, 11, 6	9-21	33	1	49.9	--	--
Willcross RR2378N	2	9-24	27	1	48.6	--	--
Asoyia 3217RR	1, 11, 6	9-13	28	1	46.6	--	--
Asoyia 3027RR	1, 11, 6	9-14	29	1	45.5	--	--
Asoyia 3407RR	1, 11, 6	9-14	25	1	41.0	--	--
GROUP 3 AVERAGE		9-22	31	1	59.6	54.5	57.1
L.S.D. AT .10					4.9	5.9	
C.V. %					5.8	8.0	

TABLE 5. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
MATURITY GROUP 4							
Prairie Brand PB-4036NRRS	5	9-25	33	1	62.9**	50.9	56.9
NuTech NT-4242 RR/SCN	5	9-25	27	1	62.2*	50.7	56.5
NuTech NT-7406	5	9-25	35	1	61.5*	--	--
Morsoy RT 4126N	2, 5	9-25	31	1	61.2*	--	--
NuTech NT-7417	5	9-24	32	1	60.7*	--	--
Prairie Brand PB-4157NRRS	5	9-25	30	1	60.6*	--	--
Kruger K-410RR/SCN	5	9-25	36	1	60.2*	55.4*	57.8
Mersch. Rocky RR	1, 11	9-29	35	1	59.9*	51.4	55.7
Pioneer 94M30	3, 4, 8	9-25	37	1	59.4*	50.8	55.1
Stine 4020-4	None	9-25	31	1	58.4	--	--
Mersch. Memphis 642RR	1, 11	9-27	40	1	58.1	46.9	52.5
MPride/MPV 4406nRR	NA	9-26	41	2	58.0	48.8	53.4
Renze R4038SRcn	--	9-25	33	1	57.8	--	--
NuTech NT-7438	5	9-25	29	1	57.7	--	--
Asgrow AG4103	5	9-24	35	1	57.7	--	--
NuTech NT-4444+ RR/SCN	5	9-27	37	1	57.5	50.1	53.8
Mersch. Denver 742RR	1, 11	9-25	29	1	57.2	51.0	54.1
NuTech NT-7443	5	9-27	40	1	56.9	--	--
Kruger K-433RR/SCN	5	9-27	39	1	56.4	52.3	54.4
Mersch. Norfolk 741RR	1, 11	9-25	30	1	55.9	54.9*	55.4
Mersch. Nashville 749RR	1, 11	9-30	34	1	55.0	--	--
Mersch. Houston 747RR	1, 11	9-29	31	1	54.2	49.1	51.7
Mersch. Austin 643RR	1, 11	9-28	30	1	51.7	49.3	50.5
Mersch. Dallas RR	1, 11	9-30	35	1	48.8	43.7	46.3
GROUP 4 AVERAGE		9-25	34	1	57.9	50.5	54.2
L.S.D. AT .10					4.2	4.3	
C.V. %					4.9	6.1	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 6. Glyphosate Resistant Soybean Test

North Region: LaGrange, MO (Lewis County)

Soil Type: Westerville Silt Loam Soil Test: pH=5.1, OM=1.8%, P=222, K=518

Cyst Nematode Population at Planting: 830 Eggs/250cc of Soil

Rainfall: May=4.1, June=1.6, July=1.0, Aug.=4.0, Sept.=1.5 Total=12.2 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		2 Yr. Mean
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	
MATURITY GROUP 3							
Kruger K-333RR/SCN	5	9-09	36	1	71.5**	56.6	64.1
NuTech NT-3777+ RR/SCN	5	9-16	38	1	70.7*	55.3	63.0
Prairie Brand PB-3637NRR	5	9-19	36	1	70.1*	--	--
Willcross RR2386	2	9-16	43	1	70.1*	59.9*	65.0
Stone 2385NRR	3	9-13	36	1	70.0*	--	--
Morsoy RT 3807N	2, 5	9-18	42	2	69.8*	--	--
Stone 2377NRR	3	9-11	37	1	69.4*	--	--
Mersch. Coolidge 734RR	1, 11	9-11	35	1	68.8*	48.4	58.6
Asgrow AG3705	5	9-16	44	1	68.8*	53.4	61.1
Stone 2346NRR	3	9-13	40	2	68.5*	--	--
NK Brand S39-A3	5	9-17	37	1	68.4*	--	--
Mersch. Monroe 735RR	1, 11	9-15	39	2	68.0*	58.0*	63.0
Taylor 353RR	6, 10	9-13	39	1	68.0*	62.7**	65.4
Midland MG 3628NRR	11	9-11	37	1	67.9*	--	--
Morsoy RT 3636N	2, 5	9-16	42	1	67.3*	59.4*	63.4
MPride/MPV 3908nRR/STS	NA	9-14	39	1	67.3*	--	--
Kruger K-340RR/SCN	5	9-10	34	1	67.3*	--	--
Kruger K-384RR/SCN	5	9-17	39	2	67.0*	--	--
NuTech NT-7399	5	9-13	40	1	66.6*	--	--
Asgrow AG3905	5	9-17	43	2	66.5*	51.6	59.1
Dyna-Gro 35Y36	5	9-14	41	1	66.4*	--	--
NuTech NT-7366+	5	9-13	40	1	66.4*	--	--
Renze R3726RR	5	9-09	36	1	66.2*	56.8	61.5
Asgrow AG3803	5	9-13	45	2	66.1*	--	--
Asgrow AG3205	5	9-08	38	1	66.1*	--	--
NuTech NT-7345	5	9-08	43	2	65.9*	--	--
Dyna-Gro 37J34	5	9-11	39	1	65.7*	--	--
Asgrow AG3603	5	9-10	44	1	65.6*	--	--
NuTech NT-7368	5	9-10	39	1	65.6*	--	--
Kruger K-363RR/SCN	5	9-13	42	1	65.4*	59.4*	62.4
Lewis 3827	6, 11	9-17	40	1	65.4*	57.1	61.3
NuTech NT-3888 RR/SCN	5	9-12	42	1	65.3*	54.0	59.7
Mersch. Kennedy 836RR	1, 11	9-13	40	1	65.2*	--	--
Renze R3797RRcn	5	9-12	38	2	65.2*	54.6	59.9
Lewis 3908	6, 11	9-12	37	1	64.6	--	--
Bio Gene BG 3708RN	--	9-12	38	1	64.6	--	--
NK Brand S37-F7	5	9-12	40	1	64.6	--	--
Willcross RR2367NR	2	9-14	37	1	64.6	59.7*	62.2
Kruger K-348RR/SCN	5	9-10	39	1	64.5	--	--
Crow's C3916R	None	9-17	43	3	63.9	--	--
Morsoy RT 3887N	2, 5	9-16	42	2	63.7	--	--
Midwest Seed Gen. GR3934	None	9-14	42	3	63.4	--	--
NK Brand S37-P5	5	9-10	36	1	63.4	--	--
Kruger K-316RR/SCN	5	9-07	36	1	63.4	--	--
Prairie Brand PB-3997NRRS	5	9-11	40	1	63.3	--	--

TABLE 6. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
NC+ 3A93RR	None	9-11	40	2	63.3	--	--
Pioneer 93M61	3, 4, 8	9-10	36	1	63.1	--	--
Mersch. Roosevelt 737RR	1, 11	9-10	40	1	63.0	55.7	59.4
Willcross RR2378N	2	9-16	38	1	63.0	--	--
Kruger K-389RR/SCN	5	9-15	41	2	62.6	54.2	58.4
NuTech NT-7366	2	9-11	42	1	62.4	--	--
Morsoy RT 3737N	2, 5	9-13	41	1	62.3	--	--
Crow's C3817R	None	9-12	40	3	62.3	53.6	58.0
Morsoy RT 3966N+	11	9-17	35	1	62.2	--	--
Morsoy RT 3804N	2, 5	9-17	43	4	62.0	53.2	57.6
Renze R3788RRcn	--	9-15	42	2	62.0	--	--
Stine 3620-4	None	9-13	42	1	62.0	--	--
Kruger K-328RR	5	9-08	36	1	61.9	--	--
Kruger K-382RR/SCN	5	9-11	40	1	61.5	57.9*	59.7
Taylor 398RRS	6, 10	9-12	36	2	61.3	51.8	56.6
MPride/MPV 3805nRR/STS	NA	9-13	36	2	61.1	51.8	56.5
LG C3988NRR	3, 8	9-13	44	1	60.8	--	--
NuTech NT-3909+ RR/SCN	5	9-17	37	1	60.8	56.8	58.8
Willcross RR2338NEXP	2	9-06	33	1	60.6	--	--
Morsoy RT 3936N	2, 5	9-15	45	2	60.4	61.3*	60.9
Kruger K-315RR/SCN	5	9-07	44	2	60.1	--	--
BioGene BG 3807RN	--	9-14	37	1	60.1	59.5*	59.8
Lewis 3698	6, 11	9-10	39	1	60.1	--	--
Kruger KY3817RN	5	9-11	44	4	59.8	--	--
Prairie Brand PB-3796NRR	5	9-11	35	1	59.5	--	--
Midland MG 3958NRS	11	9-13	37	1	59.5	--	--
MPride/MPV 3808nRR	NA	9-10	38	1	59.5	--	--
Kruger K-321RR/SCN/LINO	5	9-09	36	1	59.5	--	--
Pioneer 93M96	3, 4, 8	9-12	40	1	59.4	51.7	55.6
Morsoy RT 3966N	None	9-16	38	1	59.4	--	--
Lewis 3968	6, 11	9-12	40	1	59.3	--	--
Renze R3835SRcn	5	9-13	40	2	58.9	56.9	57.9
NK Brand S36-C7	5	9-11	35	1	58.9	51.5	55.2
Kruger K-341RR/SCN	5	9-11	34	1	58.7	57.0	57.9
Asgrow AG3504	5	9-10	44	2	58.1	--	--
Midland MG 9A385NRS	11	9-15	36	1	56.3	54.9	55.6
Willcross RR2385N	2	9-17	39	3	56.3	55.0	55.7
Dyna-Gro 32C38	5	9-12	42	3	55.9	51.5	53.7
Midland MG 3618NRR	11	9-12	36	3	54.7	--	--
NK Brand S38-D5	5	9-13	35	2	54.3	--	--
NK Brand S33-A8	5	9-06	43	3	51.9	48.2	50.1
Asoyia 3407RR	1, 11, 6	9-05	38	1	49.4	--	--
Asoyia 3757RR	1, 11, 6	9-10	38	1	46.7	--	--
Asoyia 3217RR	1, 11, 6	9-04	37	2	45.3	--	--
Asoyia 3027RR	1, 11, 6	9-05	40	4	42.9	--	--
GROUP 3 AVERAGE		9-11	39	1	62.7	55.4	59.1
L.S.D. AT .10					6.5	5.1	
C.V. %					7.3	6.5	

TABLE 6. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
MATURITY GROUP 4							
Mersch. Nashville 749RR	1, 11	9-27	46	2	77.9**	--	--
NuTech NT-7417	5	9-18	39	2	77.4*	--	--
Prairie Brand PB-4036NRRS	5	9-22	4	1	74.3*	54.0	64.2
Mersch. Austin 643RR	1, 11	9-23	41	1	73.1*	61.3*	67.2
Kruger K-410RR/SCN	5	9-21	44	1	70.9*	60.2*	65.6
Stine 4020-4	None	9-20	43	1	70.2	--	--
NuTech NT-7438	5	9-21	39	1	69.8	--	--
Morsoy RT 4126N	2, 5	9-18	44	1	69.7	--	--
NuTech NT-4242 RR/SCN	5	9-20	41	1	68.5	59.8*	64.2
NuTech NT-7406	5	9-18	42	1	68.3	--	--
Mersch. Houston 747RR	1, 11	9-25	38	1	66.5	58.6*	62.6
Prairie Brand PB-4157NRRS	5	9-19	42	2	66.2	--	--
Mersch. Denver 742RR	1, 11	9-19	39	1	65.7	55.3	60.5
Pioneer 94M30	3, 4, 8	9-23	48	3	64.0	56.1*	60.1
Mersch. Rocky RR	1, 11	9-25	43	4	63.8	51.4	57.6
Kruger K-433RR/SCN	5	9-22	49	2	61.9	54.9	58.4
Mersch. Norfolk 741RR	1, 11	9-22	52	1	60.7	56.8*	58.8
Renze R4038SRcn	--	9-19	43	3	57.6	--	--
Asgrow AG4103	5	9-20	47	2	56.9	--	--
NuTech NT-4444+ RR/SCN	5	9-24	53	3	56.4	56.3*	56.4
MPride/MPV 4406nRR	NA	9-21	50	3	55.4	57.7*	56.6
Mersch. Memphis 642RR	1, 11	9-23	52	3	53.0	55.4	54.2
NuTech NT-7443	5	9-24	52	3	52.9	--	--
Mersch. Dallas RR	1, 11	9-24	44	3	41.6	47.0	44.3
GROUP 4 AVERAGE		9-21	43	2	64.3	55.3	59.8
L.S.D. AT .10					7.5	6.1	
C.V. %					7.9	7.6	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 7. Performance Summary for Glyphosate Resistant Varieties evaluated at Five North Missouri locations (Craig, Albany, Mooresville, Macon, LaGrange) during 2007.

<u>Craig</u> Planted: 05-24 Harvested: 10-30,31 Growing Season Rainfall: 24.6 in.	<u>Albany</u> Planted: 05-18 Harvested: 10-12 Growing Season Rainfall: 21.3 in.	<u>Mooresville</u> Planted: 05-25 Harvested: 10-29 Growing Season Rainfall: 19.7 in.
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<u>Macon</u> Planted: 05-25 Harvested: 10-02,05 Growing Season Rainfall: 15.9 in.	<u>LaGrange</u> Planted: 05-15 Harvested: 10-04 Growing Season Rainfall: 12.2 in.
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Brand-Variety	Yield (Bu/Acre)					Mean
	Craig	Albany	Mooresville	Macon	LaGrange	
MATURITY GROUP 3						
Morsoy RT 3807N	58.3	64.5**	47.6*	68.9*	69.8*	61.8**
Kruger K-333RR/SCN	65.5**	58.8	42.8	65.3*	71.5**	60.8*
Kruger K-384RR/SCN	58.8	60.9*	47.3*	69.7**	67.0*	60.7*
Kruger K-340RR/SCN	64.7*	60.0	43.2	66.1*	67.3*	60.2*
Asgrow AG3705	57.3	58.4	45.8*	67.8*	68.8*	59.6*
Prairie Brand PB-3637NRR	61.8*	60.2	44.5*	61.5	70.1*	59.6*
NuTech NT-7368	56.8	59.7	43.9*	69.6*	65.6*	59.1
Asgrow AG3803	53.2	61.2*	46.5*	66.1*	66.1*	58.6
NK Brand S39-A3	59.4	60.3	39.6	64.7	68.4*	58.5
Morsoy RT 3636N	57.3	59.2	44.7*	62.2	67.3*	58.1
Mersch. Coolidge 734RR	61.5*	56.2	42.6	60.6	68.8*	57.9
Kruger K-363RR/SCN	55.7	62.8*	43.2	62.6	65.4*	57.9
Morsoy RT 3936N	56.9	59.0	47.1*	66.1*	60.4	57.9
Lewis 3827	59.0	57.1	42.9	64.8*	65.4*	57.8
Taylor 398RRS	56.2	60.2	45.5*	66.0*	61.3	57.8
Morsoy RT 3887N	54.2	57.1	46.5*	67.3*	63.7	57.8
NuTech NT-7399	59.1	57.1	44.4*	61.2	66.6*	57.7
MPride/MPV 3908nRR/STS	59.1	56.9	40.9	63.4	67.3*	57.5
NK Brand S37-F7	61.4*	58.9	42.8	59.8	64.6	57.5
NK Brand S37-P5	59.4	62.3*	38.8	63.4	63.4	57.5
Prairie Brand PB-3997NRRS	59.2	57.6	43.6	62.8	63.3	57.3
Stone 2346NRR	56.3	53.8	43.9*	63.8	68.5*	57.2
Midland MG 3628NRR	55.3	58.0	40.4	64.4	67.9*	57.2
Pioneer 93M61	61.2*	57.1	44.3*	59.9	63.1	57.1
Dyna-Gro 37J34	56.1	58.3	40.7	64.8*	65.7*	57.1
Morsoy RT 3804N	57.5	57.9	47.6*	60.5	62.0	57.1
Stone 2385NRR	60.2	59.4	31.6	64.1	70.0*	57.1
Mersch. Monroe 735RR	58.2	56.0	44.4*	58.5	68.0*	57.0
NuTech NT-3909+ RR/SCN	54.0	55.9	47.4*	66.7*	60.8	57.0
NuTech NT-3888 RR/SCN	56.5	56.7	42.0	64.0	65.3*	56.9
Renze R3726RR	61.2*	59.1	40.6	57.1	66.2*	56.8
Lewis 3968	59.3	58.2	43.4	63.9	59.3	56.8
Dyna-Gro 35Y36	51.6	56.6	42.9	66.4*	66.4*	56.8
Midland MG 3958NRS	60.1	59.8	48.4**	55.9	59.5	56.7
Crow's C3916R	52.8	58.8	47.3*	60.7	63.9	56.7
Asgrow AG3205	56.2	53.6	46.9*	60.5	66.1*	56.6
Stone 2377NRR	55.5	52.6	45.1*	60.7	69.4*	56.6
Lewis 3908	55.9	55.1	44.3*	63.4	64.6	56.6
Asgrow AG3905	57.8	53.6	42.4	62.9	66.5*	56.6
Kruger K-389RR/SCN	52.5	59.6	47.4*	60.9	62.6	56.6

Table 7. Continued.

Brand-Variety	Yield (Bu/Acre)					Mean
	Craig	Albany	Mooreville	Macon	LaGrange	
Asgrow AG3603	53.5	55.0	42.6	66.3*	65.6*	56.6
MPride/MPV 3808nRR	57.3	56.5	44.0*	65.3*	59.5	56.5
Midwest Seed Gen. GR3934	58.2	57.1	44.9*	59.0	63.4	56.5
Willcross RR2367NR	57.8	57.4	42.9	58.8	64.6	56.3
Kruger K-382RR/SCN	56.9	58.3	41.3	62.8	61.5	56.2
NuTech NT-3777+ RR/SCN	59.4	60.0	33.6	56.7	70.7*	56.1
LG C3988NRR	52.7	56.9	43.7*	64.3	60.8	55.7
BioGene BG 3807RN	61.1*	59.2	43.4	54.4	60.1	55.6
Kruger KY3817RN	54.3	53.8	44.3*	65.8*	59.8	55.6
Asgrow AG3504	54.5	58.7	39.6	65.9*	58.1	55.4
Kruger K-328RR	56.4	58.0	33.7	66.6*	61.9	55.3
Morsoy RT 3966N+	54.9	55.3	43.1	60.6	62.2	55.2
Mersch. Kennedy 836RR	50.7	57.4	43.2	58.2	65.2*	54.9
NuTech NT-7345	53.6	53.8	42.3	58.9	65.9*	54.9
Kruger K-348RR/SCN	53.2	53.8	43.2	59.7	64.5	54.9
NuTech NT-7366+	50.1	57.2	47.2*	53.4	66.4*	54.9
Willcross RR2338NEXP	55.9	56.7	39.8	61.2	60.6	54.8
NC+ 3A93RR	50.1	60.6*	44.8*	55.4	63.3	54.8
Prairie Brand PB-3796NRR	56.1	54.4	46.1*	56.5	59.5	54.5
Bio Gene BG 3708RN	58.0	54.3	40.7	54.9	64.6	54.5
Taylor 353RR	57.5	60.2	31.7	55.1	68.0*	54.5
Willcross RR2386	58.2	54.9	32.0	56.9	70.1*	54.4
Willcross RR2385N	52.6	57.1	47.1*	58.8	56.3	54.4
MPride/MPV 3805nRR/STS	51.7	58.5	45.6*	54.8	61.1	54.3
Dyna-Gro 32C38	53.3	58.8	45.7*	57.9	55.9	54.3
Renze R3797RRcn	52.9	58.6	42.4	51.8	65.2*	54.2
Midland MG 9A385NRS	52.3	58.5	45.8*	57.9	56.3	54.2
Pioneer 93M96	55.2	56.6	40.2	58.4	59.4	54.0
Renze R3835SRcn	56.4	56.5	45.0*	52.7	58.9	53.9
Mersch. Roosevelt 737RR	57.5	54.5	40.7	53.5	63.0	53.8
Lewis 3698	53.7	58.7	42.2	54.5	60.1	53.8
Crow's C3817R	54.3	54.1	42.8	55.3	62.3	53.8
Morsoy RT 3966N	54.4	56.4	42.6	55.5	59.4	53.7
Kruger K-321RR/SCN/LINO	50.8	59.2	36.9	61.4	59.5	53.6
Midland MG 3618NRR	57.0	57.6	41.4	56.9	54.7	53.5
NuTech NT-7366	49.0	60.6*	40.1	55.1	62.4	53.4
Kruger K-316RR/SCN	52.0	51.3	37.7	62.3	63.4	53.3
Kruger K-315RR/SCN	52.6	57.4	39.3	57.0	60.1	53.3
Stine 3620-4	53.7	57.0	42.3	49.9	62.0	53.0
Kruger K-341RR/SCN	50.8	53.2	39.8	60.5	58.7	52.6
Morsoy RT 3737N	48.0	57.6	42.4	52.3	62.3	52.5
Renze R3788RRcn	51.5	55.6	40.0	51.5	62.0	52.1
Willcross RR2378N	52.6	54.9	41.3	48.6	63.0	52.1
NK Brand S36-C7	52.6	55.9	37.9	54.0	58.9	51.9
NK Brand S38-D5	51.0	54.9	36.3	52.0	54.3	49.7
NK Brand S33-A8	57.2	55.7	26.9	53.0	51.9	48.9
Asoyia 3757RR	51.8	53.6	22.7	49.9	46.7	44.9
Asoyia 3407RR	51.4	48.7	27.9	41.0	49.4	43.7
Asoyia 3027RR	51.2	51.5	19.1	45.5	42.9	42.0
Asoyia 3217RR	47.0	48.1	18.5	46.6	45.3	41.1
GROUP 3 AVERAGE	55.6	57.1	41.5	59.6	62.7	55.3
L.S.D. AT .10	5.1	4.1	4.7	4.9	6.5	2.3
C.V. %	6.4	5.0	7.9	5.8	7.3	6.5

Table 7. Continued.

Brand-Variety	Yield (Bu/Acre)					Mean
	Craig	Albany	Mooreville	Macon	LaGrange	
MATURITY GROUP 4						
Prairie Brand PB-4036NRRS	59.2*	55.8*	41.9*	62.9**	74.3*	58.8**
Morsoy RT 4126N	60.7*	58.8**	43.7*	61.2*	69.7	58.8**
NuTech NT-7417	58.3*	55.7*	41.9*	60.7*	77.4*	58.8**
NuTech NT-4242 RR/SCN	62.0**	56.5*	42.8*	62.2*	68.5	58.4*
NuTech NT-7406	60.7*	57.3*	43.2*	61.5*	68.3	58.2*
NuTech NT-7438	59.5*	58.5*	43.1*	57.7	69.8	57.7*
Stine 4020-4	60.1*	54.5	43.6*	58.4	70.2	57.4*
Prairie Brand PB-4157NRRS	56.1	57.1*	44.7*	60.6*	66.2	56.9*
Kruger K-410RR/SCN	55.3	58.3*	39.6	60.2*	70.9*	56.8*
Mersch. Nashville 749RR	56.3	54.2	40.4*	55.0	77.9**	56.8*
Pioneer 94M30	57.2	56.3*	43.2*	59.4*	64.0	56.0
Mersch. Norfolk 741RR	59.6*	56.8*	43.6*	55.9	60.7	55.3
Renze R4038SRcn	59.3*	57.1*	42.5*	57.8	57.6	54.8
Mersch. Austin 643RR	55.4	53.6	40.2*	51.7	73.1*	54.8
Mersch. Denver 742RR	53.1	50.1	45.0**	57.2	65.7	54.2
Mersch. Rocky RR	52.4	51.6	41.5*	59.9*	63.8	53.8
Mersch. Houston 747RR	56.1	53.1	39.3	54.2	66.5	53.8
Kruger K-433RR/SCN	51.8	53.2	44.2*	56.4	61.9	53.5
Asgrow AG4103	55.9	55.0	39.8	57.7	56.9	53.1
NuTech NT-4444+ RR/SCN	55.5	52.6	43.0*	57.5	56.4	53.0
MPride/MPV 4406nRR	50.8	55.2	40.7*	58.0	55.4	52.0
NuTech NT-7443	53.9	53.9	39.8	56.9	52.9	51.5
Mersch. Memphis 642RR	49.5	48.7	38.9	58.1	53.0	49.6
Mersch. Dallas RR	53.1	54.3	32.3	48.8	41.6	46.0
GROUP 4 AVERAGE	56.3	54.9	41.6	57.9	64.3	55.0
L.S.D. AT .10	4.5	3.1	5.0	4.2	7.5	2.2
C.V. %	5.3	3.7	8.0	4.9	7.9	6.0

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

Note: To view seed treatments for these varieties refer to the location table or the characteristics chart.

TABLE 8. Non-Glyphosate Resistant / Special Traits Soybean Test

North Region: Albany, MO (Gentry County)

Soil Type: Grundy Silt Loam Soil Test: pH=6.0, OM=2.3%, P=74, K=302

Cyst Nematode Population at Planting: 165 Eggs/250cc of Soil

Rainfall: May=9.5, June=1.1, July=2.3, Aug.=6.2, Sept.=2.2 Total=21.3 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2 Yr. Mean	
					-----bu/acre-----		
Asoyia 3517SCN	1, 11, 6	9-22	35	1	56.4**	--	--
MPride/MPV 415CN	NA	9-29	40	1	55.6*	--	--
Asoyia 3867SCN	1, 11, 6	9-26	35	1	54.9*	--	--
High Yield Check 3	--	9-29	36	1	54.7*	--	--
High Yield Check 2	--	9-23	36	1	54.1*	--	--
High Yield Check 1	--	9-27	33	1	53.9*	--	--
Schillinger 435.TCS	None	9-28	36	1	52.5	--	--
Asoyia 3257	1, 11, 6	9-21	35	1	51.1	--	--
Schillinger XP38LL	None	9-26	32	1	46.9	--	--
Asoyia 3106SCN	1, 11, 6	9-24	32	1	45.0	--	--
Schillinger 446F.HP	None	9-26	38	1	43.6	--	--
TEST AVERAGE		9-25	35	1	51.7	--	--
L.S.D. AT .10					3.2		
C.V. %					5.1		

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxytrobilin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxytrobilin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 9. Non-Glyphosate Resistant / Special Traits Soybean Test

North Region: Mooresville, MO (Livingston County)

Soil Type: Grundy Silt Loam Soil Test: pH=6.9, OM=2.8%, P=32, K=314

Cyst Nematode Population at Planting: 932 Eggs/250cc of Soil

Rainfall: May=6.3, June=2.6, July=2.4, Aug.=6.0, Sept.=2.4 Total=19.7 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		2 Yr. Mean
		Maturity Date	Plant Height (in)	Lodging Score	2007	2004	
High Yield Check 1	--	9-23	30	1	51.7**	58.6	55.2
High Yield Check 2	--	9-20	32	1	49.8*	58.2	54.0
MPride/MPV 415CN	NA	9-26	37	1	48.5*	--	--
High Yield Check 3	--	9-25	36	1	47.8*	68.0**	57.9
Schillinger 435.TCS	None	9-25	31	1	46.1*	--	--
Asoyia 3867SCN	1, 11, 6	9-18	31	1	42.1	--	--
Schillinger XP38LL	None	9-19	31	1	35.2	--	--
Asoyia 3517SCN	1, 11, 6	9-17	28	1	34.2	--	--
Asoyia 3106SCN	1, 11, 6	9-10	33	1	32.9	--	--
Asoyia 3257	1, 11, 6	9-17	32	1	30.9	--	--
Schillinger 446F.HP	None	9-22	32	1	26.6	--	--
TEST AVERAGE		9-19	32	1	40.5	--	--
L.S.D. AT .10					6.9		
C.V. %					13.5		

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxytrobilin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxytrobilin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 10. Non-Glyphosate Resistant / Special Traits Soybean Test

North Region: Macon, MO (Macon County)

Soil Type: Mexico Silt Loam Soil Test: pH=6.7, OM=1.6%, P=22, K=166

Cyst Nematode Population at Planting: 4988 Eggs/250cc of Soil

Rainfall: May=4.1, June=3.4, July=1.0, Aug.=5.6, Sept.=1.8 Total=15.9 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2 Yr. Mean	
					-----bu/acre-----		
High Yield Check 3	--	9-26	34	1	59.7**	--	--
High Yield Check 1	--	9-25	26	1	55.1	--	--
MPride/MPV 415CN	NA	9-27	32	1	52.8	--	--
Asoyia 3867SCN	1, 11, 6	9-25	29	1	50.1	--	--
High Yield Check 2	--	9-24	25	1	48.8	--	--
Schillinger XP38LL	None	9-24	27	1	46.9	--	--
Schillinger 435.TCS	None	9-26	26	1	45.9	--	--
Asoyia 3517SCN	1, 11, 6	9-21	25	1	39.4	--	--
Asoyia 3257	1, 11, 6	9-18	22	1	39.1	--	--
Asoyia 3106SCN	1, 11, 6	9-14	24	1	38.8	--	--
Schillinger 446F.HP	None	9-24	30	1	37.4	--	--
TEST AVERAGE		9-22	27	1	46.7	--	--
L.S.D. AT .10					3.6		
C.V. %					6.3		

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxytrobilin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxytrobilin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 11. Non-Glyphosate Resistant / Special Traits Soybean Test

North Region: LaGrange, MO (Lewis County)

Soil Type: Westerville Silt Loam Soil Test: pH=5.1, OM=1.8%, P=222, K=518

Cyst Nematode Population at Planting: 830 Eggs/250cc of Soil

Rainfall: May=4.1, June=1.6, July=1.0, Aug.=4.0, Sept.=1.5 Total=12.2 in

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2004	2 Yr. Mean
High Yield Check 1	--	9-15	32	1	58.0**	44.0	51.0
High Yield Check 3	--	9-15	36	1	57.3*	53.0**	55.2
Asoyia 3867SCN	1, 11, 6	9-12	34	1	55.7*	--	--
Schillinger XP38LL	None	9-12	34	1	54.6*	--	--
High Yield Check 2	--	9-13	34	1	53.7*	41.7	47.7
MPride/MPV 415CN	NA	9-17	36	2	53.5*	--	--
Schillinger 435.TCS	None	9-16	35	1	53.5*	--	--
Asoyia 3517SCN	1, 11, 6	9-12	33	1	46.6	--	--
Asoyia 3257	1, 11, 6	9-10	35	1	44.6	--	--
Asoyia 3106SCN	1, 11, 6	9-04	36	2	43.5	--	--
Schillinger 446F.HP	None	9-15	37	1	37.7	--	--
TEST AVERAGE		9-12	35	1	50.8	--	--
L.S.D. AT .10					4.7		
C.V. %					7.6		

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxytrobilin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxytrobilin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 12. Performance Summary for Non-Glyphosate Resistant / Special Traits Varieties evaluated at Four North Missouri locations (Albany, Mooresville, Macon, LaGrange) during 2007.

Albany
 Planted: 05-18
 Harvested: 10-12
 Growing Season Rainfall: 21.3 in.

Mooresville
 Planted: 05-25
 Harvested: 10-29
 Growing Season Rainfall: 19.7 in.

Macon
 Planted: 05-25
 Harvested: 10-05
 Growing Season Rainfall: 15.9 in.

LaGrange
 Planted: 05-15
 Harvested: 10-04
 Growing Season Rainfall: 12.2 in

Brand-Variety	Yield (Bu/Acre)				Mean
	Albany	Mooresville	Macon	LaGrange	
High Yield Check 3	54.7*	47.8*	59.7**	57.3*	54.9**
High Yield Check 1	53.9*	51.7**	55.1	58.0**	54.7*
MPride/MPV 415CN	55.6*	48.5*	52.8	53.5*	52.6*
High Yield Check 2	54.1*	49.8*	48.8	53.7*	51.6
Asoyia 3867SCN	54.9*	42.1	50.1	55.7*	50.7
Schillinger 435.TCS	52.5	46.1*	45.9	53.5*	49.5
Schillinger XP38LL	46.9	35.2	46.9	54.6*	45.9
Asoyia 3517SCN	56.4**	34.2	39.4	46.6	44.2
Asoyia 3257	51.1	30.9	39.1	44.6	41.4
Asoyia 3106SCN	45.0	32.9	38.8	43.5	40.0
Schillinger 446F.HP	43.6	26.6	37.4	37.7	36.3
TEST AVERAGE	51.7	40.5	46.7	50.8	47.4
L.S.D. AT .10	3.2	6.9	3.6	4.7	2.3
C.V. %	5.1	13.5	6.3	7.6	8.1

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

Note: To view seed treatments for these varieties refer to the location table or the characteristics chart.

Central Region Crop Management Summary

There are five locations in the Central Region for Glyphosate Resistant Soybean Tests this year. They are located in counties where a significant number of acres of soybean are grown according to the Missouri Agricultural Statistics Service. Cultural practices vary slightly between locations, but tend to reflect those followed by farmers in the area.

Yields at four of the five locations were good this year, even though rainfall was short for most of the Central Region. At Truxton, rainfall for the period from July 1 – September 30 totaled a mere 4.4”, whereas the normal for that period is 10.7”. The plants were very short (average height of 26”) and the pods were sparse and small. Average yields there only reached 14.6 bushels/acre and 19.5 bushels/acre for the maturity group three and maturity group four tests respectively.

Climatological information for the growing season (May 1 – September 30) for the Central Region is summarized below and cultural practices for each site are listed in Table 13.

Average temperature = 73.4 degrees, 2.3 degrees above normal

Average precipitation = 15.6”, 4.1” below normal

Table 13. Central Region Crop Management Summary

Location	Planting date	Harvest date	Fertilizer			Tillage	Herbicide	
			N	P ₂ O ₅	K ₂ O		Pre	Post
<i>Glyphosate Resistant Soybean Tests</i>								
Henrietta	05-15	10-09	0	0	0	Conventional	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	Roundup WeatherMax, Assure II
Grand Pass	05-22	10-24	0	0	0	No-till	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	Roundup WeatherMax, Assure II
Columbia	05-16	09-27	0	46	60	No-till	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	Roundup WeatherMax
Truxton	05-17	10-16	0	0	0	No-till	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	Roundup WeatherMax
Annada	05-14	10-01	0	0	0	Minimum	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	Roundup WeatherMax

TABLE 14. Glyphosate Resistant Soybean Test

Central Region: Henrietta, MO (Ray County)

Soil Type: Haynie Silt Loam Soil Test: pH=5.6, OM=1.7%, P=58, K=524

Cyst Nematode Population at Planting: 165 Eggs/250cc of Soil

Rainfall: May=8.0, June=8.1, July=0.8, Aug.=3.2, Sept.=2.9 Total=23.0 in.

Irrigation: 0 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
MATURITY GROUP 3							
Morsoy RT 3804N	2, 5	9-28	44	2	79.4**	47.3*	63.4
NK Brand S39-A3	5	9-24	42	1	77.9*	--	--
Morsoy RT 3936N	2, 5	9-28	48	3	77.3*	47.7*	62.5
Lewis 3968	6, 11	9-20	41	2	77.1*	--	--
Willcross RR2397N	2	9-30	48	3	76.0*	47.7*	61.9
Asgrow AG3803	5	9-24	42	2	75.6*	--	--
Pioneer 93M61	3, 4, 8	9-18	42	1	75.2*	--	--
Mersch. Monroe 735RR	1, 11	9-22	44	2	74.3*	--	--
Kruger K-384RR/SCN	5	9-26	44	2	74.3*	--	--
Croplan Genetics RC3864	4, 12	9-26	42	2	74.1*	--	--
Dyna-Gro 35G38	5	9-29	43	2	74.0*	--	--
NC+ 3A79RR	None	9-22	44	1	74.0*	48.6*	61.3
Morsoy RT 3807N	2, 5	9-25	44	2	73.4*	--	--
Pioneer 93M96	3, 4, 8	9-25	44	2	72.6	49.7*	61.2
Asgrow AG3905	5	9-27	46	2	71.8	45.1	58.5
Prairie Brand PB-3894NRRS	5	9-21	43	2	71.7	48.6*	60.2
Morsoy RT 3887N	2, 5	9-25	43	2	71.4	--	--
Asgrow AG3705	5	9-26	45	2	71.3	50.9*	61.1
Stone 2385NRR	3	9-19	42	2	71.2	50.7*	61.0
NK Brand S37-P5	5	9-22	40	2	71.2	--	--
NK Brand S37-F7	5	9-23	42	2	71.1	--	--
Midland MG 3738NRR	11	9-23	45	2	71.0	--	--
MPride/MPV 3808nRR	NA	9-21	39	1	71.0	--	--
Kruger KY3817RN	5	9-23	50	3	70.6	--	--
NuTech NT-3909+ RR/SCN	5	9-25	40	2	70.5	45.3	57.9
Mersch. Coolidge 734RR	1, 11	9-28	39	2	70.4	--	--
MPride/MPV 3908nRR/STS	NA	9-23	41	1	70.4	--	--
Willcross RR2385N	2	9-25	40	2	70.3	48.2*	59.3
Prairie Brand PB-3997NRRS	5	9-24	42	2	70.2	--	--
Midland MG 3958NRS	11	9-29	40	3	70.1	--	--
Midwest Seed Gen. GR3934	None	9-22	43	2	70.0	--	--
Kruger K-389RR/SCN	5	9-22	43	2	69.8	47.6*	58.7
NC+ 3A85RS	None	9-23	41	2	69.6	51.4*	60.5
Willcross RR2386	2	9-23	39	1	69.5	48.8*	59.2
NK Brand S36-C7	5	9-21	37	1	69.2	48.8*	59.0
NuTech NT-7366+	5	9-22	45	2	68.8	--	--
Stone 2377NRR	3	9-20	41	1	68.7	--	--
Kruger K-382RR/SCN	5	9-23	44	1	68.7	44.8	56.8
Asgrow AG3603	5	9-20	43	2	68.5	--	--
Asgrow AG3504	5	9-21	45	2	68.4	--	--
Kruger K-363RR/SCN	5	9-23	39	1	68.1	42.0	55.1
Dyna-Gro 32C38	5	9-26	44	3	68.1	53.2**	60.7
NuTech NT-3777+ RR/SCN	5	9-21	42	2	68.0	48.7*	58.4
LG C3988NRR	3, 8	9-22	42	1	67.6	--	--
Midland MG 9A385NRS	11	9-29	43	3	67.5	49.8*	58.7

TABLE 14. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Crow's C3916R	None	9-25	40	2	67.0	--	--
NC+ 3A93RR	None	9-29	46	2	66.8	--	--
MPride/MPV 3805nRR/STS	NA	9-29	43	3	66.7	48.1*	57.4
Mersch. Kennedy 836RR	1, 11	9-20	43	1	66.3	--	--
Willcross RR2387N	2	9-24	39	1	66.1	41.1	53.6
Mor soy RT 3966N	None	9-24	42	1	65.5	--	--
NuTech NT-7366	2	9-20	42	1	64.4	--	--
Mor soy RT 3966N+	11	9-22	42	1	64.2	--	--
Midland MG 3948NRR	11	9-24	42	1	64.1	--	--
NK Brand S38-D5	5	9-21	36	2	63.0	--	--
Stone 2346NRR	3	9-21	38	2	61.5	--	--
GROUP 3 AVERAGE		9-23	42	2	70.3	45.8	58.1
L.S.D. AT .10					6.1	7.6	
C.V. %					6.0	11.6	

MATURETY GROUP 4

Asgrow AG4404	5	9-29	42	2	81.9**	48.9*	65.4
Stine 4392-4	None	9-26	35	1	81.3*	--	--
Willcross RR2446N	11	10-02	52	2	77.6*	44.2	60.9
NuTech NT-4242 RR/SCN	5	9-28	43	2	77.1*	--	--
NK Brand S45-E5	None	9-29	49	2	75.3*	--	--
Mersch. Houston 747RR	1, 11	10-02	40	1	74.8*	46.8*	60.8
MPride/MPV 4406nRR	NA	10-03	48	3	74.7*	51.7**	63.2
Willcross RR2428N	11	10-01	39	1	74.1*	--	--
Pioneer 94M30	3, 4, 8	10-01	46	3	72.5	50.4*	61.5
Mor soy RT 4126N	2, 5	9-30	45	2	72.4	--	--
Mor soy RT 4327N	2, 5	9-28	37	1	71.8	--	--
Lewis 4408	6, 11	9-29	37	1	71.4	--	--
Mersch. Denver 742RR	1, 11	9-28	41	2	71.3	47.8*	59.6
Croplan Genetics RC4104	4, 12	9-26	47	2	71.1	--	--
MPride/MPV 4707nRR/STS	NA	10-01	39	1	70.8	--	--
Mor soy RT 4345N	2, 5	10-02	44	2	70.6	45.0*	57.8
Mor soy RT 4107N	2, 5	9-28	40	1	69.7	--	--
Lewis 4395	6, 11	10-03	48	3	69.5	45.3*	57.4
Mor soy RT 4485N	2	9-30	50	3	69.2	43.5	56.4
Mersch. Memphis 642RR	1, 11	9-29	49	2	69.2	39.6	54.4
Stine 4182-4	None	10-02	42	2	68.4	44.2	56.3
Midland MG 4367NRR	11	9-30	43	3	68.4	49.9*	59.2
Lewis 4207	6, 11	9-29	42	1	68.3	51.4*	59.9
Schillinger 467.RCP	2	9-29	45	3	68.2	--	--
NuTech NT-4444+ RR/SCN	5	10-02	49	2	68.1	48.9*	58.5
Dyna-Gro 38C42	5	9-26	40	1	68.1	--	--
Midwest Seed Gen. GR4455	None	10-01	48	2	67.2	--	--
Mor soy RT 4201N	2, 5	9-26	39	1	66.6	44.0	55.3
Kruger K-410RR/SCN	5	9-29	46	1	65.7	40.1	52.9
NuTech NT-7476	5	9-28	42	2	65.3	--	--
Mersch. Norfolk 741RR	1, 11	10-02	42	2	65.0	45.8*	55.4
Mersch. Nashville 749RR	1, 11	10-03	45	2	64.7	--	--
Kruger K-433RR/SCN	5	9-28	48	2	64.6	44.1	54.4
Asgrow AG4405	5	9-29	46	2	64.0	--	--
Prairie Brand PB-4157NRRS	5	10-02	44	2	63.7	--	--

TABLE 14. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Schillinger 457.RCP	2	9-24	52	3	63.5	--	--
Croplan Genetics RC4455	4, 12	9-25	48	2	63.3	--	--
Morsoy RT 4446N	2, 5	9-26	43	3	62.2	43.5	52.9
NK Brand S43-B1	5	9-26	44	2	62.2	47.9*	55.1
Midland MG 4157NRS	11	10-01	43	2	62.1	42.1	52.1
Mersch. Austin 643RR	1, 11	10-01	37	1	61.7	45.1*	53.4
Asgrow AG4103	5	9-27	48	2	61.6	41.3	51.5
Mersch. Rocky RR	1, 11	10-04	40	4	61.2	42.1	51.7
Midland MG 4477NRR	11	9-27	44	1	60.4	49.4*	54.9
Bio Gene BG 4408RSN	--	9-23	43	1	58.9	--	--
Prairie Brand PB-4477NRRS	5	9-23	42	1	58.9	--	--
Mersch. Dallas RR	1, 11	10-01	45	2	56.4	46.6*	51.5
GROUP 4 AVERAGE		9-28	44	2	68.0	44.3	56.2
L.S.D. AT .10					8.8	6.8	
C.V. %					9.1	10.8	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 15. Glyphosate Resistant Soybean Test

Central Region: Grand Pass, MO (Saline County)

Soil Type: Haynie Silt Loam Soil Test: pH=5.2, OM=1.7%, P=128, K=840

Cyst Nematode Population at Planting: 0 Eggs/250cc of Soil

Rainfall: May=8.5, June=7.2, July=1.0, Aug.=3.9, Sept.=2.0 Total=22.6 in.

Irrigation: 0 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
-----bu/acre-----							
MATURITY GROUP 3							
Asgrow AG3905	5	9-24	43	1	72.1**	57.4	64.8
NK Brand S39-A3	5	9-28	46	2	70.6*	--	--
NK Brand S37-F7	5	9-28	43	2	69.1*	--	--
MPride/MPV 3808nRR	NA	9-26	46	2	69.0*	--	--
Asgrow AG3603	5	9-23	46	1	68.3*	--	--
LG C3988NRR	3, 8	9-23	44	2	68.0*	--	--
Crow's C3916R	None	9-29	43	2	66.5*	--	--
Prairie Brand PB-3997NRRS	5	9-24	43	2	66.2*	--	--
Willcross RR2386	2	9-25	42	1	66.0*	64.6*	65.3
NuTech NT-3777+ RR/SCN	5	9-27	46	1	65.9*	61.2*	63.6
Lewis 3968	6, 11	9-26	43	1	65.9*	--	--
Stone 2377NRR	3	9-22	43	1	65.8*	--	--
Morsoy RT 3804N	2, 5	9-28	47	2	65.8*	53.6	59.7
Midland MG 3738NRR	11	9-22	43	2	65.1*	--	--
NC+ 3A79RR	None	9-28	42	1	64.7*	66.6**	65.6
Morsoy RT 3936N	2, 5	9-24	48	4	64.7*	56.7	60.7
Morsoy RT 3807N	2, 5	9-27	47	2	64.2	--	--
Willcross RR2397N	2	9-25	47	4	64.1	57.3	60.7
Asgrow AG3504	5	9-21	48	2	63.9	--	--
Midwest Seed Gen. GR3934	None	9-26	46	2	63.9	--	--
Stone 2385NRR	3	9-27	37	1	63.1	65.8*	64.5
Asgrow AG3803	5	9-25	48	2	62.9	--	--
Asgrow AG3705	5	9-23	45	2	62.7	58.3	60.5
Morsoy RT 3887N	2, 5	9-25	42	1	62.6	--	--
MPride/MPV 3908nRR/STS	NA	9-23	42	2	62.1	--	--
Kruger K-389RR/SCN	5	9-23	43	2	61.9	59.6	60.8
Mersch. Coolidge 734RR	1, 11	9-27	39	3	61.8	--	--
Stone 2346NRR	3	9-23	44	1	61.5	--	--
Dyna-Gro 32C38	5	9-27	40	3	60.0	53.5	56.8
Morsoy RT 3966N	None	9-24	44	1	59.6	--	--
Midland MG 9A385NRS	11	9-29	40	2	59.4	57.8	58.6
NC+ 3A85RS	None	9-24	43	2	59.4	52.6	56.0
Kruger K-384RR/SCN	5	9-27	46	2	59.2	--	--
Kruger K-363RR/SCN	5	9-29	43	2	58.3	58.2	58.3
NC+ 3A93RR	None	9-28	43	2	58.1	--	--
NuTech NT-3909+ RR/SCN	5	9-23	43	2	57.8	51.8	54.8
Pioneer 93M96	3, 4, 8	9-22	42	1	57.8	57.2	57.5
Midland MG 3948NRR	11	9-28	43	2	57.7	--	--
Croplan Genetics RC3864	4, 12	9-26	40	2	57.7	--	--
Mersch. Monroe 735RR	1, 11	9-22	45	1	57.2	--	--
Kruger K-382RR/SCN	5	9-28	45	2	56.9	62.1*	59.5
Willcross RR2385N	2	9-24	45	3	56.3	54.8	55.6
NuTech NT-7366	2	9-21	45	1	56.1	--	--
Pioneer 93M61	3, 4, 8	9-21	44	3	55.8	--	--
Prairie Brand PB-3894NRRS	5	9-23	38	1	55.3	54.4	54.9

TABLE 15. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Dyna-Gro 35G38	5	9-23	42	2	55.3	--	--
MPride/MPV 3805nRR/STS	NA	9-27	45	2	54.8	51.8	53.3
Morsoy RT 3966N+	11	9-28	42	1	54.6	--	--
NK Brand S37-P5	5	9-20	44	2	54.3	--	--
NK Brand S38-D5	5	9-27	41	2	53.9	--	--
Kruger KY3817RN	5	9-26	51	4	53.6	--	--
Midland MG 3958NRS	11	9-26	42	3	51.7	--	--
NK Brand S36-C7	5	9-20	38	1	50.0	56.9	53.5
Mersch. Kennedy 836RR	1, 11	9-22	43	1	46.7	--	--
NuTech NT-7366+	5	9-24	43	2	45.6	--	--
Willcross RR2387N	2	9-28	43	2	41.4	59.0	50.2
GROUP 3 AVERAGE		9-24	44	2	60.2	57.1	58.7
L.S.D. AT .10					7.8	6.0	
C.V. %					9.2	7.4	

MATURETY GROUP 4

Pioneer 94M30	3, 4, 8	9-29	47	2	63.4**	51.6	57.5
NK Brand S45-E5	None	9-30	52	2	63.2*	--	--
Morsoy RT 4327N	2, 5	9-29	41	2	62.9*	--	--
Morsoy RT 4446N	2, 5	9-28	48	1	60.9*	55.4	58.2
Morsoy RT 4107N	2, 5	9-28	47	1	60.4*	--	--
Lewis 4207	6, 11	9-29	40	2	60.0*	53.6	56.8
MPride/MPV 4707nRR/STS	NA	9-30	43	1	59.7*	--	--
Mersch. Denver 742RR	1, 11	9-26	44	1	59.4*	55.0	57.2
Bio Gene BG 4408RSN	--	9-22	44	2	59.4*	--	--
Dyna-Gro 38C42	5	9-30	43	1	59.3*	--	--
NuTech NT-4242 RR/SCN	5	9-30	44	1	59.1*	--	--
Mersch. Nashville 749RR	1, 11	10-04	46	1	57.9*	--	--
Midland MG 4367NRR	11	10-02	46	4	57.0*	50.2	53.6
Morsoy RT 4201N	2, 5	9-28	45	2	56.8*	53.4	55.1
Morsoy RT 4345N	2, 5	10-02	45	3	55.9*	54.1	55.0
NK Brand S43-B1	5	9-27	47	1	55.6*	49.7	52.7
Prairie Brand PB-4157NRRS	5	9-26	42	1	55.6*	--	--
Stine 4392-4	None	9-30	42	1	55.0	--	--
Lewis 4408	6, 11	9-29	41	2	54.8	--	--
Mersch. Houston 747RR	1, 11	10-01	41	1	54.3	53.1	53.7
Willcross RR2428N	11	9-30	45	2	53.8	--	--
Asgrow AG4103	5	9-27	47	2	53.6	52.0	52.8
Kruger K-410RR/SCN	5	9-26	47	2	53.3	61.0**	57.2
Midland MG 4157NRS	11	9-29	42	2	53.2	57.5*	55.4
Asgrow AG4405	5	9-29	44	2	52.3	--	--
Morsoy RT 4126N	2, 5	9-27	46	2	52.2	--	--
MPride/MPV 4406nRR	NA	9-26	50	2	51.7	47.9	49.8
Mersch. Rocky RR	1, 11	9-30	47	4	51.7	50.8	51.3
Asgrow AG4404	5	9-27	44	2	51.2	50.3	50.8
Mersch. Memphis 642RR	1, 11	9-27	51	2	50.4	48.8	49.6
Lewis 4395	6, 11	9-25	49	2	50.0	49.2	49.6
Mersch. Norfolk 741RR	1, 11	9-29	45	2	50.0	56.8*	53.4
Mersch. Austin 643RR	1, 11	9-29	39	1	49.9	52.3	51.1
Schillinger 457.RCP	2	9-30	52	3	49.8	--	--
Stine 4182-4	None	9-30	45	3	49.7	55.3	52.5

TABLE 15. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Kruger K-433RR/SCN	5	9-27	51	2	48.8	51.2	50.0
Croplan Genetics RC4104	4, 12	9-23	48	1	48.8	--	--
Schillinger 467.RCP	2	10-01	42	2	47.8	--	--
Morsoy RT 4485N	2	9-27	50	2	47.6	53.6	50.6
Midland MG 4477NRR	11	9-28	46	3	47.3	50.5	48.9
Willcross RR2446N	11	9-29	51	3	47.0	52.9	50.0
NuTech NT-4444+ RR/SCN	5	9-28	50	2	46.3	54.1	50.2
Prairie Brand PB-4477NRRS	5	9-26	38	1	46.2	--	--
Croplan Genetics RC4455	4, 12	9-26	49	2	45.5	--	--
NuTech NT-7476	5	9-27	42	1	44.3	--	--
Midwest Seed Gen. GR4455	None	10-02	48	3	43.2	--	--
Mersch. Dallas RR	1, 11	10-03	40	3	41.4	48.2	44.8
GROUP 4 AVERAGE		9-27	45	2	53.1	52.3	52.7
L.S.D. AT .10					7.9	5.3	
C.V. %					10.2	7.1	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 16. Glyphosate Resistant Soybean Test

Central Region: Columbia, MO (Boone County)

Soil Type: Mexico Silt Loam Soil Test: pH=5.8, OM=1.8%, P=44, K=386

Cyst Nematode Population at Planting: 1160 Eggs/250cc of Soil

Rainfall: May=3.4, June=3.0, July=2.0, Aug.=1.6, Sept.=1.5 Total=11.5 in.

Irrigation: 1.25 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
-----bu/acre-----							
MATURITY GROUP 3							
Kruger K-384RR/SCN	5	9-12	41	1	49.9**	--	--
Morsoy RT 3807N	2, 5	9-13	33	1	49.8*	--	--
Dyna-Gro 35G38	5	9-10	38	1	49.5*	--	--
Asgrow AG3803	5	9-11	36	1	49.2*	--	--
Kruger K-389RR/SCN	5	9-09	34	1	49.0*	54.4*	51.7
Crow's C3916R	None	9-12	42	1	48.7*	--	--
Kruger K-363RR/SCN	5	9-10	34	1	48.6*	48.2	48.4
NK Brand S39-A3	5	9-11	34	1	48.6*	--	--
MPride/MPV 3808nRR	NA	9-12	39	1	48.3*	--	--
Kruger K-382RR/SCN	5	9-10	33	1	48.1*	48.3	48.2
NuTech NT-3909+ RR/SCN	5	9-13	31	1	48.0*	53.3*	50.7
NC+ 3A79RR	None	9-11	33	1	47.6*	44.5	46.1
Morsoy RT 3804N	2, 5	9-11	39	1	47.6*	53.5*	50.6
Croplan Genetics RC3864	4, 12	9-14	31	1	47.6*	--	--
NK Brand S37-P5	5	9-09	37	1	47.5*	--	--
Dyna-Gro 32C38	5	9-12	38	2	47.1*	48.9	48.0
Asgrow AG3504	5	9-09	36	1	46.9*	--	--
Mersch. Coolidge 734RR	1, 11	9-09	32	1	46.8*	--	--
Mersch. Kennedy 836RR	1, 11	9-08	32	1	46.8*	--	--
Stone 2346NRR	3	9-11	38	1	46.8*	--	--
Asgrow AG3705	5	9-12	34	1	46.6*	43.5	45.1
Midland MG 9A385NRS	11	9-14	39	2	46.5*	55.7*	51.1
Prairie Brand PB-3997NRRS	5	9-14	32	1	46.4*	--	--
Prairie Brand PB-3894NRRS	5	9-07	33	1	46.1*	50.8	48.5
NC+ 3A85RS	None	9-10	35	2	46.1*	48.0	47.1
Pioneer 93M96	3, 4, 8	9-14	35	1	45.9*	42.6	44.3
NK Brand S38-D5	5	9-12	31	1	45.7	--	--
Willcross RR2385N	2	9-13	31	1	45.5	50.3	47.9
Willcross RR2387N	2	9-12	36	1	45.4	46.9	46.2
Asgrow AG3905	5	9-17	35	1	45.3	43.4	44.4
Mersch. Monroe 735RR	1, 11	9-12	33	1	45.3	--	--
NuTech NT-7366	2	9-08	32	1	45.2	--	--
Stone 2385NRR	3	9-12	32	1	45.0	45.0	45.0
MPride/MPV 3805nRR/STS	NA	9-07	35	1	44.8	43.4	44.1
Morsoy RT 3936N	2, 5	9-15	36	1	44.7	49.5	47.1
Midwest Seed Gen. GR3934	None	9-12	40	1	44.5	--	--
Morsoy RT 3887N	2, 5	9-15	34	1	44.3	--	--
Kruger KY3817RN	5	9-11	41	2	44.2	--	--
LG C3988NRR	3, 8	9-14	40	1	44.0	--	--
Asgrow AG3603	5	9-08	39	1	43.8	--	--
Pioneer 93M61	3, 4, 8	9-07	33	1	43.7	--	--
NuTech NT-3777+ RR/SCN	5	9-11	39	1	43.6	47.6	45.6
Stone 2377NRR	3	9-14	32	1	43.4	--	--
NuTech NT-7366+	5	9-06	35	1	43.4	--	--
MPride/MPV 3908nRR/STS	NA	9-15	39	2	43.1	--	--

TABLE 16. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Morsoy RT 3966N+	11	9-12	29	1	43.0	--	--
Midland MG 3948NRR	11	9-17	33	1	43.0	--	--
NK Brand S37-F7	5	9-09	33	1	42.7	--	--
Willcross RR2397N	2	9-14	37	1	42.2	52.4*	47.3
NC+ 3A93RR	None	9-09	38	1	41.7	--	--
Midland MG 3738NRR	11	9-09	35	1	41.4	--	--
Midland MG 3958NRS	11	9-16	33	1	41.3	--	--
Willcross RR2386	2	9-11	34	1	41.3	52.8*	47.1
Lewis 3968	6, 11	9-12	31	1	40.8	--	--
NK Brand S36-C7	5	9-11	35	1	40.3	36.3	38.3
Morsoy RT 3966N	None	9-14	31	1	39.1	--	--
GROUP 3 AVERAGE		9-10	35	1	45.4	48.0	46.7
L.S.D. AT .10					4.1	5.6	
C.V. %					6.1	8.2	

MATURETY GROUP 4

Morsoy RT 4126N	2, 5	9-15	35	1	52.2**	--	--
Morsoy RT 4327N	2, 5	9-17	32	1	51.0*	--	--
Prairie Brand PB-4157NRRS	5	9-18	34	1	50.7*	--	--
Kruger K-433RR/SCN	5	9-22	40	1	50.0*	63.1*	56.6
Mersch. Denver 742RR	1, 11	9-17	32	1	49.9*	54.9	52.4
Stine 4182-4	None	9-16	33	1	49.8*	58.2*	54.0
NuTech NT-4242 RR/SCN	5	9-15	35	1	49.0*	--	--
Asgrow AG4404	5	9-17	36	1	48.2*	54.7	51.5
Morsoy RT 4107N	2, 5	9-16	34	1	48.2*	--	--
Midland MG 4157NRS	11	9-17	35	1	48.0	54.6	51.3
Morsoy RT 4345N	2, 5	9-19	38	2	48.0	54.2	51.1
Willcross RR2428N	11	9-19	35	1	47.8	--	--
Kruger K-410RR/SCN	5	9-15	36	1	47.7	54.0	50.9
Pioneer 94M30	3, 4, 8	9-21	34	1	47.4	53.2	50.3
Lewis 4408	6, 11	9-19	30	1	47.4	--	--
NuTech NT-7476	5	9-20	33	1	47.4	--	--
Asgrow AG4405	5	9-21	35	1	47.0	--	--
MPride/MPV 4406nRR	NA	9-19	39	1	47.0	59.3*	53.2
Morsoy RT 4485N	2	9-22	41	1	47.0	61.0*	54.0
Croplan Genetics RC4104	4, 12	9-17	36	1	46.9	--	--
Willcross RR2446N	11	9-20	42	1	46.9	63.2**	55.1
Lewis 4395	6, 11	9-20	42	1	46.9	60.7*	53.8
Midland MG 4367NRR	11	9-19	34	2	46.8	60.6*	53.7
Dyna-Gro 38C42	5	9-17	33	1	46.7	--	--
Mersch. Houston 747RR	1, 11	9-22	32	1	46.5	53.4	50.0
Lewis 4207	6, 11	9-16	35	1	46.5	58.1*	52.3
Mersch. Norfolk 741RR	1, 11	9-19	33	1	46.4	59.8*	53.1
Croplan Genetics RC4455	4, 12	9-22	42	1	46.2	--	--
Bio Gene BG 4408RSN	--	9-12	33	1	45.7	--	--
Midwest Seed Gen. GR4455	None	9-22	43	1	45.6	--	--
NuTech NT-4444+ RR/SCN	5	9-20	40	1	45.5	62.7*	54.1
NK Brand S43-B1	5	9-17	36	1	45.3	53.2	49.3
Schillinger 457.RCP	2	9-21	47	2	45.2	--	--
NK Brand S45-E5	None	9-15	40	1	44.7	--	--
Morsoy RT 4201N	2, 5	9-17	32	1	44.6	51.9	48.3

TABLE 16. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Mersch. Rocky RR	1, 11	9-21	38	2	44.6	55.8	50.2
Asgrow AG4103	5	9-18	40	1	44.4	57.8	51.1
MPride/MPV 4707nRR/STS	NA	9-21	30	1	44.2	--	--
Midland MG 4477NRR	11	9-20	35	1	44.0	52.6	48.3
Morsoy RT 4446N	2, 5	9-19	36	1	43.9	59.8*	51.9
Mersch. Memphis 642RR	1, 11	9-21	42	1	43.7	58.5*	51.1
Mersch. Austin 643RR	1, 11	9-19	34	1	43.3	49.0	46.2
Stine 4392-4	None	9-19	31	1	43.1	--	--
Prairie Brand PB-4477NRRS	5	9-11	30	1	43.1	--	--
Mersch. Nashville 749RR	1, 11	9-22	34	1	43.0	--	--
Mersch. Dallas RR	1, 11	9-22	33	1	41.6	62.2*	51.9
Schillinger 467.RCP	2	9-22	36	1	40.6	--	--
GROUP 4 AVERAGE		9-18	36	1	46.4	55.9	51.2
L.S.D. AT .10					4.0	5.3	
C.V. %					5.9	6.5	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 17. Glyphosate Resistant Soybean Test

Central Region: Truxton, MO (Montgomery County)

Soil Type: Mexico Silt Loam Soil Test: pH=6.5, OM=2.5%, P=96, K=512

Cyst Nematode Population at Planting: 495 Eggs/250cc of Soil

Rainfall: May=3.4, June=3.5, July=1.3, Aug.=1.4, Sept.=1.7 Total=11.3 in.

Irrigation: 0 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
MATURITY GROUP 3							
MPride/MPV 3908nRR/STS	NA	9-14	28	1	23.9**	--	--
Willcross RR2397N	2	9-15	29	1	23.0*	48.6	35.8
Asgrow AG3905	5	9-14	28	1	21.2*	52.1	36.7
Midland MG 3958NRS	11	9-12	25	1	20.4	--	--
Asgrow AG3803	5	9-10	27	1	20.1	--	--
MPride/MPV 3808nRR	NA	9-10	26	1	19.3	--	--
Morsoy RT 3936N	2, 5	9-15	30	1	19.0	49.8	34.4
Prairie Brand PB-3997NRRS	5	9-09	25	1	18.6	--	--
LG C3988NRR	3, 8	9-11	27	1	18.4	--	--
NuTech NT-7366+	5	9-09	29	1	18.2	--	--
Kruger KY3817RN	5	9-12	27	1	18.1	--	--
NC+ 3A93RR	None	9-08	28	1	17.8	--	--
Crow's C3916R	None	9-08	26	1	17.7	--	--
Stone 2377NRR	3	9-11	26	1	17.7	--	--
Lewis 3968	6, 11	9-11	28	1	17.6	--	--
Midland MG 3738NRR	11	9-10	30	1	17.4	--	--
NuTech NT-3909+ RR/SCN	5	9-07	27	1	17.3	50.9	34.1
Morsoy RT 3887N	2, 5	9-08	24	1	17.2	--	--
Stone 2346NRR	3	9-10	28	1	16.9	--	--
NuTech NT-7366	2	9-06	27	1	16.9	--	--
Mersch. Kennedy 836RR	1, 11	9-07	26	1	16.7	--	--
Midland MG 9A385NRS	11	9-10	26	1	16.5	52.9	34.7
Dyna-Gro 32C38	5	9-08	25	1	16.4	51.0	33.7
Prairie Brand PB-3894NRRS	5	9-10	28	1	16.2	55.3*	35.8
Kruger K-384RR/SCN	5	9-08	28	1	16.2	--	--
Morsoy RT 3966N	None	9-09	24	1	16.1	--	--
Midwest Seed Gen. GR3934	None	9-09	27	1	16.1	--	--
Willcross RR2385N	2	9-11	26	1	15.8	54.1	35.0
Morsoy RT 3804N	2, 5	9-09	25	1	15.5	53.7	34.6
Asgrow AG3603	5	9-08	27	1	14.8	--	--
Kruger K-389RR/SCN	5	9-07	27	1	14.8	53.3	34.1
Morsoy RT 3966N+	11	9-10	26	1	14.5	--	--
Morsoy RT 3807N	2, 5	9-09	25	1	14.2	--	--
Asgrow AG3705	5	9-10	25	1	13.9	48.6	31.3
MPride/MPV 3805nRR/STS	NA	9-09	26	1	13.9	48.2	31.1
Mersch. Coolidge 734RR	1, 11	9-04	23	1	13.7	--	--
Croplan Genetics RC3864	4, 12	9-08	24	1	13.7	--	--
NC+ 3A85RS	None	9-06	25	1	13.5	51.7	32.6
NK Brand S38-D5	5	9-08	26	1	13.5	--	--
NK Brand S36-C7	5	9-06	25	1	12.4	47.9	30.2
Pioneer 93M61	3, 4, 8	9-05	27	1	11.4	--	--
NK Brand S37-P5	5	9-06	28	1	11.0	--	--
NC+ 3A79RR	None	9-05	24	1	10.8	48.9	29.9
NuTech NT-3777+ RR/SCN	5	9-05	24	1	10.7	52.4	31.6
Pioneer 93M96	3, 4, 8	9-05	28	1	10.6	49.6	30.1

TABLE 17. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Stone 2385NRR	3	9-07	24	1	9.9	46.6	28.3
Willcross RR2387N	2	9-11	29	1	9.7	49.6	29.7
NK Brand S39-A3	5	9-09	29	1	9.5	--	--
Willcross RR2386	2	9-07	25	1	9.4	50.0	29.7
Midland MG 3948NRR	11	9-07	24	1	9.1	--	--
Kruger K-363RR/SCN	5	9-05	24	1	8.3	51.7	30.0
Kruger K-382RR/SCN	5	9-03	26	1	8.1	46.0	27.1
Mersch. Monroe 735RR	1, 11	9-03	25	1	6.9	--	--
Asgrow AG3504	5	9-03	28	1	6.0	--	--
Dyna-Gro 35G38	5	9-04	25	1	5.8	--	--
NK Brand S37-F7	5	9-04	28	1	5.3	--	--
GROUP 3 AVERAGE		9-07	26	1	14.6	49.9	32.3
L.S.D. AT .10					3.0	3.7	
C.V. %					13.8	5.2	

MATURETY GROUP 4

Midwest Seed Gen. GR4455	None	9-19	23	1	25.2**	--	--
Morsoy RT 4485N	2	9-17	24	1	25.0*	56.9**	41.0
Lewis 4395	6, 11	9-22	27	1	24.6*	55.4*	40.0
Croplan Genetics RC4455	4, 12	9-18	26	1	24.4*	--	--
Mersch. Memphis 642RR	1, 11	9-22	25	1	24.1*	54.8*	39.5
Kruger K-433RR/SCN	5	9-20	26	1	23.8*	54.5*	39.2
MPride/MPV 4406nRR	NA	9-19	28	1	23.8*	55.2*	39.5
Morsoy RT 4446N	2, 5	9-14	22	1	23.5*	53.5	38.5
Willcross RR2446N	11	9-21	27	1	23.1*	56.5*	39.8
NuTech NT-4444+ RR/SCN	5	9-17	28	1	23.0*	53.8	38.4
Asgrow AG4405	5	9-17	23	1	22.9*	--	--
Mersch. Houston 747RR	1, 11	9-21	23	1	22.8	53.3	38.1
Midland MG 4477NRR	11	9-17	25	1	22.6	53.2	37.9
Morsoy RT 4107N	2, 5	9-14	22	1	22.4	--	--
Asgrow AG4103	5	9-18	27	1	22.3	52.9	37.6
Morsoy RT 4126N	2, 5	9-16	25	1	22.2	--	--
MPride/MPV 4707nRR/STS	NA	9-21	25	1	21.9	--	--
Midland MG 4157NRS	11	9-16	21	1	21.2	52.1	36.7
Bio Gene BG 4408RSN	--	9-14	25	1	21.1	--	--
Mersch. Norfolk 741RR	1, 11	9-17	25	1	21.0	53.9*	37.5
Willcross RR2428N	11	9-19	30	1	20.8	--	--
Croplan Genetics RC4104	4, 12	9-17	29	1	20.8	--	--
Mersch. Austin 643RR	1, 11	9-19	22	1	20.3	48.1	34.2
Schillinger 457.RCP	2	9-25	29	1	20.0	--	--
Pioneer 94M30	3, 4, 8	9-15	25	1	20.0	49.5	34.8
Prairie Brand PB-4157NRRS	5	9-16	25	1	19.9	--	--
Stine 4182-4	None	9-18	24	1	19.4	50.3	34.9
Mersch. Nashville 749RR	1, 11	9-19	21	1	19.3	--	--
NuTech NT-7476	5	9-16	25	1	19.3	--	--
Kruger K-410RR/SCN	5	9-15	28	1	18.6	50.1	34.4
Lewis 4408	6, 11	9-16	24	1	17.4	--	--
Mersch. Rocky RR	1, 11	9-19	26	1	17.0	48.6	32.8
Midland MG 4367NRR	11	9-15	22	1	16.6	52.7	34.7
Morsoy RT 4201N	2, 5	9-20	25	1	16.1	47.3	31.7
Morsoy RT 4327N	2, 5	9-13	20	1	16.0	--	--

TABLE 17. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Stine 4392-4	None	9-13	20	1	15.9	--	--
Morsoy RT 4345N	2, 5	9-17	27	1	15.8	51.5	33.7
Lewis 4207	6, 11	9-16	23	1	15.7	52.0	33.9
Mersch. Denver 742RR	1, 11	9-12	24	1	15.6	51.4	33.5
Dyna-Gro 38C42	5	9-17	24	1	15.1	--	--
Prairie Brand PB-4477NRRS	5	9-10	25	1	15.1	--	--
Asgrow AG4404	5	9-12	26	1	15.0	53.0	34.0
Schillinger 467.RCP	2	9-14	21	1	14.3	--	--
NK Brand S45-E5	None	9-16	29	1	14.0	--	--
Mersch. Dallas RR	1, 11	9-17	26	1	13.8	50.8	32.3
NuTech NT-4242 RR/SCN	5	9-12	24	1	13.0	--	--
NK Brand S43-B1	5	9-12	28	1	11.3	50.3	30.8
GROUP 4 AVERAGE		9-16	25	1	19.5	51.2	35.4
L.S.D. AT .10					2.4	3.1	
C.V. %					8.4	4.3	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 18. Glyphosate Resistant Soybean Test

Central Region: Annada, MO (Pike County)

Soil Type: Tice Silt Loam Soil Test: pH=5.9, OM=1.8%, P=50, K=224

Cyst Nematode Population at Planting: 333 Eggs/250cc of Soil

Rainfall: May=2.6, June=4.5, July=1.4, Aug.=1.5, Sept.=1.7 Total=11.7 in.

Irrigation: 0 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
MATURITY GROUP 3							
Midland MG 3738NRR	11	9-10	43	1	51.4**	--	--
Stone 2346NRR	3	9-11	42	2	51.3*	--	--
Asgrow AG3603	5	9-09	43	1	50.6*	--	--
Morsoy RT 3887N	2, 5	9-11	45	1	49.6*	--	--
Morsoy RT 3807N	2, 5	9-12	44	2	49.1*	--	--
LG C3988NRR	3, 8	9-15	44	2	48.8*	--	--
Stone 2385NRR	3	9-11	44	1	48.5*	50.7	49.6
Mersch. Coolidge 734RR	1, 11	9-07	38	1	47.7*	--	--
Pioneer 93M61	3, 4, 8	9-07	44	1	47.4	--	--
Asgrow AG3705	5	9-10	42	1	47.4	54.4*	50.9
Asgrow AG3803	5	9-12	46	2	47.2	--	--
Kruger K-384RR/SCN	5	9-10	44	2	47.0	--	--
Kruger K-382RR/SCN	5	9-04	42	1	47.0	46.9	47.0
Willcross RR2387N	2	9-13	42	1	46.8	50.5	48.7
NuTech NT-7366+	5	9-14	45	1	46.7	--	--
Lewis 3968	6, 11	9-14	44	2	46.6	--	--
MPride/MPV 3808nRR	NA	9-12	37	2	46.5	--	--
Kruger K-363RR/SCN	5	9-06	42	2	46.5	48.4	47.5
NuTech NT-3777+ RR/SCN	5	9-10	44	1	46.3	53.6*	50.0
Asgrow AG3905	5	9-15	45	1	46.2	50.8	48.5
NC+ 3A79RR	None	9-10	39	1	45.9	55.7**	50.8
Morsoy RT 3966N+	11	9-13	41	1	45.8	--	--
Prairie Brand PB-3997NRRS	5	9-12	43	2	45.7	--	--
Willcross RR2386	2	9-10	42	1	45.1	48.0	46.6
Dyna-Gro 35G38	5	9-04	44	2	45.0	--	--
NC+ 3A93RR	None	9-12	45	2	44.4	--	--
Morsoy RT 3936N	2, 5	9-15	48	4	44.2	48.8	46.5
NuTech NT-7366	2	9-13	44	2	44.2	--	--
Stone 2377NRR	3	9-07	38	1	44.2	--	--
Prairie Brand PB-3894NRRS	5	9-10	43	3	44.1	53.7*	48.9
Mersch. Monroe 735RR	1, 11	9-12	42	2	44.0	--	--
Mersch. Kennedy 836RR	1, 11	9-10	44	1	43.3	--	--
NK Brand S36-C7	5	9-10	38	1	43.1	50.0	46.6
MPride/MPV 3805nRR/STS	NA	9-10	37	2	43.0	50.9	47.0
Midwest Seed Gen. GR3934	None	9-10	41	1	43.0	--	--
Crow's C3916R	None	9-10	46	3	42.8	--	--
Croplan Genetics RC3864	4, 12	9-10	40	2	42.3	--	--
Willcross RR2385N	2	9-06	40	2	42.0	51.1	46.6
Willcross RR2397N	2	9-12	48	3	41.9	51.1	46.5
NuTech NT-3909+ RR/SCN	5	9-08	39	1	41.8	51.2	46.5
Asgrow AG3504	5	9-06	43	2	41.6	--	--
Kruger KY3817RN	5	9-13	45	4	41.6	--	--
Morsoy RT 3966N	None	9-13	41	2	41.6	--	--
MPride/MPV 3908nRR/STS	NA	9-15	36	1	41.5	--	--
NC+ 3A85RS	None	9-10	38	3	41.5	52.2*	46.9

TABLE 18. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Kruger K-389RR/SCN	5	9-09	39	3	41.5	49.9	45.7
Dyna-Gro 32C38	5	9-10	42	3	41.5	50.4	46.0
Morsoy RT 3804N	2, 5	9-11	39	2	41.4	47.8	44.6
Midland MG 3958NRS	11	9-15	37	1	39.7	--	--
Midland MG 9A385NRS	11	9-11	43	2	38.8	52.0*	45.4
Midland MG 3948NRR	11	9-10	40	1	38.6	--	--
NK Brand S37-F7	5	9-04	40	2	38.6	--	--
NK Brand S39-A3	5	9-05	44	1	33.3	--	--
NK Brand S37-P5	5	9-03	41	1	32.8	--	--
Pioneer 93M96	3, 4, 8	9-05	40	1	30.5	47.7	39.1
NK Brand S38-D5	5	9-10	40	2	27.1	--	--
GROUP 3 AVERAGE		9-09	42	2	43.7	49.1	46.4
L.S.D. AT .10					3.8	4.3	
C.V. %					6.0	6.2	

MATURETY GROUP 4

NuTech NT-7476	5	9-17	41	1	45.3**	--	--
Morsoy RT 4327N	2, 5	9-16	40	2	44.8*	--	--
Stine 4392-4	None	9-15	40	1	44.7*	--	--
Morsoy RT 4107N	2, 5	9-12	42	1	43.9*	--	--
Lewis 4408	6, 11	9-11	35	1	41.3*	--	--
Mersch. Norfolk 741RR	1, 11	9-17	40	2	41.0*	49.6*	45.3
Kruger K-410RR/SCN	5	9-12	42	1	40.9*	47.8	44.4
Morsoy RT 4201N	2, 5	9-11	39	1	40.8*	53.0**	46.9
Willcross RR2428N	11	9-14	41	3	40.2*	--	--
Morsoy RT 4126N	2, 5	9-14	39	3	39.9*	--	--
Bio Gene BG 4408RSN	--	9-15	47	1	39.6*	--	--
Pioneer 94M30	3, 4, 8	9-16	44	2	39.3	50.4*	44.9
Mersch. Nashville 749RR	1, 11	9-21	42	2	38.9	--	--
Mersch. Denver 742RR	1, 11	9-16	44	2	38.8	50.0*	44.4
Midland MG 4157NRS	11	9-17	42	2	38.6	49.0*	43.8
Lewis 4207	6, 11	9-12	38	2	38.4	46.6	42.5
Dyna-Gro 38C42	5	9-12	40	1	38.2	--	--
Prairie Brand PB-4477NRRS	5	9-11	42	1	38.0	--	--
Stine 4182-4	None	9-16	44	3	37.8	49.6*	43.7
NuTech NT-4242 RR/SCN	5	9-10	36	1	37.6	--	--
Morsoy RT 4345N	2, 5	9-18	45	3	37.1	46.7	41.9
MPride/MPV 4707nRR/STS	NA	9-21	38	2	37.0	--	--
Mersch. Austin 643RR	1, 11	9-16	34	1	36.5	49.8*	43.2
Asgrow AG4404	5	9-17	46	2	36.3	43.9	40.1
NK Brand S45-E5	None	9-16	47	3	36.1	--	--
Croplan Genetics RC4104	4, 12	9-16	49	1	35.7	--	--
Prairie Brand PB-4157NRRS	5	9-15	37	1	35.3	--	--
Mersch. Houston 747RR	1, 11	9-21	39	2	34.2	47.8	41.0
Midland MG 4367NRR	11	9-15	36	1	32.2	48.9*	40.6
Mersch. Rocky RR	1, 11	9-18	44	4	32.1	47.0	39.6
Schillinger 467.RCP	2	9-15	39	1	32.0	--	--
MPride/MPV 4406nRR	NA	9-18	49	1	31.3	47.1	39.2
Lewis 4395	6, 11	9-17	50	2	30.9	49.3*	40.1
Asgrow AG4103	5	9-13	46	2	29.6	46.7	38.2
Croplan Genetics RC4455	4, 12	9-17	47	1	29.1	--	--

TABLE 18. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Willcross RR2446N	11	9-17	48	1	29.0	50.0*	39.5
Morsoy RT 4485N	2	9-11	43	1	27.9	44.4	36.2
Mersch. Memphis 642RR	1, 11	9-15	45	1	27.5	46.6	37.1
Kruger K-433RR/SCN	5	9-14	43	1	27.1	50.9*	39.0
Midwest Seed Gen. GR4455	None	9-17	47	1	27.0	--	--
NK Brand S43-B1	5	9-10	39	1	26.1	40.0	33.1
NuTech NT-4444+ RR/SCN	5	9-16	48	1	26.0	44.8	35.4
Asgrow AG4405	5	9-11	44	2	25.8	--	--
Schillinger 457.RCP	2	9-17	46	4	25.2	--	--
Midland MG 4477NRR	11	9-12	41	3	24.8	49.1*	37.0
Morsoy RT 4446N	2, 5	9-11	44	3	23.9	47.9	35.9
Mersch. Dallas RR	1, 11	9-17	35	1	20.5	43.0	31.8
GROUP 4 AVERAGE		9-14	42	2	34.6	46.6	40.6
L.S.D. AT .10					5.8	4.7	
C.V. %					11.4	6.9	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 19. Performance Summary for Glyphosate Resistant Varieties evaluated at Five Central Missouri locations (Henrietta, Grand Pass, Columbia, Truxton, Annada) during 2007.

<u>Henrietta</u> Planted: 05-15 Harvested: 10-09 Growing Season Rainfall: 23.0 in. Irrigation: 0 in.	<u>Grand Pass</u> Planted: 05-22 Harvested: 10-24 Growing Season Rainfall: 22.6 in. Irrigation: 0 in.	<u>Columbia</u> Planted: 05-16 Harvested: 09-27 Growing Season Rainfall: 11.5 in. Irrigation: 1.25 in.
<u>Truxton</u> Planted: 05-17 Harvested: 10-16 Growing Season Rainfall: 11.3 in. Irrigation: 0 in.	<u>Annada</u> Planted: 05-14 Harvested: 10-01 Growing Season Rainfall: 11.7 in. Irrigation: 0 in.	

Brand-Variety	Yield (Bu/Acre)					Mean
	Henrietta	Grand Pass	Columbia	Truxton	Annada	
MATURITY GROUP 3						
Asgrow AG3905	71.8	72.1**	45.3	21.2*	46.2	51.3**
Asgrow AG3803	75.6*	62.9	49.2*	20.1	47.2	51.0*
MPride/MPV 3808nRR	71.0	69.0*	48.3*	19.3	46.5	50.8*
Morsoy RT 3807N	73.4*	64.2	49.8*	14.2	49.1*	50.1*
Morsoy RT 3936N	77.3*	64.7*	44.7	19.0	44.2	50.0*
Morsoy RT 3804N	79.4**	65.8*	47.6*	15.5	41.4	49.9*
Lewis 3968	77.1*	65.9*	40.8	17.6	46.6	49.6*
Willcross RR2397N	76.0*	64.1	42.2	23.0*	41.9	49.4*
Prairie Brand PB-3997NRRS	70.2	66.2*	46.4*	18.6	45.7	49.4*
LG C3988NRR	67.6	68.0*	44.0	18.4	48.8*	49.4*
Kruger K-384RR/SCN	74.3*	59.2	49.9**	16.2	47.0	49.3*
Midland MG 3738NRR	71.0	65.1*	41.4	17.4	51.4**	49.3*
Asgrow AG3603	68.5	68.3*	43.8	14.8	50.6*	49.2*
Morsoy RT 3887N	71.4	62.6	44.3	17.2	49.6*	49.0*
NC+ 3A79RR	74.0*	64.7*	47.6*	10.8	45.9	48.6
Crow's C3916R	67.0	66.5*	48.7*	17.7	42.8	48.5
Asgrow AG3705	71.3	62.7	46.6*	13.9	47.4	48.4
MPride/MPV 3908nRR/STS	70.4	62.1	43.1	23.9**	41.5	48.2
Mersch. Coolidge 734RR	70.4	61.8	46.8*	13.7	47.7*	48.1
NK Brand S39-A3	77.9*	70.6*	48.6*	9.5	33.3	48.0
Stone 2377NRR	68.7	65.8*	43.4	17.7	44.2	48.0
Stone 2346NRR	61.5	61.5	46.8*	16.9	51.3*	47.6
Stone 2385NRR	71.2	63.1	45.0	9.9	48.5*	47.5
Midwest Seed Gen. GR3934	70.0	63.9	44.5	16.1	43.0	47.5
Kruger K-389RR/SCN	69.8	61.9	49.0*	14.8	41.5	47.4
NuTech NT-3909+ RR/SCN	70.5	57.8	48.0*	17.3	41.8	47.1
Croplan Genetics RC3864	74.1*	57.7	47.6*	13.7	42.3	47.1
NuTech NT-3777+ RR/SCN	68.0	65.9*	43.6	10.7	46.3	46.9
Pioneer 93M61	75.2*	55.8	43.7	11.4	47.4	46.7
Prairie Brand PB-3894NRRS	71.7	55.3	46.1*	16.2	44.1	46.7
Dyna-Gro 32C38	68.1	60.0	47.1*	16.4	41.5	46.6
Willcross RR2386	69.5	66.0*	41.3	9.4	45.1	46.2
NC+ 3A85RS	69.6	59.4	46.1*	13.5	41.5	46.0
Willcross RR2385N	70.3	56.3	45.5	15.8	42.0	46.0
Kruger K-363RR/SCN	68.1	58.3	48.6*	8.3	46.5	46.0
Dyna-Gro 35G38	74.0*	55.3	49.5*	5.8	45.0	45.9
NC+ 3A93RR	66.8	58.1	41.7	17.8	44.4	45.8
Kruger K-382RR/SCN	68.7	56.9	48.1*	8.1	47.0	45.8
Midland MG 9A385NRS	67.5	59.4	46.5*	16.5	38.8	45.7
Kruger KY3817RN	70.6	53.6	44.2	18.1	41.6	45.6

Table 19. Continued.

Brand-Variety	Yield (Bu/Acre)					Mean
	Henrietta	Grand Pass	Columbia	Truxton	Annada	
Mersch. Monroe 735RR	74.3*	57.2	45.3	6.9	44.0	45.5
Asgrow AG3504	68.4	63.9	46.9*	6.0	41.6	45.4
NuTech NT-7366	64.4	56.1	45.2	16.9	44.2	45.4
NK Brand S37-F7	71.1	69.1*	42.7	5.3	38.6	45.4
Midland MG 3958NRS	70.1	51.7	41.3	20.4	39.7	44.6
MPride/MPV 3805nRR/STS	66.7	54.8	44.8	13.9	43.0	44.6
NuTech NT-7366+	68.8	45.6	43.4	18.2	46.7	44.5
Morsoy RT 3966N+	64.2	54.6	43.0	14.5	45.8	44.4
Morsoy RT 3966N	65.5	59.6	39.1	16.1	41.6	44.4
Mersch. Kennedy 836RR	66.3	46.7	46.8*	16.7	43.3	44.0
Pioneer 93M96	72.6	57.8	45.9*	10.6	30.5	43.5
NK Brand S37-P5	71.2	54.3	47.5*	11.0	32.8	43.4
NK Brand S36-C7	69.2	50.0	40.3	12.4	43.1	43.0
Midland MG 3948NRR	64.1	57.7	43.0	9.1	38.6	42.5
Willcross RR2387N	66.1	41.4	45.4	9.7	46.8	41.9
NK Brand S38-D5	63.0	53.9	45.7	13.5	27.1	40.6
GROUP 3 AVERAGE	70.3	60.2	45.4	14.6	43.7	46.8
L.S.D. AT .10	6.1	7.8	4.1	3.0	3.8	2.3
C.V. %	6.0	9.2	6.1	13.8	6.0	8.2

MATURITY GROUP 4

Morsoy RT 4327N	71.8	62.9*	51.0*	16.0	44.8*	49.3**
Morsoy RT 4107N	69.7	60.4*	48.2*	22.4	43.9*	48.9*
Pioneer 94M30	72.5	63.4**	47.4	20.0	39.3	48.5*
Stine 4392-4	81.3*	55.0	43.1	15.9	44.7*	48.0*
Morsoy RT 4126N	72.4	52.2	52.2**	22.2	39.9*	47.8*
Willcross RR2428N	74.1*	53.8	47.8	20.8	40.2*	47.3*
NuTech NT-4242 RR/SCN	77.1*	59.1*	49.0*	13.0	37.6	47.2*
Mersch. Denver 742RR	71.3	59.4*	49.9*	15.6	38.8	47.0*
MPride/MPV 4707nRR/STS	70.8	59.7*	44.2	21.9	37.0	46.7*
NK Brand S45-E5	75.3*	63.2*	44.7	14.0	36.1	46.7*
Mersch. Houston 747RR	74.8*	54.3	46.5	22.8	34.2	46.5*
Asgrow AG4404	81.9**	51.2	48.2*	15.0	36.3	46.5*
Lewis 4408	71.4	54.8	47.4	17.4	41.3*	46.5*
Lewis 4207	68.3	60.0*	46.5	15.7	38.4	45.8
MPride/MPV 4406nRR	74.7*	51.7	47.0	23.8*	31.3	45.7
Dyna-Gro 38C42	68.1	59.3*	46.7	15.1	38.2	45.5
Morsoy RT 4345N	70.6	55.9*	48.0	15.8	37.1	45.5
Kruger K-410RR/SCN	65.7	53.3	47.7	18.6	40.9*	45.2
Prairie Brand PB-4157NRRS	63.7	55.6*	50.7*	19.9	35.3	45.0
Stine 4182-4	68.4	49.7	49.8*	19.4	37.8	45.0
Morsoy RT 4201N	66.6	56.8*	44.6	16.1	40.8*	45.0
Bio Gene BG 4408RSN	58.9	59.4*	45.7	21.1	39.6*	44.9
Mersch. Nashville 749RR	64.7	57.9*	43.0	19.3	38.9	44.8
Willcross RR2446N	77.6*	47.0	46.9	23.1*	29.0	44.7
Mersch. Norfolk 741RR	65.0	50.0	46.4	21.0	41.0*	44.7
Croplan Genetics RC4104	71.1	48.8	46.9	20.8	35.7	44.6
Midland MG 4157NRS	62.1	53.2	48.0	21.2	38.6	44.6
Lewis 4395	69.5	50.0	46.9	24.6*	30.9	44.4
NuTech NT-7476	65.3	44.3	47.4	19.3	45.3**	44.3
Midland MG 4367NRR	68.4	57.0*	46.8	16.6	32.2	44.2

Table 19. Continued.

Brand-Variety	Yield (Bu/Acre)					Mean
	Henrietta	Grand Pass	Columbia	Truxton	Annada	
Morsoy RT 4485N	69.2	47.6	47.0	25.0*	27.9	43.3
Mersch. Memphis 642RR	69.2	50.4	43.7	24.1*	27.5	43.0
Morsoy RT 4446N	62.2	60.9*	43.9	23.5*	23.9	42.9
Kruger K-433RR/SCN	64.6	48.8	50.0*	23.8*	27.1	42.8
Asgrow AG4405	64.0	52.3	47.0	22.9*	25.8	42.4
Mersch. Austin 643RR	61.7	49.9	43.3	20.3	36.5	42.3
Asgrow AG4103	61.6	53.6	44.4	22.3	29.6	42.3
NuTech NT-4444+ RR/SCN	68.1	46.3	45.5	23.0*	26.0	41.8
Croplan Genetics RC4455	63.3	45.5	46.2	24.4*	29.1	41.7
Midwest Seed Gen. GR4455	67.2	43.2	45.6	25.2**	27.0	41.6
Mersch. Rocky RR	61.2	51.7	44.6	17.0	32.1	41.3
Schillinger 457.RCP	63.5	49.8	45.2	20.0	25.2	40.7
Schillinger 467.RCP	68.2	47.8	40.6	14.3	32.0	40.6
Prairie Brand PB-4477NRRS	58.9	46.2	43.1	15.1	38.0	40.3
NK Brand S43-B1	62.2	55.6*	45.3	11.3	26.1	40.1
Midland MG 4477NRR	60.4	47.3	44.0	22.6	24.8	39.8
Mersch. Dallas RR	56.4	41.4	41.6	13.8	20.5	34.7
GROUP 4 AVERAGE	68.0	53.1	46.4	19.5	34.6	44.3
L.S.D. AT .10	8.8	7.9	4.0	2.4	5.8	2.8
C.V. %	9.1	10.2	5.9	8.4	11.4	9.0

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

Note: To view seed treatments for these varieties refer to the location table or the characteristics chart.

Southwest Region Crop Management Summary

There are five locations in the Southwest Region for Glyphosate Resistant and Non-Glyphosate Resistant / Special Traits Soybean Tests this year. They are located in counties where a significant number of acres of soybean are grown according to the Missouri Agricultural Statistics Service. Cultural practices vary slightly between locations, but tend to reflect those followed by farmers in the area.

Yields at all five Southwest Region locations were average or below average this year, even though rainfall was abundant or excessive. Planting at the Lamar location was delayed until June 19 due to heavy rainfall. Barton County received 19.0" rainfall in the month of June alone. Average yields there only reached 30.7 bushels/acre.

Climatological information for the growing season (May 1 – September 30) for the Southwest Region is summarized below and cultural practices for each site are listed in Table 20.

Average temperature = 74.6 degrees, 2.4 degrees above normal

Average precipitation = 31.4", 8.5" above normal

Table 20. Southwest Region Crop Management Summary

Location	Planting date	Harvest date	Fertilizer			Tillage	Herbicide	
			N	P ₂ O ₅	K ₂ O		Pre	Post
<i>Glyphosate Resistant Soybean Tests</i>								
Harrisonville	06-05	10-25	0	0	0	No-till	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	Roundup WeatherMax
Adrian	05-29	10-12	0	0	0	No-till	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	Roundup WeatherMax
Urich	05-23	10-10	0	0	0	No-till	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	Roundup WeatherMax
Nevada	05-29	10-11	0	0	0	No-till	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	Roundup WeatherMax
Lamar	06-19	10-21, 10-24	0	0	0	Conventional	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	Roundup WeatherMax
<i>Non-Glyphosate Resistant / Special Traits Soybean Tests</i>								
Harrisonville	06-05	10-25	0	0	0	No-till	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	Ultra Blazer, Assure II
Adrian	05-29	10-12	0	0	0	No-till	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	Reflex, Assure II
Urich	05-23	10-10	0	0	0	No-till	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	Reflex, Assure II
Nevada	05-29	10-11	0	0	0	No-till	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	Reflex, Assure II
Lamar	06-19	10-24	0	0	0	Conventional	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	Ultra Blazer, Assure II

TABLE 21. Glyphosate Resistant Soybean Test

Southwest Region: Harrisonville, MO (Cass County)

Soil Type: Haig Silt Loam Soil Test: pH=5.8, OM=2.9%, P=64, K=428

Cyst Nematode Population at Planting: 165 Eggs/250cc of Soil

Rainfall: May=11.3, June=11.9, July=4.2, Aug.=2.0, Sept.=2.3 Total=31.7 in.

Irrigation: 0 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
MATURITY GROUP 3							
Asgrow AG3905	5	9-23	32	1	53.9**	49.5**	51.7
Dyna-Gro 35F37	5	9-23	28	1	52.4*	--	--
Dyna-Gro 32X39	5	9-21	32	1	52.4*	--	--
Kruger K-384RR/SCN	5	9-22	30	1	51.8*	--	--
Kruger KY3817RN	5	9-19	34	1	51.5*	--	--
Kruger K-389RR/SCN	5	9-20	26	1	49.4	--	--
Dyna-Gro 33Y38	5	9-20	27	1	47.8	--	--
Dyna-Gro 35Y36	5	9-22	30	1	47.8	--	--
Dyna-Gro DG3362NRR	5	9-22	27	1	47.4	48.2*	47.8
Kruger K-363RR/SCN	5	9-22	30	1	46.7	--	--
Dyna-Gro 35G38	5	9-22	27	1	46.4	45.9*	46.2
Kruger K-382RR/SCN	5	9-23	28	1	45.8	--	--
GROUP 3 AVERAGE		9-21	29	1	49.4	45.5	47.5
L.S.D. AT .10					4.0	4.5	
C.V. %					6.7	8.0	

MATURITY GROUP 4

Schillinger 495.RC	2	9-30	38	1	54.0**	--	--
Willcross RR2460NS	11	9-29	36	1	53.4*	--	--
NK Brand S45-E5	None	9-24	36	1	52.2*	--	--
MPride/MPV 4406nRR	NA	9-26	39	1	52.2*	51.9*	52.1
Asgrow AG4605	5	9-27	29	1	52.0*	--	--
Morsoy RT 4485N	2	9-26	36	1	51.9*	49.7*	50.8
NK Brand S49-Q9	None	9-30	36	1	51.7*	46.7	49.2
Midland MG 4768NRR	11	9-27	32	1	51.5*	--	--
Dyna-Gro 32R46	2	9-27	27	1	51.4*	48.3	49.9
Asgrow AG4903	5	10-01	32	1	51.2*	48.7	50.0
NK Brand S46-U6	None	9-27	32	1	51.0*	41.7	46.4
Midland MG 4806NRS	11	9-26	36	1	51.0*	47.4	49.2
NK Brand S49-H7	None	9-28	35	1	51.0*	--	--
Kruger K-476RR/SCN	5	9-28	30	1	50.9*	51.1*	51.0
Asgrow AG4703	5	9-25	29	1	50.8*	52.7**	51.8
Mersch. Rocky RR	1, 11	9-27	32	1	50.6*	47.3	49.0
Dyna-Gro 37A44	2	9-27	36	1	50.5*	--	--
Morsoy RT 4731N	None	9-24	31	1	50.5*	46.4	48.5
MPride/MPV 4707nRR/STS	NA	9-29	28	1	50.4*	--	--
Croplan Genetics RC4455	4, 12	9-26	36	1	50.2*	--	--
Mersch. Norfolk 741RR	1, 11	9-27	29	1	49.8	48.0	48.9
Morsoy RTS 4824	2, 5	9-27	32	1	49.5	48.7	49.1
Asgrow DKB46-51	5	9-26	35	1	49.4	47.4	48.4
Morsoy RT 4446N	2, 5	9-25	31	1	49.4	49.7*	49.6
MPride/MPV 4907nRR/STS	NA	9-28	36	1	49.1	--	--

TABLE 21. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Morsoy RT 4731N+	11	9-26	35	1	49.0	--	--
Stone 2475NRR	3	9-25	37	1	49.0	--	--
Midland MG 4878RR	11	9-28	34	1	49.0	--	--
Stine 4782-4	None	9-28	27	1	48.9	47.2	48.1
Stone 2405NRR	3	9-24	35	1	48.9	--	--
Kruger K-433RR/SCN	5	9-26	33	1	48.9	50.8*	49.9
Willcross RR2446N	11	9-27	35	1	48.8	52.0*	50.4
Mersch. Nashville 749RR	1, 11	9-29	28	1	48.7	--	--
Dyna-Gro 36Y48	2	9-28	34	1	48.6	42.8	45.7
Mersch. Houston 747RR	1, 11	9-28	29	1	48.6	49.8*	49.2
Pioneer 94M30	3, 4, 8	9-23	33	1	48.5	46.7	47.6
Midwest Seed Gen. GR4531	None	9-23	36	1	48.5	--	--
Willcross RR2460NB	11	9-29	32	1	48.5	--	--
Willcross RR2499N	11	10-02	38	1	48.5	--	--
Dyna-Gro DG3468NRR	5	9-27	34	1	48.5	46.1	47.3
Asgrow AG4103	5	9-23	31	1	48.3	45.7	47.0
Mersch. Memphis 642RR	1, 11	9-26	37	1	48.2	50.2*	49.2
Kruger K-478RR/SCN	5	9-24	34	1	47.3	--	--
NC+ 4A65RS	None	9-24	35	1	46.8	44.4	45.6
Pioneer 94M80	3, 4, 8	9-26	35	1	46.7	42.4	44.6
Stine 5202-4	None	9-30	37	1	46.3	--	--
Dyna-Gro 35D44	2	9-24	33	1	45.7	--	--
Asgrow AG4405	5	9-25	29	1	45.6	--	--
Kruger K-410RR/SCN	5	9-23	33	1	45.3	45.4	45.4
Pioneer 94M50	3, 4, 8	9-23	28	1	45.0	44.7	44.9
Croplan Genetics RC4432	4, 12	9-26	38	1	43.7	--	--
GROUP 4 AVERAGE		9-26	33	1	49.3	47.0	48.2
L.S.D. AT .10					3.9	3.4	
C.V. %					5.8	5.3	

MATURETY GROUP 5

Schillinger 557.RC	2	10-09	36	1	52.2**	--	--
Willcross RR2509N	11	9-30	38	1	51.6*	--	--
Morsoy RT 5154N	2, 5	10-02	41	1	50.8*	49.4**	50.1
Willcross RR2544NSTS	11	10-07	38	1	50.4*	46.6	48.5
MPride/MPV 5407nRR	NA	10-06	41	1	50.2*	43.6	46.9
Willcross RR2519NSTS	11	10-08	38	1	49.3	--	--
MPride/MPV 5505nRR/STS	NA	10-07	37	1	48.9	48.4	48.7
Midwest Seed Gen. GR5331	None	10-07	38	1	43.7	--	--
GROUP 5 AVERAGE		10-05	38	1	49.6	46.9	48.3
L.S.D. AT .10					2.7	NS	
C.V. %					4.4	6.1	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

NS Not Significant

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 22. Glyphosate Resistant Soybean Test

Southwest Region: Adrian, MO (Bates County)

Soil Type: Kenoma Silt Loam Soil Test: pH=6.5, OM=2.5%, P=60, K=360

Cyst Nematode Population at Planting: 330 Eggs/250cc of Soil

Rainfall: May=10.4, June=10.8, July=8.6, Aug.=1.1, Sept.=2.9 Total=33.8 in.

Irrigation: 0 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
MATURITY GROUP 3							
Dyna-Gro 35F37	5	9-19	34	1	40.7**	--	--
Dyna-Gro 33Y38	5	9-17	32	1	40.2*	--	--
Kruger K-384RR/SCN	5	9-20	33	1	39.6*	--	--
Kruger K-389RR/SCN	5	9-19	32	1	39.6*	--	--
Kruger KY3817RN	5	9-15	37	1	39.5*	--	--
Dyna-Gro 32X39	5	9-15	34	1	39.4*	--	--
Asgrow AG3905	5	9-19	35	1	39.3*	32.0*	35.7
Dyna-Gro DG3362NRR	5	9-19	32	1	37.1	33.7**	35.4
Kruger K-363RR/SCN	5	9-16	33	1	35.0	--	--
Dyna-Gro 35G38	5	9-15	34	1	34.4	20.2	27.3
Dyna-Gro 35Y36	5	9-19	32	1	34.1	--	--
Kruger K-382RR/SCN	5	9-17	34	1	34.0	--	--
GROUP 3 AVERAGE		9-17	34	1	37.7	26.4	32.1
L.S.D. AT .10					2.4	2.4	
C.V. %					5.4	7.3	

MATURITY GROUP 4

Asgrow AG4703	5	9-27	26	1	41.1**	39.1*	40.1
Asgrow AG4903	5	9-29	30	1	41.0*	37.9*	39.5
Dyna-Gro 32R46	2	9-27	27	1	40.8*	37.2	39.0
Morsoy RTS 4824	2, 5	9-30	32	1	40.5*	40.0**	40.3
Willcross RR2460NS	11	9-28	35	1	40.5*	--	--
Stone 2405NRR	3	9-21	30	1	40.3*	--	--
Midland MG 4806NRS	11	9-28	33	1	40.2*	38.7*	39.5
Mersch. Nashville 749RR	1, 11	9-27	28	1	40.1*	--	--
Schillinger 495.RC	2	10-01	38	1	39.9*	--	--
Asgrow DKB46-51	5	9-24	33	1	39.4*	37.1	38.3
MPride/MPV 4707nRR/STS	NA	9-30	26	1	39.3*	--	--
Midland MG 4878RR	11	9-29	32	1	39.2*	--	--
Midwest Seed Gen. GR4531	None	9-24	35	1	39.1*	--	--
Morsoy RT 4731N+	11	9-25	32	1	39.1*	--	--
Midland MG 4768NRR	11	9-28	32	1	39.0*	--	--
Asgrow AG4605	5	9-26	28	1	38.8*	--	--
MPride/MPV 4406nRR	NA	9-23	34	1	38.7*	38.9*	38.8
Willcross RR2499N	11	9-29	36	1	38.6*	--	--
MPride/MPV 4907nRR/STS	NA	9-28	32	1	38.5*	--	--
NK Brand S49-Q9	None	9-26	34	1	38.3*	34.2	36.3
Pioneer 94M80	3, 4, 8	9-25	36	1	38.1	36.2	37.2
Dyna-Gro 37A44	2	9-26	34	1	37.7	--	--
Croplan Genetics RC4455	4, 12	9-23	36	1	37.5	--	--
Asgrow AG4405	5	9-24	30	1	37.4	--	--
Morsoy RT 4731N	None	9-24	31	1	37.3	37.6*	37.5

TABLE 22. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
NC+ 4A65RS	None	9-23	33	1	37.2	36.9	37.1
Stine 4782-4	None	9-27	27	1	37.1	35.8	36.5
Kruger K-476RR/SCN	5	9-27	31	1	37.1	36.7	36.9
Pioneer 94M30	3, 4, 8	9-22	32	1	37.0	34.8	35.9
Stone 2475NRR	3	9-24	35	1	37.0	--	--
NK Brand S46-U6	None	9-27	34	1	36.9	34.2	35.6
Mersch. Houston 747RR	1, 11	9-30	28	1	36.9	37.3	37.1
Dyna-Gro DG3468NRR	5	9-27	31	1	36.9	34.0	35.5
Morsoy RT 4446N	2, 5	9-23	32	1	36.6	38.8*	37.7
Kruger K-433RR/SCN	5	9-23	36	1	36.5	38.6*	37.6
Willcross RR2446N	11	9-25	32	1	36.3	37.9*	37.1
NK Brand S45-E5	None	9-24	36	1	36.2	--	--
Mersch. Memphis 642RR	1, 11	9-24	34	1	36.2	38.1*	37.2
Mersch. Norfolk 741RR	1, 11	9-24	28	1	36.1	38.1*	37.1
Croplan Genetics RC4432	4, 12	9-25	32	1	35.8	--	--
Pioneer 94M50	3, 4, 8	9-23	28	1	35.7	30.7	33.2
Willcross RR2460NB	11	9-27	28	1	35.7	--	--
NK Brand S49-H7	None	9-28	35	1	35.7	--	--
Dyna-Gro 36Y48	2	10-02	36	1	35.6	30.5	33.1
Asgrow AG4103	5	9-23	29	1	35.5	35.5	35.5
Dyna-Gro 35D44	2	9-24	31	1	35.4	--	--
Morsoy RT 4485N	2	9-23	34	1	35.3	39.5*	37.4
Kruger K-410RR/SCN	5	9-25	30	1	35.0	33.5	34.3
Mersch. Rocky RR	1, 11	9-26	34	1	34.7	35.6	35.2
Kruger K-478RR/SCN	5	9-25	33	1	33.9	--	--
Stine 5202-4	None	10-02	34	1	33.9	--	--
GROUP 4 AVERAGE		9-25	32	1	37.6	35.1	36.4
L.S.D. AT .10					2.8	2.6	
C.V. %					5.4	5.2	

MATURITY GROUP 5

Willcross RR2544NSTS	11	10-09	36	1	46.7**	34.9*	40.8
Schillinger 557.RC	2	10-09	36	1	45.8*	--	--
MPride/MPV 5505nRR/STS	NA	10-11	38	1	44.1*	35.8*	40.0
Morsoy RT 5154N	2, 5	10-02	35	1	43.0	37.8**	40.4
MPride/MPV 5407nRR	NA	10-06	37	1	41.6	34.8*	38.2
Willcross RR2519NSTS	11	10-06	37	1	40.8	--	--
Willcross RR2509N	11	10-01	38	1	40.7	--	--
Midwest Seed Gen. GR5331	None	10-07	38	1	39.6	--	--
GROUP 5 AVERAGE		10-05	37	1	42.8	35.2	39.0
L.S.D. AT .10					3.2	3.5	
C.V. %					6.1	8.0	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 23. Glyphosate Resistant Soybean Test

Southwest Region: Urich, MO (Henry County)

Soil Type: Hartwell Silt Loam Soil Test: pH=6.0, OM=2.1%, P=58, K=280

Cyst Nematode Population at Planting: 1995 Eggs/250cc of Soil

Rainfall: May=8.9, June=6.5, July=7.0, Aug.=3.3, Sept.=4.5 Total=30.2 in.

Irrigation: 0 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
					-----bu/acre-----		
MATURITY GROUP 3							
Dyna-Gro 35F37	5	9-23	28	1	52.0**	--	--
Kruger K-384RR/SCN	5	9-23	26	1	48.6*	--	--
Dyna-Gro 33Y38	5	9-17	27	1	46.4*	--	--
Asgrow AG3905	5	9-24	34	1	45.6	23.9**	34.8
Kruger K-389RR/SCN	5	9-15	24	1	45.6	--	--
Kruger KY3817RN	5	9-21	33	1	44.4	--	--
Dyna-Gro DG3362NRR	5	9-24	27	1	43.7	19.4	31.6
Dyna-Gro 32X39	5	9-23	28	1	41.4	--	--
Kruger K-382RR/SCN	5	9-22	27	1	41.0	--	--
Dyna-Gro 35Y36	5	9-21	26	1	40.7	--	--
Dyna-Gro 35G38	5	9-12	25	1	39.2	12.8	26.0
Kruger K-363RR/SCN	5	9-18	26	1	37.2	--	--
GROUP 3 AVERAGE		9-19	28	1	43.8	17.0	30.4
L.S.D. AT .10					5.7	3.7	
C.V. %					10.9	17.4	

MATURITY GROUP 4

MPride/MPV 4707nRR/STS	NA	9-27	28	1	52.0**	--	--
Asgrow AG4605	5	9-25	27	1	51.7*	--	--
Midland MG 4878RR	11	9-28	36	1	51.2*	--	--
Kruger K-476RR/SCN	5	9-29	27	1	50.0*	30.0	40.0
NK Brand S46-U6	None	9-27	34	1	49.8*	30.1	40.0
Asgrow AG4703	5	9-27	30	1	49.4*	33.2*	41.3
Asgrow DKB46-51	5	9-23	37	1	48.8*	31.8*	40.3
Dyna-Gro 32R46	2	9-27	30	1	48.8*	30.4	39.6
Stine 4782-4	None	9-28	32	1	48.5*	28.8	38.7
Schillinger 495.RC	2	9-29	36	1	48.1*	--	--
Asgrow AG4903	5	9-29	31	1	47.8*	33.1*	40.5
Mersch. Houston 747RR	1, 11	NA	32	1	47.8*	25.7	36.8
Midland MG 4806NRS	11	9-29	35	1	47.4*	33.4*	40.4
Mersch. Nashville 749RR	1, 11	9-27	32	1	47.3*	--	--
MPride/MPV 4907nRR/STS	NA	10-01	35	1	47.2*	--	--
Morsoy RT 4446N	2, 5	9-23	24	1	47.0*	32.5*	39.8
Morsoy RT 4731N+	11	9-25	28	1	46.8	--	--
NC+ 4A65RS	None	9-24	32	1	46.6	26.5	36.6
Willcross RR2499N	11	9-29	36	1	46.5	--	--
Asgrow AG4103	5	9-24	36	1	46.4	28.8	37.6
Pioneer 94M30	3, 4, 8	9-26	29	1	46.3	26.7	36.5
Pioneer 94M80	3, 4, 8	9-26	34	1	45.9	33.7*	39.8
Morsoy RT 4485N	2	9-26	35	1	45.9	35.0**	40.5
Morsoy RT 4731N	None	9-24	33	1	45.9	31.7*	38.8
Willcross RR2460NS	11	9-29	35	1	45.9	--	--

TABLE 23. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Morsoy RTS 4824	2, 5	9-28	25	1	45.9	34.9*	40.4
Stone 2475NRR	3	9-21	28	1	45.8	--	--
Asgrow AG4405	5	9-25	30	1	45.7	--	--
Midland MG 4768NRR	11	9-27	31	1	45.7	--	--
NK Brand S49-Q9	None	9-28	36	1	45.7	33.9*	39.8
Willcross RR2460NB	11	9-28	34	1	45.5	--	--
Midwest Seed Gen. GR4531	None	9-25	36	1	45.5	--	--
NK Brand S45-E5	None	9-24	35	1	45.4	--	--
NK Brand S49-H7	None	9-29	32	1	45.3	--	--
Willcross RR2446N	11	9-24	34	1	45.2	34.9*	40.1
Stone 2405NRR	3	9-25	34	1	45.1	--	--
Stine 5202-4	None	10-01	36	1	44.9	--	--
MPride/MPV 4406nRR	NA	9-24	33	1	44.7	32.5*	38.6
Kruger K-433RR/SCN	5	9-26	35	1	44.5	34.2*	39.4
Dyna-Gro 36Y48	2	9-30	34	1	44.0	27.1	35.6
Croplan Genetics RC4455	4, 12	9-25	32	1	44.0	--	--
Mersch. Norfolk 741RR	1, 11	9-24	28	1	43.9	27.3	35.6
Kruger K-410RR/SCN	5	9-23	32	1	43.4	22.2	32.8
Pioneer 94M50	3, 4, 8	9-24	30	1	43.3	23.9	33.6
Dyna-Gro DG3468NRR	5	9-26	28	1	43.1	21.8	32.5
Mersch. Rocky RR	1, 11	9-26	31	1	42.3	24.4	33.4
Kruger K-478RR/SCN	5	9-24	29	1	41.8	--	--
Mersch. Memphis 642RR	1, 11	9-26	35	1	41.5	27.8	34.7
Croplan Genetics RC4432	4, 12	9-27	35	1	41.0	--	--
Dyna-Gro 37A44	2	9-24	34	1	40.2	--	--
Dyna-Gro 35D44	2	9-23	30	1	38.4	--	--
GROUP 4 AVERAGE		9-27	32	1	45.9	28.4	37.2
L.S.D. AT .10					5.0	3.5	
C.V. %					7.7	8.8	

MATURETY GROUP 5

Willcross RR2544NSTS	11	10-08	34	1	47.4**	35.1*	41.3
Morsoy RT 5154N	2, 5	10-01	38	1	46.7	32.2	39.5
MPride/MPV 5505nRR/STS	NA	10-08	34	1	46.6	35.2**	40.9
MPride/MPV 5407nRR	NA	10-07	35	1	45.1	33.4*	39.3
Schillinger 557.RC	2	10-06	30	1	43.8	--	--
Willcross RR2519NSTS	11	10-07	35	1	43.0	--	--
Willcross RR2509N	11	9-29	38	1	43.0	--	--
Midwest Seed Gen. GR5331	None	10-06	36	1	42.1	--	--
GROUP 5 AVERAGE		10-04	35	1	44.7	32.3	38.5
L.S.D. AT .10					NS	2.2	
C.V. %					7.4	5.5	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

NS Not Significant

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 24. Glyphosate Resistant Soybean Test

Southwest Region: Nevada, MO (Vernon County)

Soil Type: Parson Silt Loam Soil Test: pH=6.0, OM=2.5%, P=60, K=350

Cyst Nematode Population at Planting: 4133 Eggs/250cc of Soil

Rainfall: May=8.9, June=15.4, July=8.6, Aug.=1.4, Sept.=4.1 Total=38.4 in.

Irrigation: 6 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
					-----bu/acre-----		
MATURITY GROUP 3							
Dyna-Gro 35Y36	5	9-23	29	1	58.6**	--	--
Kruger KY3817RN	5	9-23	33	1	56.4*	--	--
Dyna-Gro 35F37	5	9-21	32	1	56.2*	--	--
Kruger K-389RR/SCN	5	9-23	27	1	55.0	--	--
Dyna-Gro 33Y38	5	9-21	29	1	54.8	--	--
Kruger K-384RR/SCN	5	9-22	30	1	54.2	--	--
Dyna-Gro DG3362NRR	5	9-21	28	1	52.4	42.2**	47.3
Kruger K-382RR/SCN	5	9-23	31	1	51.4	--	--
Asgrow AG3905	5	9-20	32	1	50.8	40.6	45.7
Dyna-Gro 32X39	5	9-19	31	1	49.7	--	--
Dyna-Gro 35G38	5	9-19	29	1	49.4	37.7	43.6
Kruger K-363RR/SCN	5	9-16	31	1	48.4	--	--
GROUP 3 AVERAGE		9-20	30	1	53.1	40.0	46.6
L.S.D. AT .10					3.5	NS	
C.V. %					5.4	7.2	

MATURITY GROUP 4

MPride/MPV 4907nRR/STS	NA	10-02	43	1	64.6**	--	--
Asgrow AG4605	5	10-01	33	1	63.8*	--	--
Midwest Seed Gen. GR4531	None	9-23	34	1	63.2*	--	--
Morsoy RT 4485N	2	9-30	38	1	62.0*	44.5	53.3
Asgrow AG4903	5	10-04	36	1	62.0*	46.7*	54.4
Stone 2475NRR	3	9-24	38	1	61.9*	--	--
MPride/MPV 4406nRR	NA	10-01	44	1	61.9*	48.4*	55.2
Willcross RR2446N	11	9-28	38	1	61.8*	48.7*	55.3
Dyna-Gro 36Y48	2	10-04	36	1	61.5*	38.3	49.9
Mersch. Rocky RR	1, 11	10-01	39	1	61.2*	42.3	51.8
Stine 5202-4	None	10-02	39	1	60.8*	--	--
Schillinger 495.RC	2	10-03	44	2	60.7*	--	--
Midland MG 4768NRR	11	10-01	38	1	60.5*	--	--
Mersch. Houston 747RR	1, 11	10-03	35	1	60.1*	37.1	48.6
Pioneer 94M30	3, 4, 8	9-25	36	1	59.8*	43.2	51.5
MPride/MPV 4707nRR/STS	NA	10-01	33	1	59.8*	--	--
Morsoy RT 4731N+	11	9-26	36	1	59.6	--	--
Dyna-Gro 37A44	2	10-01	42	1	59.6	--	--
Croplan Genetics RC4455	4, 12	9-29	37	1	59.5	--	--
Morsoy RT 4446N	2, 5	9-24	33	1	59.0	46.6*	52.8
Kruger K-433RR/SCN	5	10-01	38	1	59.0	47.8*	53.4
Asgrow AG4703	5	9-29	32	1	58.9	42.6	50.8
Willcross RR2460NS	11	9-28	37	1	58.8	--	--
Willcross RR2499N	11	10-04	45	1	58.7	--	--
Morsoy RT 4731N	None	9-25	33	1	58.7	41.5	50.1

TABLE 24. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Asgrow AG4405	5	9-23	33	1	58.7	--	--
Asgrow DKB46-51	5	9-26	34	1	58.6	44.3	51.5
Kruger K-476RR/SCN	5	10-01	33	1	58.1	42.8	50.5
Morsoy RTS 4824	2, 5	10-01	35	1	58.0	45.6	51.8
Mersch. Memphis 642RR	1, 11	9-27	42	1	58.0	49.0**	53.5
NC+ 4A65RS	None	9-25	35	1	57.9	38.1	48.0
NK Brand S49-H7	None	10-03	41	1	57.5	--	--
Midland MG 4806NRS	11	10-02	38	1	57.1	42.2	49.7
NK Brand S45-E5	None	9-25	39	1	56.5	--	--
Midland MG 4878RR	11	10-01	37	1	56.4	--	--
Stone 2405NRR	3	9-24	37	1	56.2	--	--
Stine 4782-4	None	10-03	30	1	56.2	41.4	48.8
Dyna-Gro 32R46	2	10-02	35	1	56.1	39.9	48.0
Asgrow AG4103	5	9-24	36	1	55.6	39.3	47.5
Kruger K-478RR/SCN	5	9-24	42	1	55.0	--	--
NK Brand S46-U6	None	9-29	42	1	54.8	43.4	49.1
Kruger K-410RR/SCN	5	9-24	34	1	54.7	39.9	47.3
NK Brand S49-Q9	None	10-02	42	1	54.3	41.3	47.8
Mersch. Norfolk 741RR	1, 11	9-23	33	1	54.1	39.0	46.6
Willcross RR2460NB	11	9-29	37	1	54.1	--	--
Pioneer 94M50	3, 4, 8	9-25	33	1	53.9	39.4	46.7
Dyna-Gro 35D44	2	9-27	33	1	53.6	--	--
Mersch. Nashville 749RR	1, 11	9-30	33	1	53.4	--	--
Dyna-Gro DG3468NRR	5	9-30	31	1	52.3	42.0	47.2
Pioneer 94M80	3, 4, 8	9-27	38	1	51.5	40.6	46.1
Croplan Genetics RC4432	4, 12	9-23	37	1	47.9	--	--
GROUP 4 AVERAGE		9-28	37	1	58.0	42.0	50.0
L.S.D. AT .10					4.9	3.1	
C.V. %					5.9	5.2	
MATURITY GROUP 5							
Morsoy RT 5154N	2, 5	10-07	43	1	58.3**	47.9**	53.1
MPride/MPV 5505nRR/STS	NA	10-09	36	1	57.0	44.4*	50.7
MPride/MPV 5407nRR	NA	10-08	40	1	56.8	39.8	48.3
Schillinger 557.RC	2	10-11	33	1	56.0	--	--
Willcross RR2544NSTS	11	10-05	32	1	54.6	44.4*	49.5
Midwest Seed Gen. GR5331	None	10-10	42	1	53.6	--	--
Willcross RR2509N	11	10-02	45	2	53.2	--	--
Willcross RR2519NSTS	11	10-05	36	2	53.1	--	--
GROUP 5 AVERAGE		10-06	38	1	55.3	42.1	48.7
L.S.D. AT .10					NS	3.7	
C.V. %					6.3	7.2	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

NS Not Significant

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 25. Glyphosate Resistant Soybean Test

Southwest Region: Lamar, MO (Barton County)

Soil Type: Parsons Silt Loam Soil Test: pH=6.3, OM=2.4%, P=30, K=226

Cyst Nematode Population at Planting: 9750 Eggs/250cc of Soil

Rainfall: May=6.4, June=19.0, July=4.7, Aug.=2.2, Sept.=3.8 Total=36.2 in.

Irrigation: 0 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
					-----bu/acre-----		
MATURITY GROUP 3							
Kruger KY3817RN	5	10-01	22	1	36.2**	--	--
Asgrow AG3905	5	10-01	22	1	34.0*	18.8*	26.4
Kruger K-384RR/SCN	5	10-02	18	1	33.5*	--	--
Dyna-Gro 32X39	5	10-03	20	1	32.1	--	--
Kruger K-389RR/SCN	5	10-02	17	1	31.7	--	--
Dyna-Gro 33Y38	5	10-01	19	1	30.3	--	--
Kruger K-382RR/SCN	5	10-04	20	1	29.6	--	--
Dyna-Gro 35F37	5	10-01	19	1	29.6	--	--
Kruger K-363RR/SCN	5	10-03	19	1	29.5	--	--
Dyna-Gro 35G38	5	9-30	17	1	27.8	11.1	19.5
Dyna-Gro DG3362NRR	5	9-30	17	1	26.0	15.6	20.8
Dyna-Gro 35Y36	5	9-30	18	1	24.8	--	--
GROUP 3 AVERAGE		10-01	19	1	30.4	15.5	23.0
L.S.D. AT .10					3.1	2.9	
C.V. %					8.5	15.2	

MATURITY GROUP 4

MPride/MPV 4907nRR/STS	NA	10-06	21	1	35.1**	--	--
Morsoy RT 4446N	2, 5	10-05	21	1	34.7*	22.3*	28.5
Croplan Genetics RC4455	4, 12	10-04	29	1	33.8*	--	--
NK Brand S46-U6	None	10-11	30	1	33.1*	19.7	26.4
NK Brand S49-Q9	None	10-10	27	1	32.6*	20.7	26.7
Asgrow AG4703	5	10-03	20	1	32.5*	24.6*	28.6
Morsoy RTS 4824	2, 5	10-09	20	1	32.4*	23.6*	28.0
Midland MG 4768NRR	11	10-03	24	1	31.9*	--	--
Midland MG 4806NRS	11	10-07	21	1	31.8*	23.3*	27.6
Kruger K-433RR/SCN	5	10-06	24	1	31.7*	20.8	26.3
Willcross RR2446N	11	10-03	23	1	31.6*	23.5*	27.6
Asgrow AG4903	5	10-11	22	1	31.4*	22.6*	27.0
MPride/MPV 4406nRR	NA	10-04	25	1	31.3*	24.0*	27.7
NK Brand S49-H7	None	10-09	25	1	31.2*	--	--
Asgrow AG4405	5	10-04	23	1	31.0*	--	--
Mersch. Memphis 642RR	1, 11	10-03	28	1	30.4*	25.3*	27.9
Mersch. Rocky RR	1, 11	10-04	22	1	29.9*	19.0	24.5
Kruger K-478RR/SCN	5	10-06	26	1	29.9*	--	--
Dyna-Gro 36Y48	2	10-10	23	1	29.8*	18.1	24.0
Midland MG 4878RR	11	10-08	19	1	29.8*	--	--
Pioneer 94M30	3, 4, 8	10-01	20	1	29.8*	18.4	24.1
Midwest Seed Gen. GR4531	None	10-03	22	1	29.6	--	--
Schillinger 495.RC	2	10-12	26	1	29.4	--	--
Asgrow AG4103	5	10-02	18	1	29.3	18.0	23.7
Willcross RR2460NS	11	10-05	25	1	29.3	--	--

TABLE 25. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Mersch. Houston 747RR	1, 11	10-12	20	1	28.9	20.9	24.9
Morsoy RT 4731N+	11	10-04	24	1	28.8	--	--
NK Brand S45-E5	None	10-01	24	1	28.5	--	--
Morsoy RT 4485N	2	10-05	25	1	28.5	21.8	25.2
Stine 5202-4	None	10-08	21	1	28.3	--	--
Morsoy RT 4731N	None	10-04	21	1	27.9	20.4	24.2
Dyna-Gro 35D44	2	10-01	20	1	27.7	--	--
Dyna-Gro 32R46	2	10-09	19	1	27.1	19.4	23.3
Asgrow DKB46-51	5	10-04	21	1	27.0	22.5*	24.8
Willcross RR2460NB	11	10-07	20	1	27.0	--	--
Kruger K-476RR/SCN	5	10-10	16	1	26.8	16.7	21.8
Stone 2475NRR	3	10-02	22	1	26.7	--	--
Croplan Genetics RC4432	4, 12	10-02	22	1	26.5	--	--
Kruger K-410RR/SCN	5	10-01	22	1	26.5	14.0	20.3
Willcross RR2499N	11	10-09	25	1	26.2	--	--
Dyna-Gro 37A44	2	10-03	24	1	26.1	--	--
Dyna-Gro DG3468NRR	5	10-03	20	1	25.9	17.7	21.8
Pioneer 94M50	3, 4, 8	10-01	18	1	25.0	19.3	22.2
NC+ 4A65RS	None	10-02	22	1	25.0	20.4	22.7
Stone 2405NRR	3	9-30	18	1	24.7	--	--
Pioneer 94M80	3, 4, 8	10-04	25	1	24.4	19.6	22.0
MPride/MPV 4707nRR/STS	NA	10-10	17	1	24.1	--	--
Asgrow AG4605	5	10-07	18	1	23.5	--	--
Mersch. Norfolk 741RR	1, 11	10-02	18	1	23.3	23.6*	23.5
Mersch. Nashville 749RR	1, 11	10-06	19	1	22.9	--	--
Stine 4782-4	None	10-11	21	1	22.3	17.4	19.9
GROUP 4 AVERAGE		10-04	22	1	28.7	19.9	24.3
L.S.D. AT .10					5.3	4.1	
C.V. %					12.7	14.4	

MATURITY GROUP 5

Morsoy RT 5154N	2, 5	10-10	29	1	36.4**	20.6*	28.5
Willcross RR2544NSTS	11	10-14	27	1	36.0*	24.0**	30.0
Willcross RR2509N	11	10-07	28	1	35.5*	--	--
Schillinger 557.RC	2	10-14	27	1	34.4*	--	--
Willcross RR2519NSTS	11	10-12	26	1	33.0*	--	--
MPride/MPV 5505nRR/STS	NA	10-12	24	1	32.8*	22.4*	27.6
MPride/MPV 5407nRR	NA	10-11	29	1	31.9	21.7*	26.8
Midwest Seed Gen. GR5331	None	10-14	25	1	24.8	--	--
GROUP 5 AVERAGE		10-11	27	1	33.1	20.7	26.9
L.S.D. AT .10					4.0	3.6	
C.V. %					9.9	14.2	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 26. Performance Summary for Glyphosate Resistant Varieties evaluated at Five Southwest Missouri locations (Harrisonville, Adrian, Urich, Nevada, Lamar) during 2007.

<u>Harrisonville</u> Planted: 06-05 Harvested: 10-25 Growing Season Rainfall: 31.7 in. Irrigation: 0 in.	<u>Adrian</u> Planted: 05-29 Harvested: 10-12 Growing Season Rainfall: 33.8 in. Irrigation: 0 in.	<u>Urich</u> Planted: 05-23 Harvested: 10-10 Growing Season Rainfall: 30.2 in. Irrigation: 0 in.
<u>Nevada</u> Planted: 05-29 Harvested: 10-11 Growing Season Rainfall: 38.4 in. Irrigation: 6 in.	<u>Lamar</u> Planted: 06-19 Harvested: 10-21,24 Growing Season Rainfall: 36.2 in. Irrigation: 0 in.	

Brand-Variety	Yield (Bu/Acre)					Mean
	Harrisonville	Adrian	Urich	Nevada	Lamar	
MATURITY GROUP 3						
Dyna-Gro 35F37	52.4*	40.7**	52.0**	56.2*	29.6	46.2**
Kruger KY3817RN	51.5*	39.5*	44.4	56.4*	36.2**	45.6*
Kruger K-384RR/SCN	51.8*	39.6*	48.6*	54.2	33.5*	45.5*
Asgrow AG3905	53.9**	39.3*	45.6	50.8	34.0*	44.7*
Kruger K-389RR/SCN	49.4	39.6*	45.6	55.0	31.7	44.2
Dyna-Gro 33Y38	47.8	40.2*	46.4*	54.8	30.3	43.9
Dyna-Gro 32X39	52.4*	39.4*	41.4	49.7	32.1	43.0
Dyna-Gro DG3362NRR	47.4	37.1	43.7	52.4	26.0	41.3
Dyna-Gro 35Y36	47.8	34.1	40.7	58.6**	24.8	41.2
Kruger K-382RR/SCN	45.8	34.0	41.0	51.4	29.6	40.4
Dyna-Gro 35G38	46.4	34.4	39.2	49.4	27.8	39.4
Kruger K-363RR/SCN	46.7	35.0	37.2	48.4	29.5	39.4
GROUP 3 AVERAGE	49.4	37.7	43.8	53.1	30.4	42.9
L.S.D. AT .10	4.0	2.4	5.7	3.5	3.1	1.7
C.V. %	6.7	5.4	10.9	5.4	8.5	7.4

MATURITY GROUP 4						
MPride/MPV 4907nRR/STS	49.1	38.5*	47.2*	64.6**	35.1**	46.9**
Asgrow AG4903	51.2*	41.0*	47.8*	62.0*	31.4*	46.7*
Asgrow AG4703	50.8*	41.1**	49.4*	58.9	32.5*	46.5*
Schillinger 495.RC	54.0**	39.9*	48.1*	60.7*	29.4	46.4*
Asgrow AG4605	52.0*	38.8*	51.7*	63.8*	23.5	46.0*
MPride/MPV 4406nRR	52.2*	38.7*	44.7	61.9*	31.3*	45.8*
Midland MG 4768NRR	51.5*	39.0*	45.7	60.5*	31.9*	45.7*
Willcross RR2460NS	53.4*	40.5*	45.9	58.8	29.3	45.6*
Midland MG 4806NRS	51.0*	40.2*	47.4*	57.1	31.8*	45.5*
Morsoy RT 4446N	49.4	36.6	47.0*	59.0	34.7*	45.3*
Morsoy RTS 4824	49.5	40.5*	45.9	58.0	32.4*	45.3*
Midwest Seed Gen. GR4531	48.5	39.1*	45.5	63.2*	29.6	45.2*
Midland MG 4878RR	49.0	39.2*	51.2*	56.4	29.8*	45.1*
MPride/MPV 4707nRR/STS	50.4*	39.3*	52.0**	59.8*	24.1	45.1*
NK Brand S46-U6	51.0*	36.9	49.8*	54.8	33.1*	45.1*
Croplan Genetics RC4455	50.2*	37.5	44.0	59.5	33.8*	45.0*
Dyna-Gro 32R46	51.4*	40.8*	48.8*	56.1	27.1	44.8
Willcross RR2446N	48.8	36.3	45.2	61.8*	31.6*	44.7
Morsoy RT 4485N	51.9*	35.3	45.9	62.0*	28.5	44.7
Morsoy RT 4731N+	49.0	39.1*	46.8	59.6	28.8	44.6

Table 26. Continued.

Brand-Variety	Yield (Bu/Acre)					Mean
	Harrisonville	Adrian	Urich	Nevada	Lamar	
Asgrow DKB46-51	49.4	39.4*	48.8*	58.6	27.0	44.6
Kruger K-476RR/SCN	50.9*	37.1	50.0*	58.1	26.8	44.6
NK Brand S49-Q9	51.7*	38.3*	45.7	54.3	32.6*	44.5
Mersch. Houston 747RR	48.6	36.9	47.8*	60.1*	28.9	44.4
Pioneer 94M30	48.5	37.0	46.3	59.8*	29.8*	44.3
NK Brand S49-H7	51.0*	35.7	45.3	57.5	31.2*	44.1
Kruger K-433RR/SCN	48.9	36.5	44.5	59.0	31.7*	44.1
Stone 2475NRR	49.0	37.0	45.8	61.9*	26.7	44.1
Morsoy RT 4731N	50.5*	37.3	45.9	58.7	27.9	44.1
Dyna-Gro 36Y48	48.6	35.6	44.0	61.5*	29.8*	43.9
NK Brand S45-E5	52.2*	36.2	45.4	56.5	28.5	43.8
Mersch. Rocky RR	50.6*	34.7	42.3	61.2*	29.9*	43.7
Willcross RR2499N	48.5	38.6*	46.5	58.7	26.2	43.7
Asgrow AG4405	45.6	37.4	45.7	58.7	31.0*	43.7
Stone 2405NRR	48.9	40.3*	45.1	56.2	24.7	43.0
Asgrow AG4103	48.3	35.5	46.4	55.6	29.3	43.0
Mersch. Memphis 642RR	48.2	36.2	41.5	58.0	30.4*	42.9
Stine 5202-4	46.3	33.9	44.9	60.8*	28.3	42.8
Dyna-Gro 37A44	50.5*	37.7	40.2	59.6	26.1	42.8
NC+ 4A65RS	46.8	37.2	46.6	57.9	25.0	42.7
Stine 4782-4	48.9	37.1	48.5*	56.2	22.3	42.6
Mersch. Nashville 749RR	48.7	40.1*	47.3*	53.4	22.9	42.5
Willcross RR2460NB	48.5	35.7	45.5	54.1	27.0	42.2
Kruger K-478RR/SCN	47.3	33.9	41.8	55.0	29.9*	41.6
Mersch. Norfolk 741RR	49.8	36.1	43.9	54.1	23.3	41.4
Dyna-Gro DG3468NRR	48.5	36.9	43.1	52.3	25.9	41.3
Pioneer 94M80	46.7	38.1	45.9	51.5	24.4	41.3
Kruger K-410RR/SCN	45.3	35.0	43.4	54.7	26.5	41.0
Pioneer 94M50	45.0	35.7	43.3	53.9	25.0	40.6
Dyna-Gro 35D44	45.7	35.4	38.4	53.6	27.7	40.2
Croplan Genetics RC4432	43.7	35.8	41.0	47.9	26.5	39.0
GROUP 4 AVERAGE	49.3	37.6	45.9	58.0	28.7	43.9
L.S.D. AT .10	3.9	2.8	5.0	4.9	5.3	2.0
C.V. %	5.8	5.4	7.7	5.9	12.7	7.5

MATURITY GROUP 5

Morsoy RT 5154N	50.8*	43.0	46.7	58.3**	36.4**	47.0**
Willcross RR2544NSTS	50.4*	46.7**	47.4**	54.6	36.0*	47.0**
Schillinger 557.RC	52.2**	45.8*	43.8	56.0	34.4*	46.4*
MPride/MPV 5505nRR/STS	48.9	44.1*	46.6	57.0	32.8*	45.9*
MPride/MPV 5407nRR	50.2*	41.6	45.1	56.8	31.9	45.1
Willcross RR2509N	51.6*	40.7	43.0	53.2	35.5*	44.8
Willcross RR2519NSTS	49.3	40.8	43.0	53.1	33.0*	43.8
Midwest Seed Gen. GR5331	43.7	39.6	42.1	53.6	24.8	40.8
GROUP 5 AVERAGE	49.6	42.8	44.7	55.3	33.1	45.1
L.S.D. AT .10	2.7	3.2	NS	NS	4.0	1.6
C.V. %	4.4	6.1	7.4	6.3	9.9	6.8

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

NS Not Significant

Note: To view seed treatments for these varieties refer to the location table or the characteristics chart.

TABLE 27. Non-Glyphosate Resistant / Special Traits Soybean Test

Southwest Region: Harrisonville, MO (Cass County)

Soil Type: Haig Silt Loam Soil Test: pH=5.8, OM=2.9%, P=64, K=428

Cyst Nematode Population at Planting: 165 Eggs/250cc of Soil

Rainfall: May=11.3, June=11.9, July=4.2, Aug.=2.0, Sept.=2.3 Total=31.7 in.

Irrigation: 0 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
High Yield Check 5	--	9-26	29	1	52.3**	45.1	48.7
MPride/MPV 415CN	NA	9-26	31	1	51.5*	--	--
High Yield Check 6	--	10-05	38	1	50.4*	44.7	47.6
High Yield Check 4	--	9-28	36	1	48.6	47.3	48.0
Jake	3, 8	10-07	30	1	46.9	44.1	45.5
Stoddard	3, 8	10-06	29	1	46.8	41.5	44.2
TEST AVERAGE		9-30	32	1	49.4	45.4	47.4
L.S.D. AT .10					2.9	NS	
C.V. %					4.7	6.3	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

NS Not Significant

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 28. Non-Glyphosate Resistant / Special Traits Soybean Test

Southwest Region: Adrian, MO (Bates County)

Soil Type: Kenoma Silt Loam Soil Test: pH=6.5, OM=2.5%, P=60, K=360

Cyst Nematode Population at Planting: 330 Eggs/250cc of Soil

Rainfall: May=10.4, June=10.8, July=8.6, Aug.=1.1, Sept.=2.9 Total=33.8 in.

Irrigation: 0 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Jake	3, 8	10-08	34	1	39.8**	33.8	36.8
High Yield Check 5	--	9-25	26	1	39.7*	37.3*	38.5
MPride/MPV 415CN	NA	9-23	31	1	37.7	--	--
High Yield Check 6	--	10-04	37	1	36.9	33.2	35.1
Stoddard	3, 8	10-07	31	1	36.0	36.1	36.1
High Yield Check 4	--	9-23	33	1	35.8	37.7**	36.8
TEST AVERAGE		9-29	32	1	37.6	35.2	36.4
L.S.D. AT .10					1.8	NS	
C.V. %					4.0	3.8	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

NS Not Significant

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 29. Non-Glyphosate Resistant / Special Traits Soybean Test

Southwest Region: Urich, MO (Henry County)

Soil Type: Hartwell Silt Loam Soil Test: pH=6.0, OM=2.1%, P=58, K=280

Cyst Nematode Population at Planting: 1995 Eggs/250cc of Soil

Rainfall: May=8.9, June=6.5, July=7.0, Aug.=3.3, Sept.=4.5 Total=30.2 in.

Irrigation: 0 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
High Yield Check 5	--	9-27	29	1	48.8**	34.4*	41.6
High Yield Check 6	--	10-01	36	1	43.8	30.0	36.9
High Yield Check 4	--	9-28	36	1	43.6	32.8	38.2
Stoddard	3, 8	10-06	29	1	42.2	36.2**	39.2
Jake	3, 8	10-07	33	1	41.5	34.3*	37.9
MPride/MPV 415CN	NA	9-25	27	1	39.8	--	--
TEST AVERAGE		9-30	32	1	43.3	33.4	38.4
L.S.D. AT .10					2.6	2.5	
C.V. %					4.9	5.9	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 30. Non-Glyphosate Resistant / Special Traits Soybean Test

Southwest Region: Nevada, MO (Vernon County)

Soil Type: Parson Silt Loam Soil Test: pH=6.0, OM=2.5%, P=60, K=350

Cyst Nematode Population at Planting: 4133 Eggs/250cc of Soil

Rainfall: May=8.9, June=15.4, July=8.6, Aug.=1.4, Sept.=4.1 Total=38.4 in.

Irrigation: 6 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Jake	3, 8	10-11	33	1	61.4**	41.0*	51.2
Stoddard	3, 8	10-09	29	1	58.1*	37.6**	47.9
High Yield Check 4	--	10-01	37	1	57.6	36.8	47.2
High Yield Check 5	--	9-28	34	1	55.5	37.8	46.7
High Yield Check 6	--	10-05	42	1	53.1	34.9	44.0
MPride/MPV 415CN	NA	9-30	36	1	51.0	--	--
TEST AVERAGE		10-03	35	1	56.1	35.1	45.6
L.S.D. AT .10					3.7	2.2	
C.V. %					5.3	4.9	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 31. Non-Glyphosate Resistant / Special Traits Soybean Test

Southwest Region: Lamar, MO (Barton County)

Soil Type: Parsons Silt Loam Soil Test: pH=6.3, OM=2.4%, P=30, K=226

Cyst Nematode Population at Planting: 9750 Eggs/250cc of Soil

Rainfall: May=6.4, June=19.0, July=4.7, Aug.=2.2, Sept.=3.8 Total=36.2 in.

Irrigation: 0 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Jake	3, 8	10-12	22	1	41.2**	28.0**	34.6
Stoddard	3, 8	10-10	18	1	38.8*	19.9*	29.4
High Yield Check 4	--	10-03	20	1	32.0	25.7*	28.9
High Yield Check 5	--	10-05	17	1	31.2	27.4*	29.3
High Yield Check 6	--	10-09	23	1	29.2	21.9	25.6
MPride/MPV 415CN	NA	10-01	22	1	24.0	--	--
TEST AVERAGE		10-06	20	1	32.7	19.3	26.0
L.S.D. AT .10					3.4	NS	
C.V. %					8.3	20.2	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

NS Not Significant

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 32. Performance Summary for Non-Glyphosate Resistant / Special Traits Varieties evaluated at Five Southwest Missouri locations (Harrisonville, Adrian, Urich, Nevada, Lamar) during 2007.

<u>Harrisonville</u> Planted: 06-05 Harvested: 10-25 Growing Season Rainfall: 31.7 in. Irrigation: 0 in.	<u>Adrian</u> Planted: 05-29 Harvested: 10-12 Growing Season Rainfall: 33.8 in. Irrigation: 0 in.	<u>Urich</u> Planted: 05-23 Harvested: 10-10 Growing Season Rainfall: 30.2 in. Irrigation: 0 in.
<u>Nevada</u> Planted: 05-29 Harvested: 10-11 Growing Season Rainfall: 38.4 in. Irrigation: 6 in.	<u>Lamar</u> Planted: 06-19 Harvested: 10-24 Growing Season Rainfall: 36.2 in. Irrigation: 0 in.	

Brand-Variety	Yield (Bu/Acre)					Mean
	Harrisonville	Adrian	Urich	Nevada	Lamar	
Jake	46.9	39.8**	41.5	61.4**	41.2**	46.2**
High Yield Check 5	52.3**	39.7*	48.8**	55.5	31.2	45.5*
Stoddard	46.8	36.0	42.2	58.1*	38.8*	44.4
High Yield Check 4	48.6	35.8	43.6	57.6	32.0	43.5
High Yield Check 6	50.4*	36.9	43.8	53.1	29.2	42.7
MPride/MPV 415CN	51.5*	37.7	39.8	51.0	24.0	40.8
TEST AVERAGE	49.4	37.6	43.3	56.1	32.7	43.8
L.S.D. AT .10	2.9	1.8	2.6	3.7	3.4	1.3
C.V. %	4.7	4.0	4.9	5.3	8.3	5.4

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

Note: To view seed treatments for these varieties refer to the location table or the characteristics chart.

Southeast Region Crop Management Summary

There are five locations in the Southeast Region for Glyphosate Resistant and Non-Glyphosate Resistant / Special Traits Soybean Tests this year. They are located in counties where a significant number of acres of soybean are grown according to the Missouri Agricultural Statistics Service. Cultural practices vary slightly between locations, but tend to reflect those followed by farmers in the area.

Average yields at the five Southeast Region locations ranged from 43.7 bushels/acre at Morehouse to 65.3 bushels/acre at Oran this year. Several varieties topped 80 bushels/acre at Oran and Dexter. Rainfall was short for the growing season but all five sites received supplemental irrigation to boost the soybeans' performance. Both tests at Portageville were sprayed with Mustang Max this summer to control bean leaf beetle and the test at Morehouse was sprayed with Headline as a preventative measure to control numerous soybean diseases.

Climatological information for the growing season (May 1 – September 30) for the Southeast Region is summarized below and cultural practices for each site are listed in Table 33.

Average temperature = 76.4 degrees, 2.3 degrees above normal

Average precipitation = 15.1", 4.0" below normal

Table 33. Southeast Region Crop Management Summary

Location	Planting date	Harvest date	Fertilizer			Tillage	Herbicide	
			N	P ₂ O ₅	K ₂ O		Pre	Post
<i>Glyphosate Resistant Soybean Tests</i>								
Oran	05-15	09-20, 10-04, 10-15	0	0	0	Conventional	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	Roundup WeatherMax
Dexter	05-21	10-01, 10-10, 10-31, 11-01	0	0	0	Conventional	Dual II Magnum, FirstRate, Authority	Roundup WeatherMax
Morehouse	05-22	10-09, 11 -05	0	0	0	Conventional	Dual II Magnum, FirstRate, Authority	Roundup WeatherMax
Portageville (Loam)	05-08	09-19, 10-07, 10-29	0	0	0	Conventional	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	Roundup WeatherMax
Portageville (Clay)	05-09	09-21, 10-05, 11-04	0	0	0	Conventional	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	Roundup WeatherMax
<i>Non-Glyphosate Resistant / Special Traits Soybean Tests</i>								
Oran	05-15	10-15	0	0	0	Conventional	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	Ultra Blazer, Select
Dexter	05-21	10-11	0	0	0	Conventional	Dual II Magnum, FirstRate, Authority	Flexstar, Assure II
Morehouse	05-22	11-05	0	0	0	Conventional	Dual II Magnum, FirstRate, Authority	Ultra Blazer, Select
Portageville (Loam)	05-08	10-29	0	0	0	Conventional	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	Ultra Blazer, Select
Portageville (Clay)	05-09	11-04	0	0	0	Conventional	Dual II Magnum, FirstRate, Authority, Roundup WeatherMax	Ultra Blazer, Select

TABLE 34. Glyphosate Resistant Soybean Test

Southeast Region: Oran, MO (Scott County)

Soil Type: Commerce Silt Loam Soil Test: pH=6.7, OM=2.5%, P=54, K=320

Cyst Nematode Population at Planting: 4793 Eggs/250cc of Soil

Rainfall: May=3.4, June=2.9, July=4.1, Aug.=0.8, Sept.=3.3 Total=14.5 in.

Irrigation: 5 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
MATURITY GROUP 3							
Asgrow AG3803	5	9-03	48	1	78.6**	--	--
Croplan Genetics RC3935	4, 12	9-06	47	1	71.0	--	--
Progeny 3900 RR	3, 8	9-05	39	3	63.9	65.8*	64.9
Dairyland 8396RR	5	9-08	42	1	62.8	--	--
Hornbeck HBK R3824	3, 8	9-08	47	4	62.2	60.1	61.2
GROUP 3 AVERAGE		9-05	45	2	67.7	62.3	65.0
L.S.D. AT .10					7.4	3.9	
C.V. %					8.7	5.2	
MATURITY GROUP 4							
Morsoy RTS 4706N	2	9-18	36	1	86.6**	65.5*	76.1
UniSouth USG 74F78	2, 4	9-17	42	4	81.0*	--	--
Crow's C4717R	None	9-15	48	1	79.9*	--	--
Croplan Genetics RC4455	4, 12	9-14	46	3	79.1*	55.3	67.2
MPride/MPV 4907nRR/STS	NA	9-18	45	2	78.3*	--	--
Dyna-Gro 35Z49	2	9-22	51	2	77.3*	56.6	67.0
Armor 47-F8	--	9-18	39	1	76.9*	--	--
Southern Cross Galilee	2	9-19	42	2	76.8*	--	--
Morsoy RTS 4955N	2	9-19	47	3	76.7*	63.3*	70.0
Dyna-Gro 32R46	2	9-19	37	1	76.5*	--	--
Asgrow AG4605	5	9-17	39	1	75.8*	--	--
Asgrow AG4703	5	9-14	39	2	75.7*	61.6	68.6
Delta King DKXTJ848	2, 9	9-17	46	3	75.7*	--	--
Morsoy RT 4485N	2	9-16	48	3	75.5*	63.4*	69.5
Delta Pine DP 4450 RR	3, 4, 7	9-16	45	2	75.5*	--	--
MPride/MPV 4406nRR	NA	9-13	51	1	75.5*	62.4*	69.0
Delta Grow 4780RR	2	9-19	48	2	75.3	--	--
Hornbeck HBK R4924	3, 8	9-22	51	3	74.4	55.3	64.9
MPride/MPV 4707nRR/STS	NA	9-15	39	1	74.3	--	--
Mersch. Houston 747RR	1, 11	9-19	35	1	74.0	59.1	66.6
Mersch. Dallas RR	1, 11	9-17	40	2	73.8	61.9	67.9
UniSouth USG 7495nRS	2, 4	9-22	47	3	73.8	65.4*	69.6
UniSouth USG 74A27	2, 4	9-19	36	1	73.8	--	--
NK Brand S49-H7	None	9-19	49	2	73.7	59.9*	66.8
Progeny 4807 RR	3, 8	9-22	48	1	73.6	--	--
Dairyland 8482RR	5	9-21	51	2	73.4	--	--
Hornbeck HBK R4727	3, 8	9-22	48	1	73.4	--	--
Progeny 4906 RR	3, 8	9-19	43	2	73.4	57.2	65.3
Morsoy RT 4707N	2	9-19	45	2	73.0	--	--
NK Brand S49-Q9	None	9-23	54	3	72.9	60.6	66.8
Delta Grow 4470RR/STS	2	9-14	36	1	72.9	--	--
Progeny 4706 RR	3, 8	9-14	48	3	72.3	56.5	64.4
Delta Grow 4770RR	2	9-15	47	2	72.1	61.1	66.6
Delta King DKXTJ847	2, 9	9-16	48	2	72.1	--	--
Delta Grow 4150RR	2	9-16	45	3	71.2	53.7	62.5

TABLE 34. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
				-----bu/acre-----			
Delta Pine DPX 4334 RR	3, 4, 7	9-15	51	1	71.1	--	--
Mersch. Nashville 749RR	1, 11	9-20	42	2	71.0	--	--
Delta Grow 4860RR	2	9-17	42	3	70.7	63.4*	67.1
Delta Pine DP 4724 RR	3, 4, 7	9-18	45	3	70.7	59.4	65.1
Mersch. Denver 742RR	1, 11	9-20	36	1	70.6	58.3	64.5
Dyna-Gro 36Y48	2	9-23	45	1	70.3	59.1	64.7
Morsoy RTS 4556N	2	9-16	42	1	70.2	--	--
Asgrow AG4405	5	9-12	42	2	70.1	--	--
Dyna-Gro 37P49	2	9-20	51	2	69.9	56.6	63.3
FFR 4886	3	9-25	46	2	69.8	62.0	65.9
Schillinger 457.RCP	2	9-18	46	2	69.7	--	--
Mersch. Rocky RR	1, 11	9-16	39	2	69.6	60.5	65.1
Delta Pine DP 4919 RR/S	3, 4, 7	9-17	51	3	69.1	59.7	64.4
FFR 4767	3	9-19	45	3	68.9	--	--
Southern Cross Caleb	2	9-20	40	1	68.7	--	--
Armor X4560	--	9-19	43	3	68.7	--	--
Progeny 4606 RR	3, 8	9-17	36	1	68.4	53.7	61.1
Delta Pine DP 4888 RR/S	3, 4, 7	9-24	45	2	68.3	58.2	63.3
Dyna-Gro 33Y45	2	9-14	39	2	68.3	--	--
FFR 4526	3	9-14	45	2	68.2	--	--
Progeny 4804 RR	3, 8	9-17	42	3	68.2	61.0	64.6
Croplan Genetics RC4955	4, 12	9-17	54	2	68.2	58.8	63.5
Stine 4782-4	None	9-16	36	1	67.9	58.6	63.3
Trisoy 4760RR(CN)	None	9-14	34	1	67.7	--	--
Progeny 4206 RR	3, 8	9-11	40	1	67.6	60.7	64.2
Delta Pine 07-4950 RR	3, 4, 7	9-22	52	1	67.5	--	--
Pioneer 94M80	3, 4, 8	9-15	42	3	67.5	56.8	62.2
Dairyland 8474RR	5	9-18	48	2	67.5	--	--
Pioneer 94M30	3, 4, 8	9-15	39	2	67.5	52.7	60.1
Southern Cross Eli	2	9-17	36	1	67.4	--	--
Mersch. Austin 643RR	1, 11	9-15	42	1	67.1	60.6	63.9
Morsoy RT 4806N	2	9-15	48	3	66.9	63.2*	65.1
Delta King DK4763	2, 9	9-15	44	2	66.8	50.1	58.5
Asgrow DKB46-51	5	9-15	47	3	66.8	--	--
Mersch. Memphis 642RR	1, 11	9-15	51	3	66.6	57.2	61.9
Mersch. Norfolk 741RR	1, 11	9-14	40	1	66.4	61.0	63.7
UniSouth USG 7440nRR	2, 4	9-14	48	2	66.3	54.1	60.2
Crow's C4815R	None	9-14	47	3	65.8	55.1	60.5
Dyna-Gro 38X47	2	9-16	36	4	65.7	--	--
NK Brand S46-U6	None	9-16	48	2	65.7	68.2**	67.0
NK Brand S45-E5	None	9-15	45	2	65.6	--	--
Delta King DK4967	2, 9	9-15	45	2	65.3	61.1	63.2
Delta Grow 4975 LARR	2	9-16	48	2	65.1	--	--
Delta King DK4567	2, 9	9-17	45	2	65.0	55.3	60.2
Trisoy 4227RR(CN)	None	9-14	34	1	64.9	--	--
Progeny 4949 RR	3, 8	9-22	49	3	64.6	56.4	60.5
Delta Grow 4660RR	2	9-15	48	3	64.5	58.7	61.6
Stine 5202-4	None	9-19	48	2	64.4	--	--
Delta Grow 4840RR	2	9-18	45	3	64.4	58.3	61.4
Southern Cross Hiram	2	9-20	42	1	64.0	--	--
Asgrow AG4903	5	9-18	43	2	64.0	57.3	60.7
Mersch. Richmond 649RR	1, 11	9-17	54	3	63.8	61.5	62.7
Dyna-Gro 37A44	2	9-15	50	3	63.8	59.6	61.7
Progeny 4507 RR	3, 8	9-14	42	2	63.3	--	--
Schillinger 495.RC	2	9-21	52	3	62.7	58.4	60.6

TABLE 34. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Dairyland 8450RR	5	9-11	39	1	62.0	54.4	58.2
UniSouth USG 7494nRR	2, 4	9-19	42	4	61.8	--	--
Gateway 4R495	2	9-18	39	4	61.8	58.4	60.1
Dyna-Gro 35D44	2	9-13	42	1	61.0	--	--
Delta Grow 4460RR	2	9-13	53	3	60.9	55.6	58.3
Pioneer 94M31	2	9-14	46	1	60.6	51.8	56.2
Gateway 4RS477	2	9-18	39	1	60.4	--	--
Delta Grow 4970RR	2	9-20	48	3	60.0	59.6	59.8
UniSouth USG 7466nRR	2, 4	9-15	42	2	60.0	63.5*	61.8
Hornbeck HBK R4527	3, 8	9-14	45	4	59.8	--	--
Delta King DK4667	2, 9	9-23	49	4	59.0	61.1	60.1
Armor 49-V6	--	9-18	48	4	58.1	56.7	57.4
Delta King DK4866	2, 9	9-17	45	2	58.0	60.0	59.0
Morsoy RT 4914N	2	9-19	52	3	57.5	63.9*	60.7
Delta Pine DP 4546 RR	3, 4, 7	9-14	52	2	57.2	51.2	54.2
Schillinger 467.RCP	2	9-14	43	2	55.6	--	--
JGL EXP JG49	2	9-21	45	4	55.4	--	--
Delta King DK4968	2, 9	9-15	51	3	54.9	54.0	54.5
MPride/MPV 4808nRR/STS	NA	9-15	51	4	53.1	--	--
Pioneer 94B73	2	9-14	42	3	51.5	54.0	52.8
Progeny 4817 RR	3, 8	9-14	46	4	50.0	--	--
Delta Grow 4960RR	2	9-26	42	3	48.4	56.4	52.4
GROUP 4 AVERAGE		9-16	45	2	67.9	57.3	62.6
L.S.D. AT .10					11.1	5.8	
C.V. %					11.8	7.2	
MATURITY GROUP 5							
Armor 54-A5	--	10-02	45	2	78.8**	--	--
Pioneer 95M82	2	10-03	45	2	77.1*	--	--
MPride/MPV 5505nRR/STS	NA	10-03	45	2	74.8*	61.6*	68.2
Delta King DK5066	2, 9	9-21	45	3	73.6*	51.2	62.4
Delta King DK5567	2, 9	10-01	40	3	72.7*	54.7	63.7
Delta Grow 5160RR/STS	2	9-25	51	3	72.4*	55.8	64.1
Delta Pine DP 5115 RR/S	3, 4, 7	9-26	52	1	71.7*	56.3	64.0
UniSouth USG 7515nRS	2, 4	9-23	45	3	71.5*	55.0	63.3
MPride/MPV 5407nRR	NA	10-01	45	3	71.1*	59.0	65.1
UniSouth USG 7553nRS	2, 4	10-04	45	3	71.0*	61.2*	66.1
Armor X5350	--	10-02	39	2	70.7*	--	--
Progeny 5407 RR	3, 8	9-30	45	3	70.3*	--	--
Dyna-Gro 33X55	2	10-01	45	3	69.7	59.0	64.4
UniSouth USG 75J17	2, 4	9-21	45	1	69.5	--	--
MPride/MPV EXP 55-7	NA	9-22	48	1	69.0	55.5	62.3
FFR 5116	3	9-23	48	2	68.8	56.8	62.8
Morsoy RT 5107N	2	9-21	48	1	68.7	--	--
Dairyland 8509RR	5	9-19	51	3	68.0	57.8	62.9
Southern Cross Damascus	2	9-19	45	3	67.7	56.7	62.2
UniSouth USG 75J47	2, 4	9-30	39	2	67.5	--	--
Delta Pine DP 5335 RR/S	3, 4, 7	9-22	51	2	66.6	--	--
Delta Pine DP 5634 RR	3, 4, 7	10-02	36	3	66.5	54.5	60.5
Mersch. Everest 755RR	1, 11	9-28	39	3	66.5	--	--
Delta King DK52K6	2, 9	10-01	45	3	66.5	63.2*	64.9
Delta King DKXTJ851	2, 9	9-26	39	2	66.2	--	--
Dairyland 8512RR	5	9-25	51	2	66.1	61.4*	63.8
Delta Grow 5300RR	2	9-26	45	4	66.0	55.3	60.7
MPride/MPV 5308nRR	NA	10-01	33	4	66.0	--	--

TABLE 34. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Hornbeck HBK RS5227	3, 8	9-29	45	4	65.0	--	--
UniSouth USG 75J32	2, 4	9-28	45	3	64.9	--	--
Dyna-Gro 33P54	2	9-30	45	2	64.9	--	--
Dyna-Gro 39F51	2	9-22	54	3	64.9	--	--
FFR 5663	3	9-30	42	3	64.9	58.3	61.6
Delta Grow 5270RR	2	9-15	45	1	64.9	--	--
Progeny 5507 RR	3, 8	10-01	38	2	64.8	--	--
Delta King DK5068	2, 9	9-21	42	4	63.6	61.9	62.8
Dyna-Gro 36N57	2	9-30	38	3	63.3	54.6	59.0
Progeny 5207 RR	3, 8	9-16	54	1	63.2	--	--
Progeny 5115 RR	3, 8	9-24	45	2	62.6	53.1	57.9
Schillinger 557.RC	2	9-26	42	4	61.8	--	--
Morsoy RT 5407N	2	9-25	39	2	61.6	--	--
Hornbeck HBK R5226	3, 8	9-25	45	3	61.3	58.4	59.9
Asgrow AG5301	5	10-01	51	3	60.7	55.7	58.2
Morsoy RT 5306N	2	9-29	45	4	60.6	58.4	59.5
Gateway 5R501	2	9-21	48	3	59.7	--	--
Delta Grow 5470RR/STS	2	9-29	45	3	59.1	59.2	59.2
Hornbeck HBK R5525	3, 8	10-02	48	3	59.1	59.7*	59.4
Progeny 5307 RR	3, 8	9-20	42	3	58.9	--	--
Morsoy RT 5506N	2	9-29	39	3	58.8	52.5	55.7
Mersch. Rushmore 750RR	1, 11	9-15	45	3	58.7	--	--
Armor GP-533	--	9-30	45	3	57.6	--	--
Delta King DK5366	2, 9	10-03	36	4	55.7	56.7	56.2
Delta Grow 5630RR	2	10-05	54	3	55.6	52.3	54.0
Dyna-Gro 33C59	2	10-02	43	4	55.5	--	--
Dyna-Gro 3583	2	9-30	45	3	54.7	57.3	56.0
Pioneer 95M50	2	10-01	39	2	53.9	59.6*	56.8
Dyna-Gro 32A53	2	9-26	36	4	53.2	54.2	53.7
UniSouth USG Allen	2, 4	9-30	45	3	53.1	58.6	55.9
Dyna-Gro 34J56	2	9-26	45	3	53.0	54.5	53.8
Croplan Genetics RC5007 S	4, 12	9-28	43	4	52.1	--	--
Morsoy RT 5307N	2	9-15	45	3	51.6	--	--
Delta Grow 5570 RR	2	9-30	42	3	50.4	--	--
Armor 52-U2	--	9-23	42	3	49.6	--	--
Dyna-Gro SX06856	2	9-25	36	3	49.5	--	--
Delta King DK55T6	2, 9	9-26	42	3	49.1	55.7	52.4
Progeny 5107 RR	3, 8	9-24	45	3	48.8	--	--
Hornbeck HBK R5425	3, 8	10-03	51	4	48.7	51.4	50.1
Delta King DK5368	2, 9	9-27	45	3	48.4	60.4*	54.4
Mersch. Olympus 854RR	1, 11	9-25	39	4	48.3	--	--
Dyna-Gro 31R54	2	9-30	33	2	46.0	--	--
Progeny 5650	3, 8	10-04	42	4	43.6	51.6	47.6
Dyna-Gro 33B52	2	10-02	37	3	42.9	49.4	46.2
MPride/MPV 5408nRR	NA	9-29	39	4	42.8	--	--
Delta King DK5161	2, 9	9-25	42	4	36.7	50.8	43.8
GROUP 5 AVERAGE		9-26	44	3	61.1	56.3	58.7
L.S.D. AT .10					8.6	6.6	
C.V. %					10.0	8.5	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 35. Glyphosate Resistant Soybean Test

Southeast Region: Dexter, MO (Stoddard County)

Soil Type: Crowley Silt Loam Soil Test: pH=6.4, OM=1.6%, P=16, K=166

Cyst Nematode Population at Planting: 0 Eggs/250cc of Soil

Rainfall: May=4.6, June=2.6, July=2.9, Aug.=0.9, Sept.=1.8 Total=12.8 in.

Irrigation: 6 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
MATURITY GROUP 3							
Asgrow AG3803	5	9-13	36	2	76.8**	--	--
Croplan Genetics RC3935	4, 12	9-15	41	2	69.7*	--	--
Dairyland 8396RR	5	9-17	36	1	68.0	--	--
Progeny 3900 RR	3, 8	9-16	36	1	65.5	56.0	60.8
Hornbeck HBK R3824	3, 8	9-16	42	2	62.8	60.7*	61.8
GROUP 3 AVERAGE		9-14	38	2	68.6	59.4	64.0
L.S.D. AT .10					7.8	4.2	
C.V. %					9.0	5.9	

MATURITY GROUP 4

Trisoy 4760RR(CN)	None	9-23	39	1	80.7**	--	--
NK Brand S46-U6	None	10-01	48	2	76.0*	75.0*	75.5
Delta Grow 4470RR/STS	2	9-20	36	1	74.5*	--	--
MPride/MPV 4707nRR/STS	NA	9-25	39	1	74.3*	--	--
Dyna-Gro 32R46	2	9-26	36	1	73.8*	--	--
Delta Pine 07-4950 RR	3, 4, 7	9-30	42	3	73.7*	--	--
Progeny 4807 RR	3, 8	9-26	45	2	73.6*	--	--
Morsoy RT 4485N	2	9-22	45	3	73.0*	71.8	72.4
Mersch. Houston 747RR	1, 11	9-27	36	2	72.9*	73.4*	73.2
Morsoy RT 4707N	2	9-24	45	2	72.8*	--	--
Croplan Genetics RC4955	4, 12	10-04	51	3	72.8*	68.1	70.5
FFR 4767	3	9-23	45	3	72.8*	--	--
Progeny 4706 RR	3, 8	9-21	36	4	72.8*	71.2	72.0
MPride/MPV 4907nRR/STS	NA	10-02	43	2	72.7*	--	--
Delta Grow 4780RR	2	9-24	45	2	72.6*	--	--
Gateway 4RS477	2	9-24	37	1	72.6*	--	--
Hornbeck HBK R4727	3, 8	9-23	42	4	72.4*	--	--
Delta Grow 4970RR	2	10-04	48	4	72.1*	62.3	67.2
Armor X4560	--	9-21	42	4	71.9*	--	--
Hornbeck HBK R4924	3, 8	10-03	54	3	71.2	60.5	65.9
Stine 4782-4	None	9-22	34	1	71.2	74.2*	72.7
Mersch. Austin 643RR	1, 11	9-21	33	1	71.1	67.7	69.4
Southern Cross Eli	2	9-22	48	3	70.7	--	--
FFR 4526	3	9-22	39	2	70.5	--	--
FFR 4886	3	10-02	45	4	70.1	68.5	69.3
Asgrow AG4703	5	9-22	33	4	69.2	66.4	67.8
Croplan Genetics RC4455	4, 12	9-24	36	1	69.2	68.9	69.1
Morsoy RT 4914N	2	10-03	42	4	69.1	69.0	69.1
Armor 49-V6	--	10-01	42	3	68.9	68.7	68.8
Delta Pine DPX 4334 RR	3, 4, 7	9-19	45	2	68.8	--	--
Dairyland 8482RR	5	9-30	45	3	68.8	--	--
Mersch. Rocky RR	1, 11	9-21	39	2	68.6	54.7	61.7
Morsoy RTS 4955N	2	10-03	42	4	68.4	65.8	67.1
Southern Cross Caleb	2	9-22	36	2	68.4	--	--
UniSouth USG 7495nRS	2, 4	10-03	48	2	68.2	72.0	70.1

TABLE 35. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Dyna-Gro 36Y48	2	10-02	45	4	68.1	67.4	67.8
Asgrow AG4605	5	9-19	37	3	67.9	--	--
Dyna-Gro 35Z49	2	10-01	45	4	67.8	59.2	63.5
Trisoy 4227RR(CN)	None	9-21	33	1	67.8	--	--
Progeny 4906 RR	3, 8	9-30	39	3	67.8	69.6	68.7
UniSouth USG 7494nRR	2, 4	9-21	54	4	67.7	--	--
Armor 47-F8	--	9-25	39	2	67.5	--	--
Delta King DKXTJ848	2, 9	9-18	45	3	66.9	--	--
NK Brand S49-Q9	None	9-30	42	3	66.6	66.8	66.7
Delta Grow 4460RR	2	9-20	48	3	66.4	69.0	67.7
Southern Cross Hiram	2	9-24	39	1	66.2	--	--
Progeny 4606 RR	3, 8	9-24	39	1	66.2	67.4	66.8
JGL EXP JG49	2	10-03	48	4	66.0	--	--
Morsoy RT 4806N	2	9-23	40	2	65.8	72.4	69.1
MPride/MPV 4808nRR/STS	NA	9-21	55	3	65.8	--	--
Mersch. Nashville 749RR	1, 11	9-22	39	2	65.7	--	--
Dyna-Gro 33Y45	2	9-22	42	3	65.6	--	--
Dairyland 8474RR	5	9-23	42	2	65.5	--	--
Delta King DKXTJ847	2, 9	9-22	42	3	65.5	--	--
Southern Cross Galilee	2	9-23	45	3	65.3	--	--
Delta Pine DP 4450 RR	3, 4, 7	9-20	45	3	65.2	--	--
NK Brand S45-E5	None	9-20	39	2	65.0	--	--
Delta Grow 4770RR	2	9-22	45	4	65.0	65.0	65.0
Delta King DK4967	2, 9	9-25	42	2	64.8	62.6	63.7
Pioneer 94M30	3, 4, 8	9-16	36	3	64.8	62.7	63.8
Delta Pine DP 4919 RR/S	3, 4, 7	9-23	53	3	64.8	71.2	68.0
Dyna-Gro 38X47	2	9-24	36	4	64.7	--	--
UniSouth USG 7466nRR	2, 4	9-22	51	4	64.7	62.2	63.5
UniSouth USG 74A27	2, 4	9-17	36	3	64.6	--	--
MPride/MPV 4406nRR	NA	9-19	48	4	64.5	80.2**	72.4
Stine 5202-4	None	10-03	51	3	64.3	--	--
Delta King DK4968	2, 9	9-30	48	3	64.3	68.9	66.6
Dyna-Gro 37P49	2	9-30	34	4	64.3	73.0	68.7
Morsoy RTS 4706N	2	9-23	33	1	63.9	74.2*	69.1
UniSouth USG 74F78	2, 4	9-25	39	4	63.9	--	--
Dyna-Gro 37A44	2	9-21	45	2	63.6	69.3	66.5
Delta Grow 4840RR	2	9-22	42	4	63.3	52.7	58.0
Delta Grow 4150RR	2	9-23	45	4	63.3	64.0	63.7
Crow's C4717R	None	9-22	45	1	63.2	--	--
Mersch. Richmond 649RR	1, 11	9-30	42	4	63.2	73.3	68.3
Dyna-Gro 35D44	2	9-22	39	1	63.1	--	--
Delta Pine DP 4888 RR/S	3, 4, 7	9-23	45	3	63.0	63.9	63.5
Mersch. Memphis 642RR	1, 11	9-20	44	4	62.9	67.1	65.0
Schillinger 495.RC	2	10-03	46	4	62.5	63.3	62.9
Mersch. Denver 742RR	1, 11	9-22	36	1	62.2	62.0	62.1
Mersch. Dallas RR	1, 11	9-23	42	4	62.1	66.7	64.4
UniSouth USG 7440nRR	2, 4	9-23	42	3	62.1	66.5	64.3
Schillinger 457.RCP	2	9-19	51	3	62.0	--	--
NK Brand S49-H7	None	9-26	46	2	61.5	76.1	68.8
Pioneer 94M31	2	9-15	36	4	61.4	58.4	59.9
Delta Grow 4860RR	2	9-22	39	3	61.4	68.8	65.1
Delta Grow 4975 LARR	2	9-26	48	3	61.4	--	--
Progeny 4507 RR	3, 8	9-18	39	4	61.3	--	--
Pioneer 94B73	2	9-21	45	2	61.2	59.3	60.3
Delta King DK4667	2, 9	9-22	41	5	61.1	61.5	61.3

TABLE 35. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Delta Pine DP 4546 RR	3, 4, 7	9-30	48	3	60.7	64.6	62.7
Asgrow AG4405	5	9-20	36	2	60.7	--	--
Delta King DK4567	2, 9	9-17	39	2	60.7	64.9	62.8
Delta Grow 4960RR	2	9-30	42	3	60.6	68.1	64.4
Morsoy RTS 4556N	2	9-22	39	4	60.6	--	--
Progeny 4949 RR	3, 8	9-23	45	4	60.2	68.5	64.4
Gateway 4R495	2	9-22	34	4	60.1	57.5	58.8
Pioneer 94M80	3, 4, 8	9-25	45	2	59.9	65.7	62.8
Asgrow AG4903	5	9-24	42	4	59.7	71.7	65.7
Progeny 4817 RR	3, 8	9-21	39	4	58.8	--	--
Delta Pine DP 4724 RR	3, 4, 7	9-24	42	3	58.7	66.3	62.5
Crow's C4815R	None	9-23	33	4	58.0	64.1	61.1
Schillinger 467.RCP	2	9-22	42	4	57.7	--	--
Delta King DK4763	2, 9	9-23	45	4	57.5	64.6	61.1
Mersch. Norfolk 741RR	1, 11	9-15	39	1	57.2	68.3	62.8
Dairyland 8450RR	5	9-21	36	1	56.8	69.2	63.0
Hornbeck HBK R4527	3, 8	9-23	45	3	55.7	--	--
Progeny 4804 RR	3, 8	9-22	36	3	55.7	60.2	58.0
Delta Grow 4660RR	2	9-21	45	4	55.4	60.9	58.2
Asgrow DKB46-51	5	9-22	39	4	53.7	--	--
Progeny 4206 RR	3, 8	9-13	39	1	53.5	62.6	58.1
Delta King DK4866	2, 9	9-22	42	5	50.9	71.1	61.0
GROUP 4 AVERAGE		9-23	42	3	65.4	66.2	65.8
L.S.D. AT .10					8.9	6.8	
C.V. %					9.7	7.2	
MATURITY GROUP 5							
Progeny 5207 RR	3, 8	9-30	42	3	77.0**	--	--
Armor 54-A5	--	10-10	37	3	76.0*	--	--
Dyna-Gro 33P54	2	10-09	33	1	75.8*	--	--
UniSouth USG Allen	2, 4	10-11	39	3	74.9*	75.7	75.3
Delta Grow 5270RR	2	9-24	45	2	74.5*	--	--
UniSouth USG 75J47	2, 4	10-10	33	1	73.6*	--	--
UniSouth USG 75J17	2, 4	10-02	42	2	73.3*	--	--
Progeny 5115 RR	3, 8	9-30	45	2	72.7*	66.6	69.6
Progeny 5507 RR	3, 8	10-04	33	1	72.2*	--	--
Gateway 5R501	2	10-02	41	4	71.6*	--	--
Dyna-Gro 32A53	2	10-03	39	4	71.2*	68.2	69.7
Mersch. Everest 755RR	1, 11	10-01	30	3	71.1*	--	--
Morsoy RT 5107N	2	9-26	40	3	70.6*	--	--
Delta Pine DP 5335 RR/S	3, 4, 7	10-10	51	1	70.5*	--	--
Progeny 5407 RR	3, 8	10-04	49	2	70.0*	--	--
MPride/MPV 5407nRR	NA	10-08	48	2	69.9*	73.9	71.9
Armor X5350	--	10-09	27	2	69.0*	--	--
Dyna-Gro 33C59	2	10-13	38	3	68.9*	--	--
UniSouth USG 7553nRS	2, 4	10-10	39	2	68.7*	77.4*	73.1
MPride/MPV 5505nRR/STS	NA	10-09	36	1	68.6*	75.8	72.2
Armor GP-533	--	10-08	35	3	68.5*	--	--
Delta Grow 5470RR/STS	2	10-09	43	2	68.0*	81.1*	74.6
Delta Grow 5160RR/STS	2	9-30	46	4	67.2*	66.8	67.0
Delta King DK5567	2, 9	10-10	35	3	67.1*	77.2*	72.1
MPride/MPV 5308nRR	NA	10-04	42	4	67.0	--	--
Morsoy RT 5407N	2	10-11	30	1	66.9	--	--
Southern Cross Damascus	2	10-01	42	4	66.7	74.6	70.6
Schillinger 557.RC	2	10-03	40	2	66.0	--	--

TABLE 35. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Dyna-Gro 36N57	2	10-09	33	3	65.6	74.6	70.1
Delta King DK5068	2, 9	9-30	42	4	65.2	67.5	66.4
Dyna-Gro 39F51	2	10-01	42	1	65.0	--	--
Morsoy RT 5506N	2	10-11	39	3	64.9	75.5	70.2
Dyna-Gro SX06856	2	10-09	39	4	64.9	--	--
Delta Pine DP 5115 RR/S	3, 4, 7	9-30	51	3	64.7	73.3	69.0
Dairyland 8509RR	5	9-26	40	4	64.7	73.8*	69.3
UniSouth USG 7515nRS	2, 4	10-01	45	4	64.4	70.3	67.4
Delta Grow 5570 RR	2	10-10	37	2	64.4	--	--
Delta King DK5366	2, 9	10-11	45	5	64.3	68.8	66.6
Morsoy RT 5307N	2	10-01	45	4	63.8	--	--
MPride/MPV EXP 55-7	NA	9-24	42	1	63.7	68.7	66.2
Dyna-Gro 33B52	2	10-11	40	4	63.6	70.4	67.0
Progeny 5650	3, 8	10-15	39	4	63.4	71.3	67.4
Delta King DKXTJ851	2, 9	9-22	36	3	62.9	--	--
Dyna-Gro 33X55	2	10-10	39	1	62.6	71.6	67.1
Delta King DK5066	2, 9	9-26	39	4	62.5	72.3	67.4
Mersch. Rushmore 750RR	1, 11	9-23	42	3	62.5	--	--
Hornbeck HBK R5226	3, 8	10-08	42	5	62.3	70.1	66.2
Delta King DK5368	2, 9	10-08	43	5	62.2	68.0	65.1
Dairyland 8512RR	5	10-02	48	2	62.1	77.3*	69.7
Armor 52-U2	--	9-30	39	3	61.5	--	--
Dyna-Gro 34J56	2	10-09	45	4	61.3	71.0	66.2
Asgrow AG5301	5	10-09	40	2	61.1	72.9	67.0
UniSouth USG 75J32	2, 4	10-12	33	1	60.7	--	--
Progeny 5307 RR	3, 8	10-09	45	4	60.7	--	--
Progeny 5107 RR	3, 8	10-01	42	3	60.7	--	--
Delta Pine DP 5634 RR	3, 4, 7	10-09	42	3	60.5	74.6	67.6
Pioneer 95M50	2	10-10	37	5	60.3	73.0	66.7
MPride/MPV 5408nRR	NA	10-03	41	5	60.1	--	--
Dyna-Gro 31R54	2	10-03	41	2	59.9	--	--
Croplan Genetics RC5007 S	4, 12	10-10	40	3	59.8	--	--
Pioneer 95M82	2	10-10	37	5	59.3	--	--
Mersch. Olympus 854RR	1, 11	10-08	42	5	59.2	--	--
Delta Grow 5300RR	2	10-01	37	3	58.9	77.6*	68.3
Delta King DK52K6	2, 9	10-12	36	3	58.8	73.6	66.2
FFR 5116	3	10-03	33	2	58.8	78.1*	68.5
Delta King DK55T6	2, 9	10-15	39	4	58.3	75.8	67.1
Hornbeck HBK R5525	3, 8	10-09	39	4	57.7	76.5	67.1
Hornbeck HBK RS5227	3, 8	10-03	45	3	57.0	--	--
Morsoy RT 5306N	2	10-10	36	4	55.3	71.8	63.6
FFR 5663	3	10-03	41	4	55.2	77.6*	66.4
Dyna-Gro 3583	2	10-14	40	4	53.2	75.2	64.2
Delta Grow 5630RR	2	10-12	40	4	51.5	66.8	59.2
Hornbeck HBK R5425	3, 8	NA	47	3	50.9	67.4	59.2
Delta King DK5161	2, 9	10-10	36	3	49.5	69.2	59.4
GROUP 5 AVERAGE		10-01	40	3	64.4	72.3	68.4
L.S.D. AT .10					9.9	7.2	
C.V. %					11.1	7.3	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 36. Glyphosate Resistant Soybean Test

Southeast Region: Morehouse, MO (New Madrid County)

Soil Type: Sharkey Clay Soil Test: pH=5.8, OM=2.2%, P=18, K=408

Cyst Nematode Population at Planting: 1330 Eggs/250cc of Soil

Rainfall: May=2.4, June=3.2, July=3.0, Aug.=0.0, Sept.=5.7 Total=14.3 in.

Irrigation: 10 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
MATURITY GROUP 3							
Asgrow AG3803	5	9-26	22	1	43.2**	--	--
Hornbeck HBK R3824	3, 8	9-22	27	1	38.7	55.4*	47.1
Croplan Genetics RC3935	4, 12	9-18	30	1	38.2	--	--
Dairyland 8396RR	5	9-21	24	1	38.1	--	--
Progeny 3900 RR	3, 8	9-20	24	1	34.8	56.4*	45.6
GROUP 3 AVERAGE		9-20	25	1	38.6	52.5	45.6
L.S.D. AT .10					3.6	3.9	
C.V. %					7.5	6.2	
MATURITY GROUP 4							
NK Brand S46-U6	None	10-03	30	1	52.3**	68.4*	60.4
Schillinger 457.RCP	2	9-26	27	1	49.3*	--	--
Southern Cross Galilee	2	10-03	27	1	48.9*	--	--
JGL EXP JG49	2	10-02	30	1	48.1*	--	--
Mersch. Nashville 749RR	1, 11	10-03	24	1	48.0*	--	--
Delta King DK4968	2, 9	9-27	24	1	47.5*	58.1	52.8
Morsoy RT 4707N	2	10-02	30	1	47.5*	--	--
Asgrow AG4903	5	9-30	24	1	47.3*	57.8	52.6
Schillinger 495.RC	2	10-01	24	1	47.2*	54.9	51.1
Mersch. Norfolk 741RR	1, 11	9-25	16	1	46.7	62.6*	54.7
Stine 5202-4	None	10-03	32	1	46.6	--	--
Southern Cross Hiram	2	10-03	27	1	46.0	--	--
UniSouth USG 7466nRR	2, 4	9-25	32	1	45.8	58.2	52.0
Progeny 4807 RR	3, 8	10-03	25	1	45.7	--	--
UniSouth USG 7494nRR	2, 4	9-26	27	1	45.7	--	--
Dyna-Gro 38X47	2	9-25	24	1	45.5	--	--
Dairyland 8474RR	5	9-29	26	1	45.4	--	--
Progeny 4804 RR	3, 8	10-02	27	1	45.4	52.5	49.0
Morsoy RT 4914N	2	10-01	27	1	45.4	55.3	50.4
Delta Grow 4780RR	2	10-01	27	1	45.3	--	--
Hornbeck HBK R4527	3, 8	9-21	20	1	45.2	--	--
Delta Pine DP 4546 RR	3, 4, 7	9-22	27	1	45.1	49.0	47.1
Hornbeck HBK R4727	3, 8	10-03	30	1	44.4	--	--
Hornbeck HBK R4924	3, 8	9-26	30	1	44.0	47.8	45.9
Mersch. Houston 747RR	1, 11	9-30	20	1	44.0	61.0	52.5
FFR 4767	3	10-03	30	1	43.9	--	--
Mersch. Rocky RR	1, 11	9-29	29	1	43.8	54.6	49.2
Armor 49-V6	NA	9-26	24	1	43.8	56.4	50.1
Progeny 4949 RR	3, 8	9-27	30	1	43.6	62.3*	53.0
Delta Pine DP 4919 RR/S	3, 4, 7	9-25	30	1	43.5	54.1	48.8
Delta King DK4667	2, 9	9-26	24	1	43.4	54.7	49.1
Progeny 4606 RR	3, 8	9-30	24	1	43.3	64.6*	54.0
MPride/MPV 4707nRR/STS	NA	9-30	30	1	43.2	--	--
MPride/MPV 4406nRR	NA	9-23	27	1	43.1	52.4	47.8
Southern Cross Eli	2	10-03	16	1	43.0	--	--

TABLE 36. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Gateway 4R495	2	9-26	24	1	42.9	57.8	50.4
Delta Pine 07-4950 RR	3, 4, 7	10-02	31	1	42.8	--	--
Delta Pine DP 4888 RR/S	3, 4, 7	9-22	27	1	42.7	54.3	48.5
Mersch. Richmond 649RR	1, 11	10-03	31	1	42.6	59.6	51.1
Asgrow AG4703	5	9-23	14	1	42.6	59.3	51.0
FFR 4886	3	9-29	24	1	42.5	48.9	45.7
Morsoy RTS 4706N	2	9-30	16	1	42.4	68.4*	55.4
Gateway 4RS477	2	9-30	24	1	42.4	--	--
Armor X4560	NA	9-22	24	1	42.3	--	--
Progeny 4906 RR	3, 8	9-23	24	1	42.3	57.8	50.1
Asgrow DKB46-51	5	9-21	27	1	42.0	--	--
Asgrow AG4605	5	10-02	18	1	41.8	--	--
Morsoy RTS 4955N	2	9-30	30	1	41.6	53.3	47.5
Dyna-Gro 35Z49	2	10-01	31	1	41.5	43.7	42.6
Delta Grow 4660RR	2	9-26	27	1	41.4	53.5	47.5
Progeny 4507 RR	3, 8	9-26	22	1	41.4	--	--
Armor 47-F8	NA	10-01	24	1	41.1	--	--
Delta Grow 4840RR	2	9-26	24	1	41.0	55.9	48.5
Morsoy RT 4485N	2	9-22	24	1	40.9	52.7	46.8
Dyna-Gro 37P49	2	9-20	24	1	40.9	56.7	48.8
Schillinger 467.RCP	2	9-26	24	1	40.6	--	--
Delta Grow 4970RR	2	9-27	27	1	40.6	54.4	47.5
UniSouth USG 74A27	2, 4	9-21	24	1	40.6	--	--
UniSouth USG 7495nRS	2, 4	9-30	27	1	40.6	54.5	47.6
NK Brand S49-Q9	None	9-30	28	1	40.4	55.6	48.0
MPride/MPV 4808nRR/STS	NA	9-21	32	1	40.2	--	--
Delta Grow 4960RR	2	9-23	27	1	40.2	52.5	46.4
Morsoy RT 4806N	2	9-21	24	1	40.1	69.6**	54.9
NK Brand S49-H7	None	9-28	24	1	40.0	55.0	47.5
NK Brand S45-E5	None	9-22	24	1	40.0	--	--
Dyna-Gro 33Y45	2	9-30	18	1	40.0	--	--
Delta King DKXTJ847	2, 9	9-29	18	1	39.9	--	--
Delta Grow 4470RR/STS	2	9-23	18	1	39.9	--	--
Delta Pine DPX 4334 RR	3, 4, 7	9-22	26	1	39.9	--	--
Croplan Genetics RC4955	4, 12	10-02	32	1	39.7	54.7	47.2
UniSouth USG 74F78	2, 4	9-23	27	1	39.7	--	--
Mersch. Dallas RR	1, 11	9-21	22	1	39.5	62.2*	50.9
Trisoy 4760RR(CN)	None	9-30	22	1	39.4	--	--
Delta Grow 4770RR	2	9-21	27	1	39.0	60.0	49.5
Delta King DK4866	2, 9	10-01	24	1	38.6	51.3	45.0
MPride/MPV 4907nRR/STS	NA	9-26	24	1	38.5	--	--
Stine 4782-4	None	10-01	16	1	38.3	60.1	49.2
Delta Grow 4975 LARR	2	9-22	24	1	38.2	--	--
FFR 4526	3	9-22	20	1	38.1	--	--
Delta King DKXTJ848	2, 9	9-24	24	1	38.1	--	--
Dairyland 8450RR	5	9-23	18	1	38.0	50.0	44.0
Mersch. Austin 643RR	1, 11	9-22	25	1	38.0	59.3	48.7
Dyna-Gro 37A44	2	9-22	20	1	37.9	59.3	48.6
Pioneer 94M30	3, 4, 8	9-22	24	1	37.9	59.5	48.7
Dyna-Gro 36Y48	2	9-30	20	1	37.8	57.0	47.4
Delta King DK4763	2, 9	9-23	24	1	37.6	55.8	46.7
Progeny 4817 RR	3, 8	9-30	27	1	37.5	--	--
Morsoy RTS 4556N	2	10-02	18	1	37.4	--	--
Croplan Genetics RC4455	4, 12	9-23	24	1	37.1	46.4	41.8
Pioneer 94M80	3, 4, 8	9-20	30	1	37.0	54.5	45.8

TABLE 36. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Delta King DK4967	2, 9	9-24	18	1	36.9	59.9	48.4
Delta Grow 4460RR	2	9-22	16	1	36.9	53.0	45.0
Crow's C4815R	None	9-21	22	1	36.8	54.5	45.7
Delta Pine DP 4724 RR	3, 4, 7	9-22	24	1	36.7	58.8	47.8
Delta King DK4567	2, 9	9-25	20	1	36.7	54.8	45.8
Delta Pine DP 4450 RR	3, 4, 7	9-22	20	1	36.5	--	--
Pioneer 94M31	2	9-22	20	1	36.4	51.4	43.9
Mersch. Memphis 642RR	1, 11	9-21	30	1	36.3	54.2	45.3
Dyna-Gro 32R46	2	9-30	14	1	36.1	--	--
Delta Grow 4860RR	2	9-21	24	1	36.0	56.5	46.3
Mersch. Denver 742RR	1, 11	9-21	24	1	35.9	56.2	46.1
Dairyland 8482RR	5	10-01	16	1	35.8	--	--
Southern Cross Caleb	2	9-24	18	1	35.4	--	--
UniSouth USG 7440nRR	2, 4	9-22	24	1	34.1	57.2	45.7
Crow's C4717R	None	9-23	28	1	34.1	--	--
Progeny 4706 RR	3, 8	9-22	24	1	34.1	57.3	45.7
Asgrow AG4405	5	9-21	22	1	34.1	--	--
Trisoy 4227RR(CN)	None	9-19	16	1	33.6	--	--
Delta Grow 4150RR	2	9-22	14	1	33.0	49.6	41.3
Dyna-Gro 35D44	2	9-22	24	1	31.7	--	--
Pioneer 94B73	2	9-22	24	1	31.7	56.3	44.0
Progeny 4206 RR	3, 8	9-22	20	1	31.7	62.2*	47.0
GROUP 4 AVERAGE		9-25	24	1	40.8	56.0	48.4
L.S.D. AT .10					5.4	8.4	
C.V. %					9.4	11.2	

MATURITY GROUP 5

Dyna-Gro 33C59	2	10-11	27	1	68.4**	--	--
Dyna-Gro 36N57	2	10-16	24	1	62.7*	58.5*	60.6
Dyna-Gro 3583	2	10-11	30	1	59.7	50.7	55.2
Delta King DK55T6	2, 9	10-11	27	1	57.7	54.3	56.0
Hornbeck HBK R5425	3, 8	10-16	27	1	57.4	60.0*	58.7
Dyna-Gro 33X55	2	10-09	27	1	55.8	60.7*	58.3
FFR 5663	3	9-30	24	1	55.8	61.2*	58.5
MPride/MPV 5408nRR	NA	10-03	30	2	55.1	--	--
Pioneer 95M50	2	10-10	27	1	54.8	57.8*	56.3
Mersch. Olympus 854RR	1, 11	10-04	24	1	54.6	--	--
Schillinger 557.RC	2	10-10	24	1	54.6	--	--
Hornbeck HBK R5226	3, 8	10-09	27	1	54.4	53.3	53.9
Delta Grow 5630RR	2	10-03	27	1	54.3	57.5	55.9
Delta Pine DP 5634 RR	3, 4, 7	10-09	27	1	53.8	54.7	54.3
Asgrow AG5301	5	10-05	27	1	53.7	59.2*	56.5
Pioneer 95M82	2	10-10	24	1	52.8	--	--
Delta King DK5368	2, 9	10-10	25	1	52.7	50.4	51.6
Delta King DK52K6	2, 9	10-09	27	1	52.3	64.9**	58.6
Dyna-Gro 32A53	2	9-30	24	1	52.3	57.8*	55.1
Armor 54-A5	NA	10-09	23	1	51.7	--	--
UniSouth USG Allen	2, 4	10-12	26	1	51.5	58.9*	55.2
Delta King DK5366	2, 9	10-11	30	1	51.4	43.1	47.3
MPride/MPV 5505nRR/STS	NA	10-02	18	1	51.4	61.3*	56.4
UniSouth USG 75J32	2, 4	10-09	22	1	51.0	--	--
Delta King DK5567	2, 9	10-09	24	1	50.6	52.1	51.4
Dyna-Gro 34J56	2	10-09	30	2	49.7	46.8	48.3
Morsoy RT 5306N	2	10-01	27	1	49.6	50.2	49.9
Delta King DK5161	2, 9	10-04	25	2	49.5	50.2	49.9

TABLE 36. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Progeny 5650	3, 8	10-17	30	2	48.8	52.3	50.6
Morsoy RT 5107N	2	10-01	24	1	48.8	--	--
Armor GP-533	NA	10-04	20	1	48.7	--	--
UniSouth USG 7553nRS	2, 4	10-14	27	1	48.7	60.3*	54.5
Croplan Genetics RC5007 S	4, 12	10-03	24	1	48.6	--	--
Dyna-Gro 33B52	2	10-05	27	1	48.4	54.6	51.5
Armor X5350	NA	10-04	24	1	48.3	--	--
Mersch. Everest 755RR	1, 11	10-10	22	1	48.0	--	--
Progeny 5507 RR	3, 8	10-09	14	1	47.7	--	--
MPride/MPV 5407nRR	NA	10-04	24	1	47.6	49.3	48.5
Delta Grow 5270RR	2	10-01	27	1	47.6	--	--
Hornbeck HBK R5525	3, 8	10-09	24	1	47.4	54.8	51.1
Delta Pine DP 5115 RR/S	3, 4, 7	9-27	30	1	47.3	54.4	50.9
Morsoy RT 5506N	2	10-01	24	1	46.9	51.3	49.1
Dairyland 8512RR	5	10-05	29	1	46.7	54.3	50.5
UniSouth USG 75J47	2, 4	10-09	15	1	46.4	--	--
Delta Grow 5570 RR	2	10-10	14	1	46.3	--	--
Dyna-Gro 39F51	2	10-01	32	1	46.3	--	--
Progeny 5407 RR	3, 8	10-03	27	1	46.0	--	--
UniSouth USG 75J17	2, 4	10-02	24	1	45.8	--	--
Delta Pine DP 5335 RR/S	3, 4, 7	9-23	30	1	45.1	--	--
Dyna-Gro 31R54	2	10-09	15	1	45.1	--	--
Gateway 5R501	2	9-30	27	2	45.1	--	--
Armor 52-U2	NA	10-01	27	1	44.9	--	--
Delta Grow 5470RR/STS	2	10-02	27	1	44.6	54.1	49.4
MPride/MPV 5308nRR	NA	9-30	27	1	44.4	--	--
Progeny 5115 RR	3, 8	10-05	27	1	44.4	64.1*	54.3
Delta Grow 5300RR	2	10-15	24	1	44.3	57.4	50.9
Morsoy RT 5407N	2	10-15	20	1	44.2	--	--
Dyna-Gro 33P54	2	10-14	22	1	44.1	--	--
Mersch. Rushmore 750RR	1, 11	10-04	24	1	44.1	--	--
Delta King DKXTJ851	2, 9	9-30	26	1	43.8	--	--
Dairyland 8509RR	5	9-30	30	1	43.8	57.6	50.7
Delta King DK5068	2, 9	9-27	24	1	43.7	59.8	51.8
FFR 5116	3	10-03	15	1	43.4	58.4*	50.9
Progeny 5107 RR	3, 8	9-30	27	1	43.1	--	--
Hornbeck HBK RS5227	3, 8	10-03	20	1	43.1	--	--
Progeny 5207 RR	3, 8	10-01	20	1	42.7	--	--
Dyna-Gro SX06856	2	10-01	22	1	42.1	--	--
Morsoy RT 5307N	2	10-01	24	1	41.6	--	--
Delta Grow 5160RR/STS	2	9-24	2	1	40.9	56.8	48.9
Progeny 5307 RR	3, 8	9-27	27	1	40.6	--	--
Southern Cross Damascus	2	9-24	20	2	39.6	58.8*	49.2
UniSouth USG 7515nRS	2, 4	9-24	27	2	37.4	60.0*	48.7
Delta King DK5066	2, 9	9-26	20	1	35.3	56.9	46.1
MPride/MPV EXP 55-7	NA	9-26	24	1	34.7	60.7*	47.7
GROUP 5 AVERAGE		10-04	24	1	48.3	55.4	51.9
L.S.D. AT .10					6.0	7.2	
C.V. %					8.8	9.6	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 37. Glyphosate Resistant Soybean Test

Southeast Region: Portageville (Loam), MO (Pemiscot County)

Soil Type: Tiptonville Silt Loam Soil Test: pH=6.0, OM=2.5%, P=92, K=308

Cyst Nematode Population at Planting: 2320 Eggs/250cc of Soil

Rainfall: May=2.7, June=1.4, July=3.1, Aug.=0.6, Sept.=8.9 Total=16.7 in.

Irrigation: 8 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
MATURITY GROUP 3							
Asgrow AG3803	5	9-02	30	2	36.5**	--	--
Hornbeck HBK R3824	3, 8	9-07	5	2	30.8	57.9	44.4
Dairyland 8396RR	5	9-02	36	3	29.8	--	--
Croplan Genetics RC3935	4, 12	9-01	37	3	29.1	--	--
Progeny 3900 RR	3, 8	9-02	32	1	28.2	58.3	43.3
GROUP 3 AVERAGE		9-02	28	2	30.9	61.1	46.0
L.S.D. AT .10					3.8	4.6	
C.V. %					9.7	6.3	
MATURITY GROUP 4							
Delta Grow 4975 LARR	2	9-22	45	3	54.3**	--	--
Delta Grow 4470RR/STS	2	9-16	30	1	52.4*	--	--
Delta Grow 4960RR	2	9-22	28	1	51.9*	62.7*	57.3
FFR 4767	3	9-25	45	3	50.8*	--	--
Delta Pine DP 4888 RR/S	3, 4, 7	9-19	42	2	50.5*	60.1	55.3
Pioneer 94B73	2	9-19	43	2	50.0*	61.4	55.7
Morsoy RT 4914N	2	9-25	38	2	49.4*	60.2	54.8
Southern Cross Caleb	2	9-12	32	2	48.0*	--	--
Progeny 4807 RR	3, 8	9-15	37	2	47.8*	--	--
UniSouth USG 7440nRR	2, 4	9-09	36	1	47.8*	61.1	54.5
Progeny 4949 RR	3, 8	9-24	42	2	47.6*	55.5	51.6
Dyna-Gro 37P49	2	9-23	43	2	47.4*	58.5	53.0
Delta Pine DPX 4334 RR	3, 4, 7	9-03	39	2	47.1*	--	--
Delta King DKXTJ847	2, 9	9-19	36	2	47.0*	--	--
NK Brand S49-Q9	None	9-23	45	2	46.4	58.3	52.4
Mersch. Austin 643RR	1, 11	9-21	30	1	46.4	61.4	53.9
Delta King DK4763	2, 9	9-09	36	2	46.3	55.7	51.0
Dyna-Gro 36Y48	2	9-23	36	2	46.3	57.6	52.0
UniSouth USG 7495nRS	2, 4	9-23	42	3	46.3	58.2	52.3
Dairyland 8482RR	5	9-23	45	3	46.2	--	--
NK Brand S46-U6	None	9-19	42	2	46.2	59.5	52.9
Asgrow AG4703	5	9-12	33	2	46.2	58.6	52.4
Delta King DK4968	2, 9	9-24	37	2	46.2	51.2	48.7
Asgrow AG4903	5	9-22	36	2	46.2	63.2*	54.7
Delta Grow 4860RR	2	9-13	36	2	46.1	56.3	51.2
MPride/MPV 4406nRR	NA	9-12	39	2	46.0	62.6*	54.3
UniSouth USG 74A27	2, 4	9-10	32	1	46.0	--	--
UniSouth USG 7494nRR	2, 4	9-21	38	2	45.6	--	--
Mersch. Rocky RR	1, 11	9-21	39	2	45.6	61.5	53.6
Dyna-Gro 33Y45	2	9-16	34	3	45.0	--	--
Mersch. Dallas RR	1, 11	9-18	39	2	44.9	58.5	51.7
Delta Pine 07-4950 RR	3, 4, 7	9-25	45	2	44.9	--	--
Gateway 4R495	2	9-14	36	2	44.9	58.1	51.5
Delta Grow 4770RR	2	9-17	42	3	44.9	57.9	51.4
Asgrow AG4605	5	9-13	33	2	44.9	--	--

TABLE 37. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Morsoy RT 4485N	2	9-12	42	2	44.8	65.2*	55.0
Delta Pine DP 4450 RR	3, 4, 7	9-08	39	2	44.7	--	--
Delta Grow 4840RR	2	9-02	34	2	44.7	60.3	52.5
Progeny 4507 RR	3, 8	9-15	35	2	44.7	--	--
Delta Pine DP 4919 RR/S	3, 4, 7	9-24	48	3	44.6	61.5	53.1
Dyna-Gro 32R46	2	9-20	40	1	44.6	--	--
NK Brand S49-H7	None	9-24	38	3	44.6	60.0	52.3
Armor 47-F8	--	9-22	28	1	44.3	--	--
Croplan Genetics RC4455	4, 12	9-14	39	2	44.0	63.1*	53.6
Progeny 4906 RR	3, 8	9-21	39	2	43.9	64.1*	54.0
MPride/MPV 4707nRR/STS	NA	9-22	33	1	43.8	--	--
JGL EXP JG49	2	9-25	46	2	43.7	--	--
Morsoy RTS 4706N	2	9-22	33	1	43.6	66.9*	55.3
Trisoy 4760RR(CN)	None	9-21	27	1	43.5	--	--
Mersch. Denver 742RR	1, 11	9-03	33	1	43.5	61.7	52.6
Delta Grow 4780RR	2	9-23	40	2	43.4	--	--
Pioneer 94M80	3, 4, 8	9-15	42	2	43.2	56.0	49.6
Armor 49-V6	--	9-24	42	2	43.2	56.8	50.0
Morsoy RTS 4556N	2	9-13	38	2	43.2	--	--
Croplan Genetics RC4955	4, 12	9-26	47	3	43.1	58.5	50.8
Pioneer 94M30	3, 4, 8	9-09	33	1	43.0	62.0	52.5
Delta Pine DP 4724 RR	3, 4, 7	9-14	37	2	42.9	51.8	47.4
Mersch. Memphis 642RR	1, 11	9-08	44	2	42.9	59.8	51.4
Progeny 4706 RR	3, 8	9-03	33	2	42.8	67.0*	54.9
Delta Grow 4150RR	2	9-13	33	1	42.8	55.4	49.1
Delta King DKXTJ848	2, 9	9-07	42	2	42.7	--	--
Delta King DK4866	2, 9	9-20	39	2	42.6	58.6	50.6
Stine 4782-4	None	9-22	30	1	42.6	60.7	51.7
UniSouth USG 74F78	2, 4	9-14	36	2	42.5	--	--
Southern Cross Hiram	2	9-25	33	2	42.4	--	--
Morsoy RTS 4955N	2	9-22	39	2	42.3	63.4*	52.9
Hornbeck HBK R4924	3, 8	9-23	45	2	42.1	67.3*	54.7
Progeny 4804 RR	3, 8	9-21	35	2	41.8	62.2	52.0
Gateway 4RS477	2	9-22	33	1	41.7	--	--
Delta Pine DP 4546 RR	3, 4, 7	9-19	42	3	41.5	55.4	48.5
Delta Grow 4660RR	2	9-18	40	2	41.5	59.7	50.6
FFR 4526	3	9-12	33	2	41.3	--	--
Dairyland 8474RR	5	9-24	33	2	41.3	--	--
MPride/MPV 4808nRR/STS	NA	9-22	42	2	41.2	--	--
Morsoy RT 4806N	2	9-03	33	2	41.0	61.1	51.1
Mersch. Richmond 649RR	1, 11	9-26	45	2	40.9	60.7	50.8
Hornbeck HBK R4527	3, 8	9-15	36	2	40.9	--	--
FFR 4886	3	9-23	42	3	40.8	60.5	50.7
Mersch. Nashville 749RR	1, 11	9-23	30	1	40.7	--	--
Dyna-Gro 38X47	2	9-19	33	2	40.6	--	--
Armor X4560	--	9-22	36	2	40.6	--	--
Crow's C4717R	None	9-09	36	2	40.6	--	--
Delta King DK4667	2, 9	9-12	39	3	40.5	56.0	48.3
Asgrow AG4405	5	9-08	39	2	40.3	--	--
Asgrow DKB46-51	5	9-06	30	2	40.0	--	--
Dyna-Gro 35Z49	2	9-23	42	3	39.9	51.4	45.7
Delta Grow 4460RR	2	9-09	45	2	39.8	58.2	49.0
Hornbeck HBK R4727	3, 8	9-19	43	2	39.6	--	--
Delta King DK4967	2, 9	9-16	33	2	39.6	52.4	46.0
Southern Cross Eli	2	9-22	30	1	39.5	--	--

TABLE 37. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Trisoy 4227RR(CN)	None	9-06	24	1	39.4	--	--
Delta Grow 4970RR	2	9-24	44	2	38.9	55.5	47.2
NK Brand S45-E5	None	9-08	40	2	38.6	--	--
UniSouth USG 7466nRR	2, 4	9-15	36	3	38.6	55.1	46.9
Pioneer 94M31	2	9-02	33	2	38.6	57.9	48.3
Schillinger 457.RCP	2	9-02	42	2	38.2	--	--
Mersch. Norfolk 741RR	1, 11	9-07	30	1	38.2	69.0**	53.6
Dyna-Gro 35D44	2	9-08	36	2	38.2	--	--
Progeny 4606 RR	3, 8	9-21	30	1	38.1	63.7*	50.9
Southern Cross Galilee	2	9-12	39	2	38.1	--	--
Mersch. Houston 747RR	1, 11	9-19	30	1	38.0	64.4*	51.2
Schillinger 467.RCP	2	9-22	35	1	37.5	--	--
Dairyland 8450RR	5	9-15	30	2	37.5	56.5	47.0
Delta King DK4567	2, 9	9-12	33	1	37.0	60.2	48.6
Dyna-Gro 37A44	2	9-19	42	3	36.5	65.5*	51.0
Stine 5202-4	None	9-24	36	1	36.0	--	--
Progeny 4817 RR	3, 8	9-24	36	3	35.6	--	--
Progeny 4206 RR	3, 8	9-02	33	1	35.3	65.2*	50.3
Crow's C4815R	None	9-13	33	1	34.3	61.7	48.0
MPride/MPV 4907nRR/STS	NA	9-22	36	2	34.3	--	--
Schillinger 495.RC	2	9-23	39	3	34.1	51.3	42.7
Morsoy RT 4707N	2	9-19	33	2	27.9	--	--
GROUP 4 AVERAGE		9-16	37	2	42.8	58.8	50.8
L.S.D. AT .10					7.4	6.4	
C.V. %					12.2	7.7	

MATURITY GROUP 5

Progeny 5650	3, 8	10-17	31	1	59.6**	52.7	56.2
Dyna-Gro 33C59	2	10-03	36	1	58.1*	--	--
Armor 54-A5	--	10-06	24	1	57.0*	--	--
Mersch. Rushmore 750RR	1, 11	9-21	36	2	56.6*	--	--
Delta Pine DP 5634 RR	3, 4, 7	10-06	39	2	55.2*	52.7	54.0
Dyna-Gro 3583	2	10-17	33	1	54.9*	55.6	55.3
Hornbeck HBK R5226	3, 8	9-28	36	2	54.8*	50.9	52.9
Morsoy RT 5506N	2	10-01	27	1	54.6*	57.8	56.2
Dyna-Gro 33B52	2	10-01	27	2	54.5*	51.3	52.9
MPride/MPV 5308nRR	NA	9-26	33	2	54.3*	--	--
Delta Grow 5160RR/STS	2	9-22	39	3	54.2*	64.2*	59.2
Delta Grow 5570 RR	2	10-05	30	1	53.3*	--	--
FFR 5663	3	9-29	31	2	53.3*	51.0	52.2
Croplan Genetics RC5007 S	4, 12	10-01	36	2	53.2*	--	--
Pioneer 95M82	2	10-06	36	1	53.1*	--	--
Delta Pine DP 5335 RR/S	3, 4, 7	9-26	39	2	53.0*	--	--
Armor X5350	--	10-01	22	1	52.9*	--	--
Delta King DK55T6	2, 9	10-08	33	2	52.6*	57.8	55.2
Dyna-Gro 32A53	2	9-26	33	3	52.1	53.1	52.6
Dyna-Gro 33X55	2	10-03	30	1	51.9	55.8	53.9
Armor GP-533	--	10-03	30	1	51.9	--	--
Hornbeck HBK R5425	3, 8	10-17	39	2	51.6	55.4	53.5
UniSouth USG 75J32	2, 4	10-07	33	1	51.0	--	--
Delta King DK5068	2, 9	9-24	36	2	50.8	60.7	55.8
Delta King DK5366	2, 9	10-07	34	2	50.6	47.6	49.1
MPride/MPV 5408nRR	NA	9-28	30	1	50.5	--	--
MPride/MPV 5505nRR/STS	NA	9-26	27	1	50.3	49.1	49.7
Dyna-Gro SX06856	2	9-29	30	2	50.1	--	--

TABLE 37. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Dyna-Gro 36N57	2	10-03	27	1	50.1	48.6	49.4
FFR 5116	3	9-26	30	2	49.3	57.6	53.5
Delta King DK5368	2, 9	9-26	27	1	49.1	54.2	51.7
MPride/MPV 5407nRR	NA	9-25	39	2	47.8	51.7	49.8
Delta King DK52K6	2, 9	10-01	36	2	47.8	48.5	48.2
UniSouth USG Allen	2, 4	10-07	30	1	47.8	52.6	50.2
Hornbeck HBK R5525	3, 8	10-04	30	2	47.3	48.7	48.0
Dyna-Gro 34J56	2	9-30	39	2	47.2	51.6	49.4
Delta Grow 5630RR	2	10-16	33	2	46.9	48.3	47.6
Mersch. Olympus 854RR	1, 11	9-25	30	1	46.7	--	--
Progeny 5115 RR	3, 8	9-25	39	2	46.4	59.1	52.8
Delta Grow 5300RR	2	9-26	30	1	46.3	60.4*	53.4
Delta King DK5161	2, 9	9-23	27	2	46.1	52.3	49.2
Southern Cross Damascus	2	9-22	36	3	45.8	54.7	50.3
Dairyland 8512RR	5	9-26	42	1	45.7	52.3	49.0
Progeny 5407 RR	3, 8	9-25	42	2	45.6	--	--
UniSouth USG 75J17	2, 4	9-22	36	3	45.5	--	--
UniSouth USG 7515nRS	2, 4	9-24	36	3	45.5	60.4*	53.0
Pioneer 95M50	2	9-26	31	1	45.3	52.6	49.0
Schillinger 557.RC	2	9-26	33	1	45.3	--	--
Delta King DK5066	2, 9	9-26	38	3	45.2	56.0	50.6
UniSouth USG 7553nRS	2, 4	10-03	33	1	45.2	50.7	48.0
Mersch. Everest 755RR	1, 11	10-08	30	1	45.1	--	--
MPride/MPV EXP 55-7	NA	9-22	39	2	45.0	54.8	49.9
Dyna-Gro 31R54	2	10-06	30	1	45.0	--	--
Morsoy RT 5306N	2	10-02	36	1	44.6	53.4	49.0
Delta King DK5567	2, 9	10-07	27	1	44.5	51.9	48.2
Delta Grow 5470RR/STS	2	9-24	39	2	44.0	49.3	46.7
Delta King DKXTJ851	2, 9	10-01	33	2	44.0	--	--
Delta Pine DP 5115 RR/S	3, 4, 7	9-23	42	2	43.9	52.5	48.2
Progeny 5307 RR	3, 8	9-23	39	3	43.7	--	--
Gateway 5R501	2	9-23	42	3	43.0	--	--
Hornbeck HBK RS5227	3, 8	9-26	33	1	42.0	--	--
Dyna-Gro 33P54	2	10-08	30	1	41.1	--	--
Armor 52-U2	--	9-24	30	1	40.5	--	--
Progeny 5207 RR	3, 8	9-24	39	2	39.9	--	--
Asgrow AG5301	5	9-26	36	1	39.4	55.1	47.3
Progeny 5507 RR	3, 8	10-02	23	1	37.7	--	--
Dyna-Gro 39F51	2	9-22	33	1	37.3	--	--
Morsoy RT 5307N	2	9-21	36	3	36.9	--	--
Delta Grow 5270RR	2	9-25	36	2	36.2	--	--
UniSouth USG 75J47	2, 4	10-03	28	1	35.8	--	--
Progeny 5107 RR	3, 8	9-25	36	2	33.1	--	--
Dairyland 8509RR	5	9-21	36	3	28.3	56.0	42.2
Morsoy RT 5107N	2	9-21	33	2	26.0	--	--
Morsoy RT 5407N	2	10-01	27	1	22.0	--	--
GROUP 5 AVERAGE		9-28	33	2	46.8	53.9	50.4
L.S.D. AT .10					7.2	5.5	
C.V. %					11.6	7.3	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 38. Glyphosate Resistant Soybean Test

Southeast Region: Portageville (Clay), MO (Pemiscot County)

Soil Type: Portageville Clay Soil Test: pH=6.5, OM=1.7%, P=54, K=476

Cyst Nematode Population at Planting: 665 Eggs/250cc of Soil

Rainfall: May=2.7, June=1.4, July=3.1, Aug.=0.6, Sept.=8.9 Total=16.7 in.

Irrigation: 7 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
MATURITY GROUP 3							
Asgrow AG3803	5	9-09	35	1	63.7**	--	--
Dairyland 8396RR	5	9-09	36	1	60.0*	--	--
Progeny 3900 RR	3, 8	9-08	36	2	54.8	52.0*	53.4
Croplan Genetics RC3935	4, 12	9-07	38	2	54.7	--	--
Hornbeck HBK R3824	3, 8	9-14	39	2	53.6	47.6	50.6
GROUP 3 AVERAGE		9-08	37	2	57.4	48.6	53.0
L.S.D. AT .10					6.0	3.4	
C.V. %					8.2	5.8	
MATURITY GROUP 4							
Delta Pine DP 4888 RR/S	3, 4, 7	9-22	36	2	66.3**	51.9	59.1
Mersch. Nashville 749RR	1, 11	9-22	33	1	66.1*	--	--
Armor X4560	NA	9-22	36	2	65.6*	--	--
Southern Cross Galilee	2	9-21	32	2	64.5*	--	--
Asgrow AG4605	5	9-22	33	1	64.5*	--	--
Progeny 4507 RR	3, 8	9-19	30	1	64.1*	--	--
Delta King DKXTJ848	2, 9	9-21	37	2	63.1*	--	--
Dyna-Gro 33Y45	2	9-22	30	1	63.1*	--	--
Delta Pine DP 4919 RR/S	3, 4, 7	9-22	39	2	62.9*	49.9	56.4
Stine 5202-4	None	9-25	35	1	62.7*	--	--
Delta Pine DP 4724 RR	3, 4, 7	9-19	33	3	62.0*	45.3	53.7
MPride/MPV 4907nRR/STS	NA	9-26	33	2	61.3*	--	--
UniSouth USG 7495nRS	2, 4	9-21	33	2	61.1*	51.3	56.2
Dairyland 8474RR	5	9-25	31	2	61.0*	--	--
Delta Grow 4860RR	2	9-21	28	2	60.9*	43.9	52.4
Delta Pine DPX 4334 RR	3, 4, 7	9-17	39	2	60.9*	--	--
Dyna-Gro 37P49	2	9-22	27	2	60.8	55.4	58.1
Schillinger 495.RC	2	9-25	36	3	60.8	50.2	55.5
Morsoy RTS 4955N	2	9-25	36	3	60.3	51.4	55.9
Progeny 4949 RR	3, 8	9-26	33	2	60.3	52.0	56.2
Southern Cross Caleb	2	9-16	24	1	60.2	--	--
FFR 4886	3	9-26	31	2	60.0	51.5	55.8
NK Brand S49-Q9	None	9-29	30	1	59.7	45.2	52.5
Dairyland 8482RR	5	9-22	32	2	59.7	--	--
Delta Grow 4960RR	2	9-24	30	2	59.4	45.9	52.7
Delta Grow 4975 LARR	2	9-25	33	2	59.2	--	--
Delta Pine DP 4546 RR	3, 4, 7	9-19	36	2	59.1	45.3	52.2
Progeny 4906 RR	3, 8	9-23	33	2	59.0	53.3	56.2
NK Brand S46-U6	None	9-19	30	2	58.8	59.6*	59.2
Delta Grow 4780RR	2	9-24	33	2	58.7	--	--
Progeny 4807 RR	3, 8	9-21	36	2	58.6	--	--
Mersch. Rocky RR	1, 11	9-23	27	3	58.5	50.7	54.6
FFR 4767	3	9-14	30	2	58.5	--	--
Delta Grow 4470RR/STS	2	9-19	30	1	58.4	--	--
Delta King DK4866	2, 9	9-23	30	2	58.4	51.6	55.0

TABLE 38. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Mersch. Dallas RR	1, 11	9-19	36	2	58.3	49.6	54.0
Mersch. Norfolk 741RR	1, 11	9-17	27	1	57.9	60.4*	59.2
Pioneer 94B73	2	9-17	33	2	57.7	48.4	53.1
Asgrow AG4903	5	9-26	28	2	57.6	50.9	54.3
Asgrow DKB46-51	5	9-26	33	2	57.5	--	--
Gateway 4R495	2	9-21	30	2	57.3	53.1	55.2
Delta Grow 4660RR	2	9-24	36	3	57.1	44.4	50.8
Schillinger 457.RCP	2	9-17	35	3	57.1	--	--
MPride/MPV 4808nRR/STS	NA	9-19	35	1	57.0	--	--
Delta King DK4967	2, 9	9-20	27	2	57.0	46.8	51.9
Schillinger 467.RCP	2	9-22	27	1	57.0	--	--
Delta Grow 4970RR	2	9-26	36	2	56.9	49.1	53.0
Gateway 4RS477	2	9-22	27	1	56.9	--	--
UniSouth USG 74A27	2, 4	9-17	27	1	56.9	--	--
Dyna-Gro 36Y48	2	9-26	36	3	56.8	47.6	52.2
Morsoy RTS 4556N	2	9-22	30	1	56.7	--	--
Progeny 4206 RR	3, 8	9-19	33	2	56.6	59.9*	58.3
Asgrow AG4703	5	9-20	31	2	56.5	56.2*	56.4
Hornbeck HBK R4727	3, 8	9-24	32	2	56.3	--	--
Hornbeck HBK R4924	3, 8	9-26	39	2	56.1	45.8	51.0
Pioneer 94M30	3, 4, 8	9-20	28	1	56.0	56.3*	56.2
Pioneer 94M80	3, 4, 8	9-18	31	2	55.9	49.0	52.5
Delta Pine 07-4950 RR	3, 4, 7	9-21	27	2	55.6	--	--
Progeny 4706 RR	3, 8	9-21	36	2	55.5	52.3	53.9
Mersch. Richmond 649RR	1, 11	10-01	36	2	55.2	48.7	52.0
UniSouth USG 7494nRR	2, 4	9-22	30	3	55.1	--	--
Asgrow AG4405	5	9-19	33	1	55.1	--	--
UniSouth USG 7466nRR	2, 4	9-22	33	3	55.0	48.7	51.9
Morsoy RT 4707N	2	9-24	33	1	54.9	--	--
Stine 4782-4	None	9-22	27	1	54.8	50.9	52.9
Delta Grow 4840RR	2	9-25	30	2	54.6	47.5	51.1
Dairyland 8450RR	5	9-17	31	2	54.3	44.0	49.2
Mersch. Austin 643RR	1, 11	9-22	30	1	54.2	51.7	53.0
Delta Grow 4770RR	2	9-15	32	1	54.1	48.6	51.4
Hornbeck HBK R4527	3, 8	9-20	33	2	54.0	--	--
Progeny 4804 RR	3, 8	9-22	30	3	54.0	49.7	51.9
Delta Grow 4150RR	2	9-17	30	2	54.0	46.1	50.1
MPride/MPV 4707nRR/STS	NA	9-24	24	1	53.9	--	--
Croplan Genetics RC4955	4, 12	9-17	33	1	53.9	44.7	49.3
Armor 47-F8	NA	9-22	27	1	53.5	--	--
Delta King DK4667	2, 9	9-22	32	3	53.5	45.0	49.3
Morsoy RT 4806N	2	9-19	33	2	53.5	53.4	53.5
Delta Pine DP 4450 RR	3, 4, 7	9-20	35	32	53.4	--	--
Armor 49-V6	NA	9-22	35	1	53.2	52.8	53.0
Progeny 4606 RR	3, 8	9-22	24	1	53.2	49.2	51.2
Morsoy RT 4914N	2	9-15	36	2	53.1	61.6**	57.4
Delta King DK4968	2, 9	9-25	36	2	52.9	49.3	51.1
Mersch. Houston 747RR	1, 11	9-23	24	1	52.5	52.2	52.4
Southern Cross Hiram	2	9-24	33	1	52.2	--	--
Dyna-Gro 32R46	2	9-21	24	1	52.2	--	--
Morsoy RTS 4706N	2	9-24	24	1	51.9	56.4*	54.2
Dyna-Gro 38X47	2	9-22	33	1	51.8	--	--
MPride/MPV 4406nRR	NA	9-19	33	2	51.7	49.8	50.8
Crow's C4717R	None	9-18	33	2	51.6	--	--
UniSouth USG 74F78	2, 4	9-21	33	1	51.6	--	--

TABLE 38. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
Dyna-Gro 35Z49	2	9-26	39	2	51.5	44.6	48.1
UniSouth USG 7440nRR	2, 4	9-19	32	1	51.4	51.4	51.4
Dyna-Gro 37A44	2	9-16	33	2	51.2	46.9	49.1
FFR 4526	3	9-21	27	1	51.0	--	--
Croplan Genetics RC4455	4, 12	9-21	36	2	50.8	48.8	49.8
Trisoy 4227RR(CN)	None	9-15	24	1	50.7	--	--
Southern Cross Eli	2	9-25	27	1	50.6	--	--
Delta Grow 4460RR	2	9-15	39	2	50.5	49.0	49.8
Trisoy 4760RR(CN)	None	9-22	30	1	50.4	--	--
Morsoy RT 4485N	2	9-19	33	2	50.4	50.0	50.2
Pioneer 94M31	2	9-15	30	2	50.4	54.7	52.6
JGL EXP JG49	2	9-24	36	2	50.2	--	--
Delta King DK4567	2, 9	9-15	25	1	50.1	53.9	52.0
NK Brand S49-H7	None	9-23	30	1	49.8	54.0	51.9
NK Brand S45-E5	None	9-15	33	1	49.7	--	--
Delta King DK4763	2, 9	9-20	27	1	49.3	48.1	48.7
Delta King DKXTJ847	2, 9	9-22	30	2	49.1	--	--
Mersch. Denver 742RR	1, 11	9-13	25	1	48.3	55.4	51.9
Mersch. Memphis 642RR	1, 11	9-17	33	2	47.0	50.4	48.7
Dyna-Gro 35D44	2	9-26	38	1	46.4	--	--
Crow's C4815R	None	9-19	30	1	42.2	48.8	45.5
Progeny 4817 RR	3, 8	9-17	30	3	35.0	--	--
GROUP 4 AVERAGE		9-20	32	2	55.7	50.2	53.0
L.S.D. AT .10					5.5	5.7	
C.V. %					7.1	8.0	

MATURITY GROUP 5

FFR 5663	3	10-07	30	3	72.2**	47.0	59.6
Armor 54-A5	NA	10-09	32	2	70.7*	--	--
UniSouth USG Allen	2, 4	10-08	33	2	70.1*	40.9	55.5
Pioneer 95M50	2	10-05	30	2	69.6*	51.2	60.4
Dyna-Gro 33C59	2	10-08	27	2	69.0*	--	--
UniSouth USG 7553nRS	2, 4	10-06	33	1	68.3*	49.3	58.8
MPride/MPV 5308nRR	NA	10-04	39	1	67.9*	--	--
Pioneer 95M82	2	10-07	36	2	67.0*	--	--
MPride/MPV 5407nRR	NA	10-04	39	2	66.6*	40.9	53.8
Delta Pine DP 5335 RR/S	3, 4, 7	9-26	36	2	66.6*	--	--
Delta Grow 5630RR	2	10-09	36	1	66.3*	38.2	52.3
Dyna-Gro 33X55	2	10-07	30	2	66.1*	42.3	54.2
Delta Pine DP 5634 RR	3, 4, 7	10-06	36	2	66.1*	47.9	57.0
Progeny 5650	3, 8	10-10	36	2	65.7*	37.3	51.5
Delta King DK5366	2, 9	10-07	36	3	65.5*	40.6	53.1
Armor X5350	NA	10-01	27	1	65.4*	--	--
Delta King DK55T6	2, 9	10-08	30	1	65.2*	50.0	57.6
Hornbeck HBK R5525	3, 8	10-07	38	2	64.2	44.8	54.5
Dyna-Gro 36N57	2	10-06	28	1	64.1	45.9	55.0
MPride/MPV 5505nRR/STS	NA	10-07	30	1	63.9	52.9	58.4
Delta King DK52K6	2, 9	10-06	33	2	63.8	40.3	52.1
Schillinger 557.RC	2	10-04	30	1	63.6	--	--
Armor GP-533	NA	10-06	39	2	63.1	--	--
Dyna-Gro 3583	2	10-10	36	1	61.3	46.8	54.1
Delta King DK5567	2, 9	10-06	27	2	61.3	47.3	54.3
Delta King DK5068	2, 9	9-25	36	2	60.4	52.9	56.7
Delta Grow 5570 RR	2	10-08	34	1	60.1	--	--
Dairyland 8512RR	5	10-04	36	2	60.1	42.5	51.3

TABLE 38. Continued.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
					-----bu/acre-----		
Mersch. Everest 755RR	1, 11	10-08	33	1	59.6	--	--
Delta King DKXTJ851	2, 9	10-07	33	1	59.2	--	--
MPride/MPV EXP 55-7	NA	9-23	36	1	59.0	48.1	53.6
Morsoy RT 5506N	2	10-04	33	1	58.8	48.0	53.4
Dyna-Gro 31R54	2	10-07	33	2	58.6	--	--
Dyna-Gro 33P54	2	10-05	27	1	58.5	--	--
UniSouth USG 75J17	2, 4	9-26	38	1	58.5	--	--
Delta King DK5066	2, 9	9-23	36	1	58.5	52.4	55.5
Morsoy RT 5306N	2	10-04	30	1	58.3	48.6	53.5
Hornbeck HBK R5226	3, 8	10-03	30	1	57.8	48.1	53.0
Progeny 5407 RR	3, 8	9-27	36	2	57.7	--	--
Armor 52-U2	NA	9-26	30	1	56.8	--	--
Delta Grow 5270RR	2	9-26	39	1	56.7	--	--
Delta Grow 5470RR/STS	2	10-07	39	2	56.7	41.9	49.3
Morsoy RT 5407N	2	10-06	24	1	56.1	--	--
Mersch. Olympus 854RR	1, 11	9-24	36	1	55.9	--	--
Delta Pine DP 5115 RR/S	3, 4, 7	9-26	45	1	55.5	50.8	53.2
Progeny 5207 RR	3, 8	9-24	36	1	55.2	--	--
UniSouth USG 7515nRS	2, 4	9-24	38	2	55.0	52.8	53.9
UniSouth USG 75J47	2, 4	10-06	33	1	55.0	--	--
Dyna-Gro 33B52	2	10-04	27	1	54.8	50.5	52.7
Hornbeck HBK RS5227	3, 8	9-28	30	2	54.7	--	--
Croplan Genetics RC5007 S	4, 12	9-30	34	1	54.6	--	--
Delta King DK5368	2, 9	10-03	27	1	54.3	50.9	52.6
Southern Cross Damascus	2	9-22	34	2	54.2	53.9	54.1
Dyna-Gro SX06856	2	9-27	27	1	54.0	--	--
Delta Grow 5300RR	2	10-01	33	2	53.6	51.3	52.5
MPride/MPV 5408nRR	NA	10-01	30	1	53.6	--	--
Delta King DK5161	2, 9	9-30	30	2	53.2	51.9	52.6
Progeny 5507 RR	3, 8	10-09	28	1	53.0	--	--
Dyna-Gro 39F51	2	9-26	36	1	52.7	--	--
Morsoy RT 5107N	2	9-27	33	1	52.5	--	--
Hornbeck HBK R5425	3, 8	10-09	33	3	52.4	39.2	45.8
Mersch. Rushmore 750RR	1, 11	9-24	30	1	52.1	--	--
Dairyland 8509RR	5	9-23	36	2	51.9	51.8	51.9
Gateway 5R501	2	9-23	34	2	51.7	--	--
UniSouth USG 75J32	2, 4	10-04	31	1	51.5	--	--
Delta Grow 5160RR/STS	2	9-26	39	2	51.0	48.4	49.7
Asgrow AG5301	5	10-01	30	2	50.4	50.1	50.3
Dyna-Gro 34J56	2	10-06	39	3	49.7	42.8	46.3
FFR 5116	3	9-30	30	1	49.6	52.2	50.9
Morsoy RT 5307N	2	9-22	40	1	49.5	--	--
Progeny 5107 RR	3, 8	9-27	33	3	48.7	--	--
Progeny 5307 RR	3, 8	9-23	42	2	48.3	--	--
Progeny 5115 RR	3, 8	9-23	42	2	45.1	51.9	48.5
Dyna-Gro 32A53	2	10-06	33	1	40.5	53.7	47.1
GROUP 5 AVERAGE		10-01	34	2	58.4	47.0	52.7
L.S.D. AT .10					7.3	4.4	
C.V. %					9.0	6.6	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 39. Performance Summary for Glyphosate Resistant Varieties evaluated at Five Southeast Missouri locations (Oran, Dexter, Morehouse, Portageville (Loam), Portageville (Clay)) during 2007.

<u>Oran</u> Planted: 05-15 Harvested: 09-20, 10-04, 10-15 Growing Season Rainfall: 14.5 in. Irrigation: 5 in.	<u>Dexter</u> Planted: 05-21 Harvested: 10-01, 10-10, 10-31, 11-01 Growing Season Rainfall: 12.8 in. Irrigation: 6 in.	<u>Morehouse</u> Planted: 05-22 Harvested: 10-09, 11-05 Growing Season Rainfall: 14.3 in. Irrigation: 10 in.
<u>Portageville (Loam)</u> Planted: 05-08 Harvested: 09-19, 10-07, 10-29 Growing Season Rainfall: 16.7 in. Irrigation: 8 in.	<u>Portageville (Clay)</u> Planted: 05-09 Harvested: 09-21, 10-05, 11-04 Growing Season Rainfall: 16.7 in. Irrigation: 7 in.	

Brand-Variety	Yield (Bu/Acre)					Mean
	Oran	Dexter	Morehouse	Portageville (Loam)	Portageville (Clay)	
MATURITY GROUP 3						
Asgrow AG3803	78.6**	76.8**	43.2**	36.5**	63.7**	59.8**
Croplan Genetics RC3935	71.0	69.7*	38.2	29.1	54.7	52.5
Dairyland 8396RR	62.8	68.0	38.1	29.8	60.0*	51.7
Hornbeck HBK R3824	62.2	62.8	38.7	30.8	53.6	49.6
Progeny 3900 RR	63.9	65.5	34.8	28.2	54.8	49.4
GROUP 3 AVERAGE	67.7	68.6	38.6	30.9	57.4	52.6
L.S.D. AT .10	7.4	7.8	3.6	3.8	6.0	2.5
C.V. %	8.7	9.0	7.5	9.7	8.2	8.6

MATURITY GROUP 4						
Progeny 4807 RR	73.6	73.6*	45.7	47.8*	58.6	59.8**
NK Brand S46-U6	65.7	76.0*	52.3**	46.2	58.8	59.8**
Delta Grow 4470RR/STS	72.9	74.5*	39.9	52.4*	58.4	59.6*
Delta Grow 4780RR	75.3	72.6*	45.3	43.4	58.7	59.1*
FFR 4767	68.9	72.8*	43.9	50.8*	58.5	59.0*
Asgrow AG4605	75.8*	67.9	41.8	44.9	64.5*	59.0*
Southern Cross Galilee	76.8*	65.3	48.9*	38.1	64.5*	58.7*
Mersch. Nashville 749RR	71.0	65.7	48.0*	40.7	66.1*	58.3*
Delta Pine DP 4888 RR/S	68.3	63.0	42.7	50.5*	66.3**	58.2*
Asgrow AG4703	75.7*	69.2	42.6	46.2	56.5	58.0*
UniSouth USG 7495nRS	73.8	68.2	40.6	46.3	61.1*	58.0*
MPride/MPV 4707nRR/STS	74.3	74.3*	43.2	43.8	53.9	57.9*
Morsoy RTS 4955N	76.7*	68.4	41.6	42.3	60.3	57.8*
Armor X4560	68.7	71.9*	42.3	40.6	65.6*	57.8*
Morsoy RTS 4706N	86.6**	63.9	42.4	43.6	51.9	57.7*
Delta Pine DPX 4334 RR	71.1	68.8	39.9	47.1*	60.9*	57.6*
Hornbeck HBK R4924	74.4	71.2	44.0	42.1	56.1	57.6*
Delta King DKXTJ848	75.7*	66.9	38.1	42.7	63.1*	57.3*
Progeny 4906 RR	73.4	67.8	42.3	43.9	59.0	57.3*
Hornbeck HBK R4727	73.4	72.4*	44.4	39.6	56.3	57.2*
Mersch. Rocky RR	69.6	68.6	43.8	45.6	58.5	57.2*
NK Brand S49-Q9	72.9	66.6	40.4	46.4	59.7	57.2*
MPride/MPV 4907nRR/STS	78.3*	72.7*	38.5	34.3	61.3*	57.0*
Delta Pine DP 4919 RR/S	69.1	64.8	43.5	44.6	62.9*	57.0*
Morsoy RT 4485N	75.5*	73.0*	40.9	44.8	50.4	56.9*
Delta Pine 07-4950 RR	67.5	73.7*	42.8	44.9	55.6	56.9*
Dairyland 8482RR	73.4	68.8	35.8	46.2	59.7	56.8*
Dyna-Gro 37P49	69.9	64.3	40.9	47.4*	60.8	56.7*
Armor 47-F8	76.9*	67.5	41.1	44.3	53.5	56.6*
Dyna-Gro 32R46	76.5*	73.8*	36.1	44.6	52.2	56.6*

Table 39. Continued.

Brand-Variety	Yield (Bu/Acre)					Mean
	Oran	Dexter	Morehouse	Portageville (Loam)	Portageville (Clay)	
FFR 4886	69.8	70.1	42.5	40.8	60.0	56.6*
Dyna-Gro 33Y45	68.3	65.6	40.0	45.0	63.1*	56.4*
UniSouth USG 74A27	73.8	64.6	40.6	46.0	56.9	56.4*
Trisoy 4760RR(CN)	67.7	80.7**	39.4	43.5	50.4	56.3
Mersch. Houston 747RR	74.0	72.9*	44.0	38.0	52.5	56.3
MPride/MPV 4406nRR	75.5*	64.5	43.1	46.0	51.7	56.2
Southern Cross Caleb	68.7	68.4	35.4	48.0*	60.2	56.1
Dairyland 8474RR	67.5	65.5	45.4	41.3	61.0*	56.1
Croplan Genetics RC4455	79.1*	69.2	37.1	44.0	50.8	56.0
Dyna-Gro 36Y48	70.3	68.1	37.8	46.3	56.8	55.8
UniSouth USG 74F78	81.0*	63.9	39.7	42.5	51.6	55.7
Mersch. Dallas RR	73.8	62.1	39.5	44.9	58.3	55.7
Delta Grow 4975 LARR	65.1	61.4	38.2	54.3**	59.2	55.6
Dyna-Gro 35Z49	77.3*	67.8	41.5	39.9	51.5	55.6
Croplan Genetics RC4955	68.2	72.8*	39.7	43.1	53.9	55.5
Progeny 4706 RR	72.3	72.8*	34.1	42.8	55.5	55.5
Mersch. Austin 643RR	67.1	71.1	38.0	46.4	54.2	55.4
Schillinger 457.RCP	69.7	62.0	49.3*	38.2	57.1	55.2
Progeny 4949 RR	64.6	60.2	43.6	47.6*	60.3	55.2
Morsoy RT 4707N	73.0	72.8*	47.5*	27.9	54.9	55.2
UniSouth USG 7494nRR	61.8	67.7	45.7	45.6	55.1	55.2
Delta Pine DP 4450 RR	75.5*	65.2	36.5	44.7	53.4	55.0
Delta Grow 4860RR	70.7	61.4	36.0	46.1	60.9*	55.0
Delta Grow 4770RR	72.1	65.0	39.0	44.9	54.1	55.0
Asgrow AG4903	64.0	59.7	47.3*	46.2	57.6	55.0
Progeny 4507 RR	63.3	61.3	41.4	44.7	64.1*	55.0
Stine 4782-4	67.9	71.2	38.3	42.6	54.8	55.0
Morsoy RT 4914N	57.5	69.1	45.4	49.4*	53.1	54.9
Stine 5202-4	64.4	64.3	46.6	36.0	62.7*	54.8
Gateway 4RS477	60.4	72.6*	42.4	41.7	56.9	54.8
Delta King DKXTJ847	72.1	65.5	39.9	47.0*	49.1	54.7
Southern Cross Eli	67.4	70.7	43.0	39.5	50.6	54.2
Delta Pine DP 4724 RR	70.7	58.7	36.7	42.9	62.0*	54.2
Southern Cross Hiram	64.0	66.2	46.0	42.4	52.2	54.2
NK Brand S49-H7	73.7	61.5	40.0	44.6	49.8	53.9
Crow's C4717R	79.9*	63.2	34.1	40.6	51.6	53.9
Pioneer 94M30	67.5	64.8	37.9	43.0	56.0	53.8
Progeny 4606 RR	68.4	66.2	43.3	38.1	53.2	53.8
FFR 4526	68.2	70.5	38.1	41.3	51.0	53.8
Delta Grow 4970RR	60.0	72.1*	40.6	38.9	56.9	53.7
Dyna-Gro 38X47	65.7	64.7	45.5	40.6	51.8	53.6
Morsoy RTS 4556N	70.2	60.6	37.4	43.2	56.7	53.6
Delta Grow 4840RR	64.4	63.3	41.0	44.7	54.6	53.6
Morsoy RT 4806N	66.9	65.8	40.1	41.0	53.5	53.5
Schillinger 495.RC	62.7	62.5	47.2*	34.1	60.8	53.4
Armor 49-V6	58.1	68.9	43.8	43.2	53.2	53.4
Gateway 4R495	61.8	60.1	42.9	44.9	57.3	53.4
Mersch. Norfolk 741RR	66.4	57.2	46.7	38.2	57.9	53.3
Delta King DK4968	54.9	64.3	47.5*	46.2	52.9	53.2
Mersch. Richmond 649RR	63.8	63.2	42.6	40.9	55.2	53.1
Progeny 4804 RR	68.2	55.7	45.4	41.8	54.0	53.0
Delta Grow 4150RR	71.2	63.3	33.0	42.8	54.0	52.8
UniSouth USG 7466nRR	60.0	64.7	45.8	38.6	55.0	52.8
Delta King DK4967	65.3	64.8	36.9	39.6	57.0	52.7
Delta Pine DP 4546 RR	57.2	60.7	45.1	41.5	59.1	52.7

Table 39. Continued.

Brand-Variety	Yield (Bu/Acre)					Mean
	Oran	Dexter	Morehouse	Portageville (Loam)	Portageville (Clay)	
Pioneer 94M80	67.5	59.9	37.0	43.2	55.9	52.7
JGL EXP JG49	55.4	66.0	48.1*	43.7	50.2	52.7
UniSouth USG 7440nRR	66.3	62.1	34.1	47.8*	51.4	52.3
Delta Grow 4960RR	48.4	60.6	40.2	51.9*	59.4	52.1
Mersch. Denver 742RR	70.6	62.2	35.9	43.5	48.3	52.1
Asgrow AG4405	70.1	60.7	34.1	40.3	55.1	52.0
Asgrow DKB46-51	66.8	53.7	42.0	40.0	57.5	52.0
Delta Grow 4660RR	64.5	55.4	41.4	41.5	57.1	52.0
NK Brand S45-E5	65.6	65.0	40.0	38.6	49.7	51.8
Delta King DK4667	59.0	61.1	43.4	40.5	53.5	51.5
Delta King DK4763	66.8	57.5	37.6	46.3	49.3	51.5
MPride/MPV 4808nRR/STS	53.1	65.8	40.2	41.2	57.0	51.5
Trisoy 4227RR(CN)	64.9	67.8	33.6	39.4	50.7	51.3
Mersch. Memphis 642RR	66.6	62.9	36.3	42.9	47.0	51.1
Hornbeck HBK R4527	59.8	55.7	45.2	40.9	54.0	51.1
Delta Grow 4460RR	60.9	66.4	36.9	39.8	50.5	50.9
Dyna-Gro 37A44	63.8	63.6	37.9	36.5	51.2	50.6
Pioneer 94B73	51.5	61.2	31.7	50.0*	57.7	50.4
Delta King DK4567	65.0	60.7	36.7	37.0	50.1	49.9
Dairyland 8450RR	62.0	56.8	38.0	37.5	54.3	49.7
Delta King DK4866	58.0	50.9	38.6	42.6	58.4	49.7
Schillinger 467.RCP	55.6	57.7	40.6	37.5	57.0	49.7
Pioneer 94M31	60.6	61.4	36.4	38.6	50.4	49.5
Progeny 4206 RR	67.6	53.5	31.7	35.3	56.6	48.9
Dyna-Gro 35D44	61.0	63.1	31.7	38.2	46.4	48.1
Crow's C4815R	65.8	58.0	36.8	34.3	42.2	47.4
Progeny 4817 RR	50.0	58.8	37.5	35.6	35.0	43.4
GROUP 4 AVERAGE	67.9	65.4	40.8	42.8	55.7	54.5
L.S.D. AT .10	11.1	8.9	5.4	7.4	5.5	3.5
C.V. %	11.8	9.7	9.4	12.2	7.1	10.0

MATURITY GROUP 5

Armor 54-A5	78.8**	76.0*	51.7	57.0*	70.7*	66.8**
Dyna-Gro 33C59	55.5	68.9*	68.4**	58.1*	69.0*	64.0*
Pioneer 95M82	77.1*	59.3	52.8	53.1*	67.0*	61.8
MPride/MPV 5505nRR/STS	74.8*	68.6*	51.4	50.3	63.9	61.8
Armor X5350	70.7*	69.0*	48.3	52.9*	65.4*	61.2
Dyna-Gro 33X55	69.7	62.6	55.8	51.9	66.1*	61.2
Dyna-Gro 36N57	63.3	65.6	62.7*	50.1	64.1	61.2
MPride/MPV 5407nRR	71.1*	69.9*	47.6	47.8	66.6*	60.6
Delta Pine DP 5634 RR	66.5	60.5	53.8	55.2*	66.1*	60.4
UniSouth USG 7553nRS	71.0*	68.7*	48.7	45.2	68.3*	60.4
Delta Pine DP 5335 RR/S	66.6	70.5*	45.1	53.0*	66.6*	60.4
FFR 5663	64.9	55.2	55.8	53.3*	72.2**	60.3
MPride/MPV 5308nRR	66.0	67.0	44.4	54.3*	67.9*	59.9
UniSouth USG Allen	53.1	74.9*	51.5	47.8	70.1*	59.5
Delta King DK5567	72.7*	67.1*	50.6	44.5	61.3	59.2
UniSouth USG 75J17	69.5	73.3*	45.8	45.5	58.5	58.5
Schillinger 557.RC	61.8	66.0	54.6	45.3	63.6	58.2
Hornbeck HBK R5226	61.3	62.3	54.4	54.8*	57.8	58.1
Mersch. Everest 755RR	66.5	71.1*	48.0	45.1	59.6	58.0
Armor GP-533	57.6	68.5*	48.7	51.9	63.1	58.0
Progeny 5407 RR	70.3*	70.0*	46.0	45.6	57.7	57.9
Delta King DK52K6	66.5	58.8	52.3	47.8	63.8	57.8
Delta King DK5366	55.7	64.3	51.4	50.6	65.5*	57.5

Table 39. Continued.

Brand-Variety	Yield (Bu/Acre)					Mean
	Oran	Dexter	Morehouse	Portageville (Loam)	Portageville (Clay)	
Delta Grow 5160RR/STS	72.4*	67.2*	40.9	54.2*	51.0	57.1
Dyna-Gro 33P54	64.9	75.8*	44.1	41.1	58.5	56.9
Morsoy RT 5506N	58.8	64.9	46.9	54.6*	58.8	56.8
Pioneer 95M50	53.9	60.3	54.8	45.3	69.6*	56.8
Dyna-Gro 3583	54.7	53.2	59.7	54.9*	61.3	56.8
Delta King DK5068	63.6	65.2	43.7	50.8	60.4	56.7
Delta Pine DP 5115 RR/S	71.7*	64.7	47.3	43.9	55.5	56.6
Delta King DK55T6	49.1	58.3	57.7	52.6*	65.2*	56.6
Progeny 5650	43.6	63.4	48.8	59.6**	65.7*	56.2
Dairyland 8512RR	66.1	62.1	46.7	45.7	60.1	56.1
Delta Grow 5270RR	64.9	74.5*	47.6	36.2	56.7	56.0
UniSouth USG 75J32	64.9	60.7	51.0	51.0	51.5	55.8
UniSouth USG 75J47	67.5	73.6*	46.4	35.8	55.0	55.6
Progeny 5207 RR	63.2	77.0**	42.7	39.9	55.2	55.6
Delta King DKXTJ851	66.2	62.9	43.8	44.0	59.2	55.2
Hornbeck HBK R5525	59.1	57.7	47.4	47.3	64.2	55.1
Progeny 5507 RR	64.8	72.2*	47.7	37.7	53.0	55.1
Delta King DK5066	73.6*	62.5	35.3	45.2	58.5	55.0
Delta Grow 5630RR	55.6	51.5	54.3	46.9	66.3*	54.9
Delta Grow 5570 RR	50.4	64.4	46.3	53.3*	60.1	54.9
Mersch. Rushmore 750RR	58.7	62.5	44.1	56.6*	52.1	54.8
Southern Cross Damascus	67.7	66.7	39.6	45.8	54.2	54.8
UniSouth USG 7515nRS	71.5*	64.4	37.4	45.5	55.0	54.8
Delta Grow 5470RR/STS	59.1	68.0*	44.6	44.0	56.7	54.5
MPride/MPV EXP 55-7	69.0	63.7	34.7	45.0	59.0	54.3
Progeny 5115 RR	62.6	72.7*	44.4	46.4	45.1	54.2
Gateway 5R501	59.7	71.6*	45.1	43.0	51.7	54.2
FFR 5116	68.8	58.8	43.4	49.3	49.6	54.0
Dyna-Gro 32A53	53.2	71.2*	52.3	52.1	40.5	53.8
Delta Grow 5300RR	66.0	58.9	44.3	46.3	53.6	53.8
Morsoy RT 5306N	60.6	55.3	49.6	44.6	58.3	53.7
Croplan Genetics RC5007 S	52.1	59.8	48.6	53.2*	54.6	53.6
Delta King DK5368	48.4	62.2	52.7	49.1	54.3	53.3
Morsoy RT 5107N	68.7	70.6*	48.8	26.0	52.5	53.3
Dyna-Gro 39F51	64.9	65.0	46.3	37.3	52.7	53.2
Asgrow AG5301	60.7	61.1	53.7	39.4	50.4	53.1
Mersch. Olympus 854RR	48.3	59.2	54.6	46.7	55.9	52.9
Dyna-Gro 33B52	42.9	63.6	48.4	54.5*	54.8	52.8
MPride/MPV 5408nRR	42.8	60.1	55.1	50.5	53.6	52.4
Hornbeck HBK RS5227	65.0	57.0	43.1	42.0	54.7	52.4
Hornbeck HBK R5425	48.7	50.9	57.4	51.6	52.4	52.2
Dyna-Gro 34J56	53.0	61.3	49.7	47.2	49.7	52.2
Dyna-Gro SX06856	49.5	64.9	42.1	50.1	54.0	52.1
Dairyland 8509RR	68.0	64.7	43.8	28.3	51.9	51.3
Dyna-Gro 31R54	46.0	59.9	45.1	45.0	58.6	50.9
Armor 52-U2	49.6	61.5	44.9	40.5	56.8	50.6
Progeny 5307 RR	58.9	60.7	40.6	43.7	48.3	50.4
Morsoy RT 5407N	61.6	66.9	44.2	22.0	56.1	50.2
Morsoy RT 5307N	51.6	63.8	41.6	36.9	49.5	48.7
Delta King DK5161	36.7	49.5	49.5	46.1	53.2	47.0
Progeny 5107 RR	48.8	60.7	43.1	33.1	48.7	46.9
GROUP 5 AVERAGE	61.1	64.4	48.3	46.8	58.4	55.8
L.S.D. AT .10	8.6	9.9	6.0	7.2	7.3	3.5
C.V. %	10.0	11.1	8.8	11.6	9.0	10.1

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

Note: To view seed treatments for these varieties refer to the location table or the characteristics chart.

TABLE 40. Non-Glyphosate Resistant / Special Traits Soybean Test

Southeast Region: Oran, MO (Scott County)

Soil Type: Commerce Silt Loam Soil Test: pH=6.7, OM=2.5%, P=54, K=320

Cyst Nematode Population at Planting: 4793 Eggs/250cc of Soil

Rainfall: May=3.4, June=2.9, July=4.1, Aug.=0.8, Sept.=3.3 Total=14.5 in.

Irrigation: 5 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2005	2 Yr. Mean
High Yield Check 9	--	9-29	48	2	72.3**	36.9	54.6
Jake	3, 8	10-01	40	3	70.8*	50.3	60.6
Southern Cross Benjamin	2	9-12	39	2	68.4*	53.0**	60.7
High Yield Check 7	--	9-20	48	2	63.8	45.4	54.6
UniSouth USG 5601T	2, 4	9-17	45	4	58.4	52.3*	55.4
High Yield Check 8	--	9-21	52	3	57.5	41.3	49.4
Stoddard	3, 8	9-25	39	4	50.7	50.7*	50.7
Hornbeck HBK C4147	3, 8	9-21	51	3	31.4	--	--
TEST AVERAGE		9-21	45	3	59.2	47.9	53.6
L.S.D. AT .10					6.8	3.6	
C.V. %					9.4	6.0	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 41. Non-Glyphosate Resistant / Special Traits Soybean Test

Southeast Region: Dexter, MO (Stoddard County)

Soil Type: Crowley Silt Loam Soil Test: pH=6.4, OM=1.6%, P=16, K=166

Cyst Nematode Population at Planting: 0 Eggs/250cc of Soil

Rainfall: May=4.6, June=2.6, July=2.9, Aug.=0.9, Sept.=1.8 Total=12.8 in.

Irrigation: 6 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	2 Yr. Mean
UniSouth USG 5601T	2, 4	10-01	48	3	68.8**	78.2**	73.5
Jake	3, 8	10-01	39	3	67.0*	74.6*	70.8
High Yield Check 9	--	10-06	45	3	63.5*	72.0*	67.8
Stoddard	3, 8	9-30	39	5	55.2*	75.2**	65.2
Southern Cross Benjamin	2	9-17	36	2	50.3	70.0*	60.2
High Yield Check 7	--	9-30	45	4	48.4	65.7	57.1
High Yield Check 8	--	10-02	48	4	47.3	68.1	57.7
Hornbeck HBK C4147	3, 8	10-01	51	1	34.0	--	--
TEST AVERAGE		9-29	44	3	54.3	69.3	61.8
L.S.D. AT .10					14.0	6.3	
C.V. %					21.2	7.2	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 42. Non-Glyphosate Resistant / Special Traits Soybean Test

Southeast Region: Morehouse, MO (New Madrid County)

Soil Type: Sharkey Clay Soil Test: pH=5.8, OM=2.2%, P=18, K=408

Cyst Nematode Population at Planting: 1330 Eggs/250cc of Soil

Rainfall: May=2.4, June=3.2, July=3.0, Aug.=0.0, Sept.=5.7 Total=14.3 in.

Irrigation: 10 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		2 Yr. Mean
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	
Stoddard	3, 8	10-02	18	1	58.5**	53.7	56.1
UniSouth USG 5601T	2, 4	10-07	24	1	51.7	57.8	54.8
High Yield Check 9	--	10-03	30	1	50.5	56.3	53.4
Hornbeck HBK C4147	3, 8	10-06	26	1	49.7	--	--
Jake	3, 8	10-02	24	1	48.4	53.8	51.1
High Yield Check 8	--	10-02	28	1	46.3	55.0*	50.7
High Yield Check 7	--	9-30	30	1	46.0	44.7	45.4
Southern Cross Benjamin	2	9-21	23	1	42.8	59.5**	51.2
TEST AVERAGE		10-01	25	1	49.2	53.0	51.1
L.S.D. AT .10					4.0	5.6	
C.V. %					6.6	8.3	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 43. Non-Glyphosate Resistant / Special Traits Soybean Test

Southeast Region: Portageville (Loam), MO (Pemiscot County)

Soil Type: Tiptonville Silt Loam Soil Test: pH=6.0, OM=2.5%, P=92, K=308

Cyst Nematode Population at Planting: 2320 Eggs/250cc of Soil

Rainfall: May=2.7, June=1.4, July=3.1, Aug.=0.6, Sept.=8.9 Total=16.7 in.

Irrigation: 8 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		2 Yr. Mean
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	
Stoddard	3, 8	10-03	27	1	69.0**	63.6*	66.3
Jake	3, 8	10-07	28	1	66.6*	57.9**	62.3
UniSouth USG 5601T	2, 4	10-01	30	1	60.9	55.4*	58.2
Hornbeck HBK C4147	3, 8	10-16	39	1	58.2	--	--
High Yield Check 9	--	9-30	27	1	55.0	56.6*	55.8
High Yield Check 8	--	9-28	42	3	53.4	65.8**	59.6
High Yield Check 7	--	9-30	48	2	50.6	58.7	54.7
Southern Cross Benjamin	2	9-16	24	1	44.1	65.6*	54.9
TEST AVERAGE		9-30	33	1	57.2	63.4	60.3
L.S.D. AT .10					5.9	3.1	
C.V. %					8.5	3.9	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 44. Non-Glyphosate Resistant / Special Traits Soybean Test

Southeast Region: Portageville (Clay), MO (Pemiscot County)

Soil Type: Portageville Clay Soil Test: pH=6.5, OM=1.7%, P=54, K=476

Cyst Nematode Population at Planting: 665 Eggs/250cc of Soil

Rainfall: May=2.7, June=1.4, July=3.1, Aug.=0.6, Sept.=8.9 Total=16.7 in.

Irrigation: 7 in.

Brand-Variety	Seed Treatment ⁺	2007			Yield		2 Yr. Mean
		Maturity Date	Plant Height (in)	Lodging Score	2007	2006	
Jake	3, 8	10-02	27	1	66.6**	55.5**	61.1
UniSouth USG 5601T	2, 4	10-04	35	1	65.1*	52.3*	58.7
Stoddard	3, 8	10-01	30	1	61.7*	48.8	55.3
High Yield Check 9	--	10-01	30	1	61.1	47.7	54.4
Hornbeck HBK C4147	3, 8	10-07	30	1	51.3	--	--
Southern Cross Benjamin	2	9-16	28	1	49.0	53.3	51.2
High Yield Check 7	--	10-01	33	1	46.1	54.1	50.1
High Yield Check 8	--	9-29	33	1	43.4	55.8**	49.6
TEST AVERAGE		9-29	31	1	55.5	53.3	54.4
L.S.D. AT .10					5.1	NS	
C.V. %					7.6	9.9	

-- Data not available.

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

NS Not Significant

+ Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

TABLE 45. Performance Summary for Non-Glyphosate Resistant / Special Traits Varieties evaluated at Five Southeast Missouri locations (Oran, Dexter, Morehouse, Portageville (Loam), Portageville (Clay)) during 2007.

Brand-Variety	Oran Planted: 05-15 Harvested: 10-15 Growing Season Rainfall: 14.5 in. Irrigation: 5 in.		Dexter Planted: 05-21 Harvested: 10-11 Growing Season Rainfall: 12.8 in. Irrigation: 6 in.		Morehouse Planted: 05-22 Harvested: 11-05 Growing Season Rainfall: 14.3 in. Irrigation: 10 in.		Mean
	Portageville (Loam) Planted: 05-08 Harvested: 10-29 Growing Season Rainfall: 16.7 in. Irrigation: 8 in.		Portageville (Clay) Planted: 05-09 Harvested: 11-04 Growing Season Rainfall: 16.7 in. Irrigation: 7 in.		Yield (Bu/Acre)		
	Oran	Dexter	Morehouse	Portageville (Loam)	Portageville (Clay)		
Jake	70.8*	67.0*	48.4	66.6*	66.6**	63.9**	
UniSouth USG 5601T	58.4	68.8**	51.7	60.9	65.1*	61.0*	
High Yield Check 9	72.3**	63.5*	50.5	55.0	61.1	60.5*	
Stoddard	50.7	55.2*	58.5**	69.0**	61.7*	59.0	
High Yield Check 7	63.8	48.4	46.0	50.6	46.1	51.0	
Southern Cross Benjamin	68.4*	50.3	42.8	44.1	49.0	50.9	
High Yield Check 8	57.5	47.3	46.3	53.4	43.4	49.6	
Hornbeck HBK C4147	31.4	34.0	49.7	58.2	51.3	44.9	
TEST AVERAGE	59.2	54.3	49.2	57.2	55.5	55.1	
L.S.D. AT .10	6.8	14.0	4.0	5.9	5.1	3.4	
C.V. %	9.4	21.2	6.6	8.5	7.6	10.7	

** Highest yielding variety in the maturity group.

* Yield not significantly less than the highest yielding variety in the maturity group.

Note: To view seed treatments for these varieties refer to the location table or the characteristics chart.

Characteristics for Varieties Entered in the 2007 Missouri Soybean Tests

Variety	Seed Treat.	Variety/ Brand	Mat. Group	Phyto. Field Tolerance	Phyto. Gene	SCN Source	SDS Rating	Herb. Res.	Special Traits
Armor 47-F8	NA	V	4.7	NA	NA	NA	NA	GR	NA
Armor 49-V6	NA	V	4.9	NA	NA	NA	NA	GR	NA
Armor 52-U2	NA	V	5.2	NA	NA	NA	NA	GR	NA
Armor 54-A5	NA	V	5.4	NA	NA	NA	NA	GR	NA
Armor GP-533	NA	V	5.3	NA	NA	NA	NA	GR	NA
Armor X4560	NA	V	4.5	NA	NA	NA	NA	GR	NA
Armor X5350	NA	V	5.3	NA	NA	NA	NA	GR	NA
Asgrow AG3205	5	BR	3.2	7	Rps 1c	PI88788	4	GR	None
Asgrow AG3504	5	BR	3.5	7	Rps 1c	PI88788	5	GR	None
Asgrow AG3603	5	BR	3.6	4	Rps 1c	PI88788	4	GR	None
Asgrow AG3705	5	BR	3.7	6	Rps 1c	PI88788	5	GR	None
Asgrow AG3803	5	BR	3.8	4	Rps 1c	PI88788	5	GR	None
Asgrow AG3905	5	BR	3.9	5	Rps 1c	PI88788	3	GR	None
Asgrow AG4103	5	BR	4.1	5	Rps 1a	PI88788	3	GR	None
Asgrow AG4404	5	BR	4.4	5	Rps 1a	PI88788	4	GR	None
Asgrow AG4405	5	BR	4.4	6	Rps 1c	PI88788	3	GR	None
Asgrow AG4605	5	BR	4.6	NA	S	PI88788	NA	GR	None
Asgrow AG4703	5	BR	4.7	5	S	PI88788	3	GR	None
Asgrow AG4903	5	BR	4.9	7	S	S	2	GR	None
Asgrow AG5301	5	BR	5.3	4	Rps 1a	PI88788	4	GR	None
Asgrow DKB46-51	5	BR	4.6	5	S	PI88788	6	GR	None
Asoyia 3027RR	1, 11, 6	BR	3.0	NA	NA	S	NA	GR	LL
Asoyia 3106SCN	1, 11, 6	BR	3.1	NA	NA	S	NA	None	LL
Asoyia 3217RR	1, 11, 6	BR	3.2	NA	NA	S	NA	GR	LL
Asoyia 3257	1, 11, 6	BR	3.2	NA	NA	S	NA	None	LL
Asoyia 3407RR	1, 11, 6	BR	3.4	NA	NA	S	NA	GR	LL
Asoyia 3517SCN	1, 11, 6	BR	3.5	NA	NA	PI88788	NA	None	LL
Asoyia 3757RR	1, 11, 6	BR	3.7	NA	NA	S	NA	GR	LL
Asoyia 3867SCN	1, 11, 6	BR	3.8	NA	NA	PI88788	NA	None	LL
Bio Gene BG 3708RN	NA	NA	3.7	NA	NA	NA	NA	GR	NA
Bio Gene BG 4408RSN	NA	NA	4.4	NA	NA	NA	NA	GR	NA
BioGene BG 3807RN	NA	NA	3.8	NA	NA	NA	NA	GR	NA
Croplan Genetics RC3864	4, 12	V	3.8	3	Rps 1c	PI88788	2	GR	None
Croplan Genetics RC3935	4, 12	V	3.9	3	Rps 1c	PI88788	2	GR	None
Croplan Genetics RC4104	4, 12	V	4.1	3	Rps 1c	PI88788	3	GR	None
Croplan Genetics RC4432	4, 12	V	4.4	4	S	PI88788	2	GR	None
Croplan Genetics RC4455	4, 12	V	4.4	3	S	PI88788	2	GR	None
Croplan Genetics RC4955	4, 12	BR	4.9	2	S	PI88788	2	GR	None
Croplan Genetics RC5007 STS	4, 12	BR	5.0	2	S	PI88788	2	GR,STS	None
Crow's C3817R	None	BR	3.8	3	Rps 1c	PI88788	3	GR,STS	None
Crow's C3916R	None	BR	3.9	4	Rps 1c	PI88788	3	GR	None
Crow's C4717R	None	BR	4.7	5	Rps 1a	PI88788	3	GR,STS	None
Crow's C4815R	None	BR	4.8	3	S	PI88788	4	GR	None
Dairyland 8396RR	5	BR	3.9	2	S	S	2	GR	None
Dairyland 8450RR	5	BR	4.5	2	S	S	2	GR	None
Dairyland 8474RR	5	BR	4.7	3	S	PI88788	2	GR	None
Dairyland 8482RR	5	BR	4.8	NA	NA	S	NA	GR	None
Dairyland 8509RR	5	BR	5.0	2	Rps 1k	PI88788	3	GR	None
Dairyland 8512RR	5	BR	5.1	2	S	PI88788	2	GR	None
Delta Grow 4150RR	2	BR	4.1	3	Rps 1a	PI88788	3	GR	None
Delta Grow 4460RR	2	BR	4.4	3	S	PI88788	3	GR	None
Delta Grow 4470RR/STS	2	BR	4.4	4	S	PI88788	3	GR,STS	None
Delta Grow 4660RR	2	BR	4.6	5	S	PI88788	3	GR	None

Variety	Seed Treat.	Variety/ Brand	Mat. Group	Phyto. Field Tolerance	Phyto. Gene	SCN Source	SDS Rating	Herb. Res.	Special Traits
Delta Grow 4770RR	2	BR	4.7	3	S	PI88788	3	GR	None
Delta Grow 4780RR	2	BR	4.8	3	S	PI88788	3	GR	None
Delta Grow 4840RR	2	BR	4.8	3	S	PI88788	3	GR	None
Delta Grow 4860RR	2	BR	4.8	3	S	PI88788	6	GR	None
Delta Grow 4960RR	2	BR	4.9	4	S	PI88788	5	GR	None
Delta Grow 4970RR	2	BR	4.9	4	S	PI88788	3	GR	None
Delta Grow 4975 LARR	2	BR	4.9	3	Rps 1a	PI88788	3	GR	None
Delta Grow 5160RR/STS	2	BR	5.1	4	S	PI88788	3	GR,STS	None
Delta Grow 5270RR	2	BR	5.2	3	S	PI88788	3	GR	None
Delta Grow 5300RR	2	BR	5.3	3	Rps 1c	PI88788	4	GR	None
Delta Grow 5470RR/STS	2	BR	5.4	4	S	PI88788	4	GR	None
Delta Grow 5570 RR	2	BR	5.5	4	S	PI88788	4	GR	None
Delta Grow 5630RR	2	BR	5.6	3	S	PI88788	5	GR	None
Delta King DK4567	2, 9	BR	4.5	NA	NA	PI88788	2	GR	None
Delta King DK4667	2, 9	BR	4.6	NA	NA	PI88788	2	GR	None
Delta King DK4763	2, 9	BR	4.7	NA	NA	PI88788	4	GR	None
Delta King DK4866	2, 9	BR	4.8	NA	Rps 1a	PI88788	2	GR,STS	None
Delta King DK4967	2, 9	BR	4.9	NA	NA	PI88788	2	GR	None
Delta King DK4968	2, 9	BR	4.9	NA	NA	PI88788	4	GR	None
Delta King DK5066	2, 9	BR	5.0	NA	NA	PI88788	2	GR	None
Delta King DK5068	2, 9	BR	5.0	NA	NA	PI88788	4	GR	None
Delta King DK5161	2, 9	BR	5.1	NA	NA	PI88788	4	GR	None
Delta King DK52K6	2, 9	BR	5.2	NA	NA	PI88788	2	GR	None
Delta King DK5366	2, 9	BR	5.3	NA	Rps 1c	PI88788	2	GR	None
Delta King DK5368	2, 9	BR	5.3	NA	NA	PI88788	4	GR	None
Delta King DK5567	2, 9	BR	5.5	NA	NA	PI88788	2	GR	None
Delta King DK55T6	2, 9	BR	5.6	NA	NA	PI88788	4	GR	None
Delta King DKXTJ847	2, 9	BR	4.7	NA	NA	PI88788	4	GR	None
Delta King DKXTJ848	2, 9	BR	4.8	NA	Rps 1a	PI88788	3	GR	None
Delta King DKXTJ851	2, 9	BR	5.1	NA	NA	PI88788	3	GR	None
Delta Pine 07-4950 RR	3, 4, 7	V	4.9	NA	NA	PI88788	NA	GR	None
Delta Pine DP 4450 RR	3, 4, 7	V	4.3	3	NA	PI88788	3	GR	None
Delta Pine DP 4546 RR	3, 4, 7	V	4.5	4	Rps 1a	S	5	GR	None
Delta Pine DP 4724 RR	3, 4, 7	V	4.7	4	Rps 1k	PI88788	3	GR	None
Delta Pine DP 4888 RR/S	3, 4, 7	V	4.8	3	S	S	2	GR	None
Delta Pine DP 4919 RR/S	3, 4, 7	V	4.9	4	Rps 3a	PI88788	2	GR	None
Delta Pine DP 5115 RR/S	3, 4, 7	V	5.1	4	S	PI88788	3	GR	None
Delta Pine DP 5335 RR/S	3, 4, 7	V	5.3	4	S	S	4	GR	None
Delta Pine DP 5634 RR	3, 4, 7	V	5.6	4	Rps 1a	PI88788	4	GR	None
Delta Pine DPX 4334 RR	3, 4, 7	V	4.3	NA	NA	PI88788	NA	GR	None
Dyna-Gro 31R54	2	V	5.4	1	Rps 1c	NA	2	GR,STS	None
Dyna-Gro 32A53	2	V	5.3	3	S	NA	3	GR	None
Dyna-Gro 32C38	5	V	3.8	2	Rps 1c	PI88788	2	GR,STS	None
Dyna-Gro 32R46	2	V	4.6	3	S	PI88788	2	GR,STS	HO
Dyna-Gro 32X39	5	V	3.9	4	Rps 1c	PI88788	1	GR	None
Dyna-Gro 33B52	2	V	5.2	3	S	NA	4	GR	None
Dyna-Gro 33C59	2	V	5.9	2	S	NA	3	GR	None
Dyna-Gro 33P54	2	V	5.4	3	S	NA	3	GR	None
Dyna-Gro 33X55	2	V	5.5	2	S	NA	3	GR	None
Dyna-Gro 33Y38	5	V	3.8	2	S	S	2	GR	None
Dyna-Gro 33Y45	2	V	4.5	4	S	NA	5	GR,STS	None
Dyna-Gro 34J56	2	V	5.6	2	S	NA	4	GR	None
Dyna-Gro 3583	2	V	5.9	3	S	NA	3	GR	None
Dyna-Gro 35D44	2	V	4.4	3	S	PI88788	1	GR	None
Dyna-Gro 35F37	5	V	3.7	3	Rps 1k	PI88788	1	GR	None

Variety	Seed Treat.	Variety/ Brand	Mat. Group	Phyto. Field Tolerance	Phyto. Gene	SCN Source	SDS Rating	Herb. Res.	Special Traits
Dyna-Gro 35G38	5	V	3.8	4	S	PI88788	2	GR	None
Dyna-Gro 35Y36	5	V	3.6	2	S	PI88788	2	GR	None
Dyna-Gro 35Z49	2	V	4.9	5	S	NA	1	GR	None
Dyna-Gro 36N57	2	V	5.7	3	S	NA	3	GR	None
Dyna-Gro 36Y48	2	V	4.8	3	S	PI88788	2	GR,STS	HO
Dyna-Gro 37A44	2	V	4.4	3	S	PI88788	3	GR	HO
Dyna-Gro 37J34	5	V	3.4	NA	Rps 1c	PI88788	1	GR	None
Dyna-Gro 37P49	2	V	4.9	1	Rps 1a	NA	2	GR	None
Dyna-Gro 38C42	5	V	4.2	NA	S	PI88788	3	GR	None
Dyna-Gro 38X47	2	V	4.7	2	S	NA	3	GR	None
Dyna-Gro 39F51	2	V	5.1	3	S	NA	3	GR	None
Dyna-Gro DG3362NRR	5	V	3.6	4	Rps 1k	S	2	GR	None
Dyna-Gro DG3468NRR	5	V	4.6	3	S	PI88788	3	GR	None
Dyna-Gro SX06856	2	V	5.6	2	Rps 1c	NA	3	GR	None
FFR 4526	3	BR	4.5	2	S	PI88788	3	GR	None
FFR 4767	3	BR	4.7	2	Rps 1c	PI88788	2	GR	None
FFR 4886	3	BR	4.9	2	S	PI88788	2	GR,STS	None
FFR 5116	3	BR	5.1	2	Rps 1c	PI88788	4	GR,STS	None
FFR 5663	3	BR	5.5	2	S	PI88788	2	GR	None
Gateway 4R495	2	BR	4.9	4	S	NA	3	GR	HO
Gateway 4RS477	2	BR	4.7	4	S	PI88788	2	GR,STS	None
Gateway 5R501	2	BR	5.0	2	RP 1k	PI88788	3	GR	None
Hornbeck HBK C4147	3, 8	BR	4.1	NA	NA	NA	NA	None	None
Hornbeck HBK R3824	3, 8	BR	3.9	1	S	PI88788	2	GR	None
Hornbeck HBK R4527	3, 8	BR	4.5	1	NA	NA	NA	GR	None
Hornbeck HBK R4727	3, 8	BR	4.7	3	Rps 1c	PI88788	2	GR	None
Hornbeck HBK R4924	3, 8	BR	4.9	6	S	PI88788	3	GR	None
Hornbeck HBK R5226	3, 8	BR	5.2	3	S	PI88788	6	GR	None
Hornbeck HBK R5425	3, 8	BR	5.4	1	S	PI88788	3	GR	None
Hornbeck HBK R5525	3, 8	BR	5.5	1	S	PI88788	3	GR	None
Hornbeck HBK RS5227	3, 8	BR	5.2	2	Rps 1c	PI88788	2	GR	None
Jake	3, 8	V	5.4	3	S	Hartwig	3	None	None
JGL EXP JG49	2	V	4.9	2	S	PI88788	2	GR	None
Kruger K-315RR/SCN	5	BR	3.1	3	Rps 1c	PI88788	5	GR	None
Kruger K-316RR/SCN	5	BR	3.1	3	NA	PI88788	4	GR	None
Kruger K-321RR/SCN/LINO	5	BR	3.2	5	S	PI88788	5	GR	None
Kruger K-328RR	5	BR	3.2	NA	Rps 1c	S	4	GR	None
Kruger K-333RR/SCN	5	BR	3.3	3	Rps 1k	PI88788	5	GR	None
Kruger K-340RR/SCN	5	BR	3.4	4	Rps 1k	PI88788	5	GR	None
Kruger K-341RR/SCN	5	BR	3.4	4	Rps 1k	PI88788	5	GR	None
Kruger K-348RR/SCN	5	BR	3.4	5	Rps 1c	PI88788	7	GR	None
Kruger K-363RR/SCN	5	BR	3.7	3	S	PI88788	5	GR	None
Kruger K-382RR/SCN	5	BR	3.8	4	S	PI88788	5	GR	None
Kruger K-384RR/SCN	5	BR	3.8	4	Rps 1c	PI88788	4	GR	None
Kruger K-389RR/SCN	5	BR	3.9	3	Rps 1c	PI88788	5	GR	None
Kruger K-410RR/SCN	5	BR	4.0	3	S	PI88788	6	GR	None
Kruger K-433RR/SCN	5	BR	4.3	4	S	PI88788	3	GR	None
Kruger K-476RR/SCN	5	BR	4.6	NA	NA	PI88788	3	GR	None
Kruger K-478RR/SCN	5	BR	4.7	4	Rps 1a	PI88788	3	GR	None
Kruger KY3817RN	5	BR	3.7	4	NA	PI88788	6	GR	None
Lewis 3698	6, 11	V	3.6	2	Rps 1c	PI88788	2	GR	None
Lewis 3827	6, 11	V	3.8	3	S	PI88788	3	GR	None
Lewis 3908	6, 11	V	3.9	2	Rps 1c	PI88788	2	GR	None
Lewis 3968	6, 11	V	3.9	2	Rps 1c	PI88788	2	GR	None

Variety	Seed Treat.	Variety/ Brand	Mat. Group	Phyto. Field Tolerance	Phyto. Gene	SCN Source	SDS Rating	Herb. Res.	Special Traits
Lewis 4207	6, 11	V	4.2	3	S	PI88788	3	GR	None
Lewis 4395	6, 11	V	4.3	3	S	PI88788	3	GR	None
Lewis 4408	6, 11	V	4.4	3	S	PI88788	3	GR	None
LG C3988NRR	3, 8	BR	3.9	1	Rps 1c	PI88788	2	GR	None
Mersch. Austin 643RR	1, 11	BR	4.3	3	S	PI88788	4	GR,STS	None
Mersch. Coolidge 734RR	1, 11	BR	3.4	3	Rps 1k	PI88788	4	GR	None
Mersch. Dallas RR	1, 11	BR	4.8	4	S	PI88788	3	GR	None
Mersch. Denver 742RR	1, 11	BR	4.2	3	S	PI88788	4	GR,STS	None
Mersch. Everest 755RR	1, 11	BR	5.5	3	Rps 1a	PI88788	4	GR,STS	None
Mersch. Houston 747RR	1, 11	BR	4.7	3	S	PI88788	3	GR,STS	None
Mersch. Kennedy 836RR	1, 11	BR	3.6	3	Rps 1c	PI88788	4	GR	None
Mersch. Memphis 642RR	1, 11	BR	4.2	3	S	PI88788	4	GR	None
Mersch. Monroe 735RR	1, 11	BR	3.5	3	S	PI88788	4	GR	None
Mersch. Nashville 749RR	1, 11	BR	4.9	3	Rps 1a	PI88788	4	GR,STS	None
Mersch. Norfolk 741RR	1, 11	BR	4.1	3	S	PI88788	4	GR,STS	None
Mersch. Olympus 854RR	1, 11	BR	5.4	3	S	PI88788	4	GR	None
Mersch. Richmond 649RR	1, 11	BR	4.9	3	S	PI88788	3	GR	None
Mersch. Rocky RR	1, 11	BR	4.6	3	S	PI88788	3	GR,STS	None
Mersch. Roosevelt 737RR	1, 11	BR	3.7	3	S	PI88788	5	GR	None
Mersch. Rushmore 750RR	1, 11	BR	5.0	3	Rps 1c	PI88788	4	GR	None
Midland MG 3618NRR	11	BR	3.6	3	Rps 1c	PI88788	2	GR	None
Midland MG 3628NRR	11	BR	3.5	3	S	PI88788	4	GR	None
Midland MG 3738NRR	11	BR	3.7	3	Rps 1c	PI88788	3	GR	None
Midland MG 3948NRR	11	BR	3.9	3	S	PI88788	3	GR	None
Midland MG 3958NRS	11	BR	3.9	3	S	PI88788	3	GR	None
Midland MG 4157NRS	11	BR	4.1	3	S	PI88788	3	GR	None
Midland MG 4367NRR	11	BR	4.3	3	S	PI88788	2	GR	None
Midland MG 4477NRR	11	BR	4.4	3	Rps 1c	PI88788	3	GR	None
Midland MG 4768NRR	11	BR	4.7	4	Rps 1c	PI88788	4	GR	None
Midland MG 4806NRS	11	BR	4.8	3	Rps 1a	PI88788	4	GR	None
Midland MG 4878RR	11	BR	4.8	4	Rps 1a	S	3	GR	None
Midland MG 9A385NRS	11	BR	3.8	3	Rps 1c	PI88788	3	GR	None
Midwest Seed Gen. GR3934	None	BR	3.9	4	Rps 1c	PI88788	2	GR	None
Midwest Seed Gen. GR4455	None	BR	4.4	3	S	PI88788	3	GR	None
Midwest Seed Gen. GR4531	None	BR	4.5	3	Rps 1a	PI88788	2	GR,STS	None
Midwest Seed Gen. GR5331	None	BR	5.3	3	S	PI88788	3	GR,STS	None
Morsoy RT 3636N	2, 5	BR	3.6	2	S	PI88788	2	GR	None
Morsoy RT 3737N	2, 5	BR	3.7	3	Rps 1c	PI88788	3	GR	None
Morsoy RT 3804N	2, 5	BR	3.8	2	Rps 1c	PI88788	3	GR	None
Morsoy RT 3807N	2, 5	BR	3.8	3	Rps 1c	PI88788	3	GR	None
Morsoy RT 3887N	2, 5	BR	3.8	2	Rps 1c	PI88788	3	GR	None
Morsoy RT 3936N	2, 5	BR	3.9	2	Rps 1c	PI88788	2	GR	None
Morsoy RT 3966N	None	BR	3.9	2	Rps 1c	PI88788	2	GR	None
Morsoy RT 3966N+	11	BR	3.9	2	Rps 1c	PI88788	2	GR	None
Morsoy RT 4107N	2, 5	BR	4.1	2	S	PI88788	2	GR	None
Morsoy RT 4126N	2, 5	BR	4.1	2	S	PI88788	2	GR	None
Morsoy RT 4201N	2, 5	BR	4.2	4	S	PI88788	3	GR	None
Morsoy RT 4327N	2, 5	BR	4.3	4	S	PI88788	5	GR	None
Morsoy RT 4345N	2, 5	BR	4.3	4	Rps 1a	PI88788	3	GR	None
Morsoy RT 4446N	2, 5	BR	4.4	2	Rps 1c	PI88788	4	GR	None
Morsoy RT 4485N	2	BR	4.4	2	S	PI88788	3	GR	None
Morsoy RT 4707N	2	BR	4.7	3	Rps 1c	PI88788	2	GR	None
Morsoy RT 4731N	None	BR	4.7	3	S	PI88788	6	GR	None
Morsoy RT 4731N+	11	BR	4.7	3	S	PI88788	6	GR	None

Variety	Seed Treat.	Variety/ Brand	Mat. Group	Phyto. Field Tolerance	Phyto. Gene	SCN Source	SDS Rating	Herb. Res.	Special Traits
Morsoy RT 4806N	2	BR	4.8	3	S	PI88788	3	GR	None
Morsoy RT 4914N	2	BR	4.9	2	S	PI88788	3	GR	None
Morsoy RT 5107N	2	BR	5.1	2	S	PI88788	2	GR	None
Morsoy RT 5154N	2, 5	BR	5.1	3	S	PI88788	2	GR	None
Morsoy RT 5306N	2	BR	5.3	2	S	PI88788	3	GR	None
Morsoy RT 5307N	2	BR	5.3	2	S	PI88788	2	GR	None
Morsoy RT 5407N	2	BR	5.4	2	S	PI88788	2	GR	None
Morsoy RT 5506N	2	BR	5.5	2	Rps 1c	PI88788	2	GR	None
Morsoy RTS 4556N	2	BR	4.5	3	S	PI88788	4	GR	None
Morsoy RTS 4706N	2	BR	4.7	2	S	PI88788	2	GR	None
Morsoy RTS 4824	2, 5	BR	4.8	3	Rps 1a	S	3	GR,STS	None
Morsoy RTS 4955N	2	BR	4.9	3	Rps 1k	PI88788	2	GR	None
MPride/MPV 3805nRR/STS	NA	BR	3.8	3	Rps 1c	PI88788	3	GR,STS	None
MPride/MPV 3808nRR	NA	BR	3.8	3	Rps 1c	PI88788	3	GR	None
MPride/MPV 3908nRR/STS	NA	BR	3.9	3	S	PI88788	3	GR,STS	None
MPride/MPV 415CN	NA	BR	4.1	5	S	NA	4	None	None
MPride/MPV 4406nRR	NA	BR	4.4	4	S	PI88788	4	GR	None
MPride/MPV 4707nRR/STS	NA	BR	4.7	4	S	PI88788	3	GR,STS	None
MPride/MPV 4808nRR/STS	NA	BR	4.8	3	S	NA	6	GR	None
MPride/MPV 4907nRR/STS	NA	BR	4.9	4	S	PI88788	4	GR,STS	None
MPride/MPV 5308nRR	NA	BR	5.3	3	S	NA	4	GR	None
MPride/MPV 5407nRR	NA	BR	5.4	4	S	NA	4	GR	None
MPride/MPV 5408nRR	NA	BR	5.4	4	S	NA	5	GR	None
MPride/MPV 5505nRR/STS	NA	BR	5.5	5	S	NA	3	GR,STS	None
MPride/MPV EXP 55-7	NA	BR	5.5	NA	NA	NA	NA	GR	NA
NC+ 3A79RR	None	BR	3.7	3	S	PI88788	3	GR	None
NC+ 3A85RS	None	BR	3.8	3	Rps 1c	PI88788	4	GR	None
NC+ 3A93RR	None	BR	3.9	4	Rps 1c	PI88788	3	GR	None
NC+ 4A65RS	None	BR	4.6	4	Rps 1a	PI88788	4	GR,STS	None
NK Brand S46-U6	None	V	4.6	4	Rps 1c	PI88788	7	GR	None
NK Brand S33-A8	5	V	3.3	4	S	PI88788	4	GR	None
NK Brand S36-C7	5	V	3.6	3	Rps 1c	PI88788	4	GR	HP
NK Brand S37-F7	5	V	3.7	2	S	PI88788	3	GR	HP
NK Brand S37-P5	5	V	3.7	5	S	PI88788	3	GR	HP
NK Brand S38-D5	5	V	3.8	3	Rps 1c	PI88788	4	GR	HP
NK Brand S39-A3	5	V	3.9	3	S	PI88788	2	GR	HP
NK Brand S43-B1	5	V	4.3	3	Rps 1c	PI88788	3	GR	None
NK Brand S45-E5	None	V	4.5	5	Rps 1k	PI88788	5	GR	None
NK Brand S49-H7	None	V	4.9	3	S	PI88788	5	GR	None
NK Brand S49-Q9	None	V	4.9	4	Rps 1c	PI88788	5	GR	None
NuTech NT-3777+ RR/SCN	5	BR	3.7	4	S	S	3	GR	None
NuTech NT-3888 RR/SCN	5	BR	3.8	2	S	PI88788	2	GR	None
NuTech NT-3909+ RR/SCN	5	BR	3.9	NA	Rps 1c	PI88788	3	GR	None
NuTech NT-4242 RR/SCN	5	BR	4.2	4	NA	PI88788	5	GR	None
NuTech NT-4444+ RR/SCN	5	BR	4.4	4	NA	PI88788	5	GR	None
NuTech NT-7345	5	BR	3.4	NA	Rps 1c	PI88788	4	GR	None
NuTech NT-7366	2	BR	3.6	NA	Rps 1k	PI88788	3	GR	None
NuTech NT-7366+	5	BR	3.6	NA	Rps 1k	PI88788	3	GR	None
NuTech NT-7368	5	BR	3.6	3	NA	PI88788	4	GR	None
NuTech NT-7399	5	BR	3.9	NA	Rps 1c	PI88788	3	GR	None
NuTech NT-7406	5	BR	4.0	3	NA	PI88788	5	GR	None
NuTech NT-7417	5	BR	4.1	3	NA	PI88788	3	GR	None
NuTech NT-7438	5	BR	4.3	4	NA	PI88788	5	GR	None
NuTech NT-7443	5	BR	4.4	4	NA	PI88788	5	GR	None

Variety	Seed Treat.	Variety/ Brand	Mat. Group	Phyto. Field Tolerance	Phyto. Gene	SCN Source	SDS Rating	Herb. Res.	Special Traits
NuTech NT-7476	5	BR	4.7	NA	NA	PI88788	NA	GR	None
Pioneer 93M61	3, 4, 8	V	3.6	3	Rps 1k	PI88788	3	GR	None
Pioneer 93M96	3, 4, 8	V	3.9	5	Rps 1k	PI88788	5	GR	None
Pioneer 94B73	2	V	4.7	5	Rps 1k	NA	6	GR	None
Pioneer 94M30	3, 4, 8	V	4.3	4	Rps 1k	PI88788	2	GR	None
Pioneer 94M31	2	V	4.3	5	Rps 1k	PI88788	4	GR	None
Pioneer 94M50	3, 4, 8	V	4.5	4	Rps 1a	PI88788	5	GR	None
Pioneer 94M80	3, 4, 8	V	4.8	2	S	PI88788	2	GR	None
Pioneer 95M50	2	V	5.5	3	S	PI88788	NA	GR	None
Pioneer 95M82	2	V	5.8	NA	NA	NA	NA	GR	None
Prairie Brand PB-3637NRR	5	BR	3.6	4	Rps 1c	PI88788	2	GR	None
Prairie Brand PB-3796NRR	5	BR	3.7	3	S	PI88788	4	GR	None
Prairie Brand PB-3894NRRSTS	5	BR	3.8	5	Rps 1c	PI88788	3	GR	None
Prairie Brand PB-3997NRRSTS	5	BR	3.9	3	Rps 1c	PI88788	3	GR	None
Prairie Brand PB-4036NRRSTS	5	BR	4.0	4	S	PI88788	4	GR	None
Prairie Brand PB-4157NRRSTS	5	BR	4.1	4	S	PI88788	4	GR	None
Prairie Brand PB-4477NRRSTS	5	BR	4.4	5	S	PI88788	3	GR	None
Progeny 3900 RR	3, 8	BR	3.9	3	Rps 1a	NA	3	GR	None
Progeny 4206 RR	3, 8	BR	4.2	NA	NA	NA	5	GR	None
Progeny 4507 RR	3, 8	BR	4.5	NA	NA	NA	NA	GR	None
Progeny 4606 RR	3, 8	BR	4.6	NA	NA	NA	3	GR	None
Progeny 4706 RR	3, 8	BR	4.7	NA	NA	NA	4	GR	None
Progeny 4804 RR	3, 8	BR	4.8	6	NA	NA	3	GR	None
Progeny 4807 RR	3, 8	BR	4.8	NA	NA	NA	NA	GR	None
Progeny 4817 RR	3, 8	BR	4.8	NA	NA	NA	NA	GR	None
Progeny 4906 RR	3, 8	BR	4.9	NA	NA	NA	3	GR	None
Progeny 4949 RR	3, 8	BR	4.9	5	NA	NA	5	GR	None
Progeny 5107 RR	3, 8	BR	5.1	NA	NA	NA	NA	GR	None
Progeny 5115 RR	3, 8	BR	5.1	4	NA	NA	NA	GR	None
Progeny 5207 RR	3, 8	BR	5.2	NA	NA	NA	NA	GR	None
Progeny 5307 RR	3, 8	BR	5.3	NA	NA	NA	NA	GR	None
Progeny 5407 RR	3, 8	BR	5.4	NA	NA	NA	NA	GR	None
Progeny 5507 RR	3, 8	BR	5.5	NA	NA	NA	NA	GR	None
Progeny 5650	3, 8	BR	5.6	3	Rps 1k	NA	4	GR	None
Renze R3726RR	5	BR	3.7	3	S	S	3	GR	None
Renze R3788RRcn	NA	BR	3.7	3	Rps 1c	PI88788	2	GR	None
Renze R3797RRcn	5	BR	3.7	3	S	PI88788	3	GR	None
Renze R3835SRcn	5	BR	3.8	3	Rps 1c	PI88788	2	GR	None
Renze R4038SRcn	NA	BR	4.0	3	S	PI88788	3	GR	None
Schillinger 435.TCS	None	V	4.3	2	S	PI88788	2	STS	MP
Schillinger 446F.HP	None	V	4.2	2	S	S	2	STS	HP
Schillinger 457.RCP	2	V	4.5	2	Rps 1c	PI88788	3	GR	None
Schillinger 467.RCP	2	V	4.6	2	Rps 1k	PI88788	3	GR	None
Schillinger 495.RC	2	V	4.9	2	S	PI88788	3	GR	None
Schillinger 557.RC	2	V	5.5	2	S	PI88788	3	GR	None
Schillinger XP38LL	None	V	3.8	2	S	PI88788	2	GR	LL
Southern Cross Benjamin	2	V	4.3	2	Rps 1c	PI88788	1	None	None
Southern Cross Caleb	2	V	4.4	2	NA	PI88788	3	GR,STS	None
Southern Cross Damascus	2	V	5.0	3	NA	PI88788	3	GR	None
Southern Cross Eli	2	V	4.7	6	S	PI88788	4	GR,STS	None
Southern Cross Galilee	2	V	4.7	2	Rps 1c	PI88788	2	GR	None
Southern Cross Hiram	2	V	4.9	2	NA	PI88788	2	GR	None
Stine 3620-4	None	BR	3.6	2	Rps 1c	PI88788	2	GR	None
Stine 4020-4	None	BR	4.0	2	S	PI88788	2	GR,STS	None

Variety	Seed Treat.	Variety/ Brand	Mat. Group	Phyto. Field Tolerance	Phyto. Gene	SCN Source	SDS Rating	Herb. Res.	Special Traits
Stine 4182-4	None	BR	4.2	2	S	PI88788	2	GR,STS	None
Stine 4392-4	None	BR	4.3	2	S	PI88788	2	GR,STS	None
Stine 4782-4	None	BR	4.7	2	S	PI88788	2	GR,STS	None
Stine 5202-4	None	BR	4.9	2	Rps 1a	PI88788	2	GR	None
Stoddard	3, 8	V	4.9	3	S	Hartwig	3	None	None
Stone 2346NRR	3	BR	3.4	3	Rps 1c	PI88788	2	GR	None
Stone 2377NRR	3	BR	3.7	3	Rps 1c	PI88788	3	GR	None
Stone 2385NRR	3	BR	3.8	5	S	PI88788	2	GR	None
Stone 2405NRR	3	BR	4.0	4	Rps 1a	PI88788	2	GR	None
Stone 2475NRR	3	BR	4.6	4	Rps 1a	PI88788	3	GR,STS	None
Taylor 353RR	6, 10	BR	3.6	2	S	S	2	GR	None
Taylor 398RRS	6, 10	BR	3.9	2	Rps 1k	PI88788	2	GR	None
Trisoy 4227RR(CN)	None	V	4.2	4	S	PI88788	3	GR,STS	None
Trisoy 4760RR(CN)	None	V	4.7	2	S	PI88788	3	GR	None
UniSouth USG 5601T	2, 4	BR	5.6	NA	NA	NA	NA	None	None
UniSouth USG 7440nRR	2, 4	BR	4.4	3	NA	PI88788	NA	GR	None
UniSouth USG 7466nRR	2, 4	BR	4.6	NA	NA	PI88788	NA	GR	None
UniSouth USG 7494nRR	2, 4	BR	4.9	NA	NA	PI88788	NA	GR	None
UniSouth USG 7495nRS	2, 4	BR	4.9	2	NA	PI88788	NA	GR,STS	None
UniSouth USG 74A27	2, 4	BR	4.2	NA	NA	PI88788	6	GR	None
UniSouth USG 74F78	2, 4	BR	4.7	2	NA	PI88788	2	GR	None
UniSouth USG 7515nRS	2, 4	BR	5.1	2	NA	PI88788	NA	GR,STS	None
UniSouth USG 7553nRS	2, 4	BR	5.5	3	NA	PI88788	NA	GR,STS	None
UniSouth USG 75J17	2, 4	BR	5.1	2	NA	PI88788	6	GR	None
UniSouth USG 75J32	2, 4	BR	5.3	2	NA	PI88788	NA	GR	None
UniSouth USG 75J47	2, 4	BR	5.4	2	NA	PI88788	2	GR	None
UniSouth USG Allen	2, 4	BR	5.6	4	NA	NA	NA	GR	None
Willcross RR2338NEXP	2	BR	3.3	3	S	PI88788	NA	GR	None
Willcross RR2367NR	2	BR	3.6	NA	Rps 1c	PI88788	NA	GR	None
Willcross RR2378N	2	BR	3.7	4	S	PI88788	NA	GR	None
Willcross RR2385N	2	BR	3.8	3	Rps 1c	PI88788	NA	GR	None
Willcross RR2386	2	BR	3.8	4	S	PI88788	NA	GR	None
Willcross RR2387N	2	BR	3.8	4	S	PI88788	NA	GR	None
Willcross RR2397N	2	BR	3.9	3	Rps 1c	PI88788	NA	GR	None
Willcross RR2428N	11	BR	4.2	3	S	PI88788	NA	GR	None
Willcross RR2446N	11	BR	4.4	4	NA	PI88788	2	GR	None
Willcross RR2460NB	11	BR	4.6	2	NA	NA	2	GR	None
Willcross RR2460NS	11	BR	4.6	2	NA	NA	2	GR	None
Willcross RR2499N	11	BR	4.9	2	XG 1k	NA	2	GR	None
Willcross RR2509N	11	BR	5.0	2	NA	NA	2	GR	None
Willcross RR2519NSTS	11	BR	5.1	2	Rps 1c	NA	2	GR,STS	None
Willcross RR2544NSTS	11	BR	5.4	3	S	NA	2	GR,STS	None

* Descriptions were provided by the companies submitting them for evaluation

NA – Information Not Available

Seed Treatment: Seed Treatments: 1= Allegiance (Metalaxyl); 2= Apron Maxx (Mefenoxam, Fludioxonil); 3= Apron XL (Mefenoxam); 4= Cruiser (Thiamethoxam); 5= Cruiser Maxx (Thiamethoxam, Fludioxonil, Mefenoxam); 6= Dynasty (Azoxystrobin); 7= Gaucho (Imidacloprid) 8= Maxim XL (Fludioxonil); 9= Molybdenum; 10= Soygard (Metalaxyl, Azoxystrobin); 11= Trilex (Trifloxystrobin); 12= Warden (Mefenoxam, Fludioxonil)

Variety/ Brand: V for variety, BR for brand

Maturity Group: Relative Maturity Group

Phytophthora Field Tolerance: Scale 1-9 (1 = excel, 9 = poor)

Phytophthora Gene: (Rps 1a, Rps 1c, Rps 1k, Rps 3a, S = None)

Cyst Nematode Source: CystX, Peking, PI88788, Hartwig, or S=Susceptible

SDS Rating: Scale 1-9 (1 = excel, 9 = poor)

Herbicide Resistance: GR (glyphosate), STS, or None

Special Traits: HO=High Oil; HP=High Protein; LL=Low Linolenic; MP=Mod Protein

Table Numbers for Varieties Entered in the 2007 Missouri Soybean Tests

Variety	Table Numbers
Armor 47-F8	34, 35, 36, 37, 38, 39
Armor 49-V6	34, 35, 36, 37, 38, 39
Armor 52-U2	34, 35, 36, 37, 38, 39
Armor 54-A5	34, 35, 36, 37, 38, 39
Armor GP-533	34, 35, 36, 37, 38, 39
Armor X4560	34, 35, 36, 37, 38, 39
Armor X5350	34, 35, 36, 37, 38, 39
Asgrow AG3205	2, 3, 4, 5, 6, 7
Asgrow AG3504	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Asgrow AG3603	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Asgrow AG3705	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Asgrow AG3803	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 34, 35, 36, 37, 38, 39
Asgrow AG3905	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26
Asgrow AG4103	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26
Asgrow AG4404	14, 15, 16, 17, 18, 19
Asgrow AG4405	14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
Asgrow AG4605	21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
Asgrow AG4703	21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
Asgrow AG4903	21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
Asgrow AG5301	34, 35, 36, 37, 38, 39
Asgrow DKB46-51	21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
Asoyia 3027RR	2, 3, 4, 5, 6, 7
Asoyia 3106SCN	8, 9, 10, 11, 12
Asoyia 3217RR	2, 3, 4, 5, 6, 7
Asoyia 3257	8, 9, 10, 11, 12
Asoyia 3407RR	2, 3, 4, 5, 6, 7
Asoyia 3517SCN	8, 9, 10, 11, 12
Asoyia 3757RR	2, 3, 4, 5, 6, 7
Asoyia 3867SCN	8, 9, 10, 11, 12
Bio Gene BG 3708RN	2, 3, 4, 5, 6, 7
Bio Gene BG 4408RSN	14, 15, 16, 17, 18, 19
BioGene BG 3807RN	2, 3, 4, 5, 6, 7
Croplan Genetics RC3864	14, 15, 16, 17, 18, 19
Croplan Genetics RC3935	34, 35, 36, 37, 38, 39
Croplan Genetics RC4104	14, 15, 16, 17, 18, 19
Croplan Genetics RC4432	21, 22, 23, 24, 25, 26
Croplan Genetics RC4455	14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
Croplan Genetics RC4955	34, 35, 36, 37, 38, 39
Croplan Genetics RC5007 S	34, 35, 36, 37, 38, 39
Crow's C3817R	2, 3, 4, 5, 6, 7
Crow's C3916R	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Crow's C4717R	34, 35, 36, 37, 38, 39
Crow's C4815R	34, 35, 36, 37, 38, 39
Dairyland 8396RR	34, 35, 36, 37, 38, 39
Dairyland 8450RR	34, 35, 36, 37, 38, 39
Dairyland 8474RR	34, 35, 36, 37, 38, 39
Dairyland 8482RR	34, 35, 36, 37, 38, 39
Dairyland 8509RR	34, 35, 36, 37, 38, 39
Dairyland 8512RR	34, 35, 36, 37, 38, 39
Delta Grow 4150RR	34, 35, 36, 37, 38, 39
Delta Grow 4460RR	34, 35, 36, 37, 38, 39
Delta Grow 4470RR/STS	34, 35, 36, 37, 38, 39
Delta Grow 4660RR	34, 35, 36, 37, 38, 39
Delta Grow 4770RR	34, 35, 36, 37, 38, 39

Variety	Table Numbers
Delta Grow 4780RR	34, 35, 36, 37, 38, 39
Delta Grow 4840RR	34, 35, 36, 37, 38, 39
Delta Grow 4860RR	34, 35, 36, 37, 38, 39
Delta Grow 4960RR	34, 35, 36, 37, 38, 39
Delta Grow 4970RR	34, 35, 36, 37, 38, 39
Delta Grow 4975 LARR	34, 35, 36, 37, 38, 39
Delta Grow 5160RR/STS	34, 35, 36, 37, 38, 39
Delta Grow 5270RR	34, 35, 36, 37, 38, 39
Delta Grow 5300RR	34, 35, 36, 37, 38, 39
Delta Grow 5470RR/STS	34, 35, 36, 37, 38, 39
Delta Grow 5570 RR	34, 35, 36, 37, 38, 39
Delta Grow 5630RR	34, 35, 36, 37, 38, 39
Delta King DK4567	34, 35, 36, 37, 38, 39
Delta King DK4667	34, 35, 36, 37, 38, 39
Delta King DK4763	34, 35, 36, 37, 38, 39
Delta King DK4866	34, 35, 36, 37, 38, 39
Delta King DK4967	34, 35, 36, 37, 38, 39
Delta King DK4968	34, 35, 36, 37, 38, 39
Delta King DK5066	34, 35, 36, 37, 38, 39
Delta King DK5068	34, 35, 36, 37, 38, 39
Delta King DK5161	34, 35, 36, 37, 38, 39
Delta King DK52K6	34, 35, 36, 37, 38, 39
Delta King DK5366	34, 35, 36, 37, 38, 39
Delta King DK5368	34, 35, 36, 37, 38, 39
Delta King DK5567	34, 35, 36, 37, 38, 39
Delta King DK55T6	34, 35, 36, 37, 38, 39
Delta King DKXTJ847	34, 35, 36, 37, 38, 39
Delta King DKXTJ848	34, 35, 36, 37, 38, 39
Delta King DKXTJ851	34, 35, 36, 37, 38, 39
Delta Pine 07-4950 RR	34, 35, 36, 37, 38, 39
Delta Pine DP 4450 RR	34, 35, 36, 37, 38, 39
Delta Pine DP 4546 RR	34, 35, 36, 37, 38, 39
Delta Pine DP 4724 RR	34, 35, 36, 37, 38, 39
Delta Pine DP 4888 RR/S	34, 35, 36, 37, 38, 39
Delta Pine DP 4919 RR/S	34, 35, 36, 37, 38, 39
Delta Pine DP 5115 RR/S	34, 35, 36, 37, 38, 39
Delta Pine DP 5335 RR/S	34, 35, 36, 37, 38, 39
Delta Pine DP 5634 RR	34, 35, 36, 37, 38, 39
Delta Pine DPX 4334 RR	34, 35, 36, 37, 38, 39
Dyna-Gro 31R54	34, 35, 36, 37, 38, 39
Dyna-Gro 32A53	34, 35, 36, 37, 38, 39
Dyna-Gro 32C38	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Dyna-Gro 32R46	21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
Dyna-Gro 32X39	21, 22, 23, 24, 25, 26
Dyna-Gro 33B52	34, 35, 36, 37, 38, 39
Dyna-Gro 33C59	34, 35, 36, 37, 38, 39
Dyna-Gro 33P54	34, 35, 36, 37, 38, 39
Dyna-Gro 33X55	34, 35, 36, 37, 38, 39
Dyna-Gro 33Y38	21, 22, 23, 24, 25, 26
Dyna-Gro 33Y45	34, 35, 36, 37, 38, 39
Dyna-Gro 34J56	34, 35, 36, 37, 38, 39
Dyna-Gro 3583	34, 35, 36, 37, 38, 39
Dyna-Gro 35D44	21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
Dyna-Gro 35F37	21, 22, 23, 24, 25, 26
Dyna-Gro 35G38	14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26
Dyna-Gro 35Y36	2, 3, 4, 5, 6, 7, 21, 22, 23, 24, 25, 26

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Dyna-Gro 35Z49	34, 35, 36, 37, 38, 39
Dyna-Gro 36N57	34, 35, 36, 37, 38, 39
Dyna-Gro 36Y48	21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
Dyna-Gro 37A44	21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
Dyna-Gro 37J34	2, 3, 4, 5, 6, 7
Dyna-Gro 37P49	34, 35, 36, 37, 38, 39
Dyna-Gro 38C42	14, 15, 16, 17, 18, 19
Dyna-Gro 38X47	34, 35, 36, 37, 38, 39
Dyna-Gro 39F51	34, 35, 36, 37, 38, 39
Dyna-Gro DG3362NRR	21, 22, 23, 24, 25, 26
Dyna-Gro DG3468NRR	21, 22, 23, 24, 25, 26
Dyna-Gro SX06856	34, 35, 36, 37, 38, 39
FFR 4526	34, 35, 36, 37, 38, 39
FFR 4767	34, 35, 36, 37, 38, 39
FFR 4886	34, 35, 36, 37, 38, 39
FFR 5116	34, 35, 36, 37, 38, 39
FFR 5663	34, 35, 36, 37, 38, 39
Gateway 4R495	34, 35, 36, 37, 38, 39
Gateway 4RS477	34, 35, 36, 37, 38, 39
Gateway 5R501	34, 35, 36, 37, 38, 39
High Yield Check 1	8, 9, 10, 11, 12
High Yield Check 2	8, 9, 10, 11, 12
High Yield Check 3	8, 9, 10, 11, 12
High Yield Check 4	27, 28, 29, 30, 31, 32
High Yield Check 5	27, 28, 29, 30, 31, 32
High Yield Check 6	27, 28, 29, 30, 31, 32
High Yield Check 7	40, 41, 42, 43, 44, 45
High Yield Check 8	40, 41, 42, 43, 44, 45
High Yield Check 9	40, 41, 42, 43, 44, 45
Hornbeck HBK C4147	40, 41, 42, 43, 44, 45
Hornbeck HBK R3824	34, 35, 36, 37, 38, 39
Hornbeck HBK R4527	34, 35, 36, 37, 38, 39
Hornbeck HBK R4727	34, 35, 36, 37, 38, 39
Hornbeck HBK R4924	34, 35, 36, 37, 38, 39
Hornbeck HBK R5226	34, 35, 36, 37, 38, 39
Hornbeck HBK R5425	34, 35, 36, 37, 38, 39
Hornbeck HBK R5525	34, 35, 36, 37, 38, 39
Hornbeck HBK RS5227	34, 35, 36, 37, 38, 39
Jake	27, 28, 29, 30, 31, 32, 40, 41, 42, 43, 44, 45
JGL EXP JG49	34, 35, 36, 37, 38, 39
Kruger K-315RR/SCN	2, 3, 4, 5, 6, 7
Kruger K-316RR/SCN	2, 3, 4, 5, 6, 7
Kruger K-321RR/SCN/LINO	2, 3, 4, 5, 6, 7
Kruger K-328RR	2, 3, 4, 5, 6, 7
Kruger K-333RR/SCN	2, 3, 4, 5, 6, 7
Kruger K-340RR/SCN	2, 3, 4, 5, 6, 7
Kruger K-341RR/SCN	2, 3, 4, 5, 6, 7
Kruger K-348RR/SCN	2, 3, 4, 5, 6, 7
Kruger K-363RR/SCN	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26
Kruger K-382RR/SCN	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26
Kruger K-384RR/SCN	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26
Kruger K-389RR/SCN	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26
Kruger K-410RR/SCN	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26
Kruger K-433RR/SCN	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26
Kruger K-476RR/SCN	21, 22, 23, 24, 25, 26
Kruger K-478RR/SCN	21, 22, 23, 24, 25, 26

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Kruger KY3817RN	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26
Lewis 3698	2, 3, 4, 5, 6, 7
Lewis 3827	2, 3, 4, 5, 6, 7
Lewis 3908	2, 3, 4, 5, 6, 7
Lewis 3968	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Lewis 4207	14, 15, 16, 17, 18, 19
Lewis 4395	14, 15, 16, 17, 18, 19
Lewis 4408	14, 15, 16, 17, 18, 19
LG C3988NRR	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Mersch. Austin 643RR	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 34, 35, 36, 37, 38, 39
Mersch. Coolidge 734RR	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Mersch. Dallas RR	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 34, 35, 36, 37, 38, 39
Mersch. Denver 742RR	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 34, 35, 36, 37, 38, 39
Mersch. Everest 755RR	34, 35, 36, 37, 38, 39
Mersch. Houston 747RR	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
Mersch. Kennedy 836RR	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Mersch. Memphis 642RR	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
Mersch. Monroe 735RR	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Mersch. Nashville 749RR	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
Mersch. Norfolk 741RR	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
Mersch. Olympus 854RR	34, 35, 36, 37, 38, 39
Mersch. Richmond 649RR	34, 35, 36, 37, 38, 39
Mersch. Rocky RR	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
Mersch. Roosevelt 737RR	2, 3, 4, 5, 6, 7
Mersch. Rushmore 750RR	34, 35, 36, 37, 38, 39
Midland MG 3618NRR	2, 3, 4, 5, 6, 7
Midland MG 3628NRR	2, 3, 4, 5, 6, 7
Midland MG 3738NRR	14, 15, 16, 17, 18, 19
Midland MG 3948NRR	14, 15, 16, 17, 18, 19
Midland MG 3958NRS	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Midland MG 4157NRS	14, 15, 16, 17, 18, 19
Midland MG 4367NRR	14, 15, 16, 17, 18, 19
Midland MG 4477NRR	14, 15, 16, 17, 18, 19
Midland MG 4768NRR	21, 22, 23, 24, 25, 26
Midland MG 4806NRS	21, 22, 23, 24, 25, 26
Midland MG 4878RR	21, 22, 23, 24, 25, 26
Midland MG 9A385NRS	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Midwest Seed Gen. GR3934	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Midwest Seed Gen. GR4455	14, 15, 16, 17, 18, 19
Midwest Seed Gen. GR4531	21, 22, 23, 24, 25, 26
Midwest Seed Gen. GR5331	21, 22, 23, 24, 25, 26
Morsoy RT 3636N	2, 3, 4, 5, 6, 7
Morsoy RT 3737N	2, 3, 4, 5, 6, 7
Morsoy RT 3804N	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Morsoy RT 3807N	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Morsoy RT 3887N	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Morsoy RT 3936N	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Morsoy RT 3966N	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Morsoy RT 3966N+	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Morsoy RT 4107N	14, 15, 16, 17, 18, 19
Morsoy RT 4126N	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Morsoy RT 4201N	14, 15, 16, 17, 18, 19
Morsoy RT 4327N	14, 15, 16, 17, 18, 19
Morsoy RT 4345N	14, 15, 16, 17, 18, 19
Morsoy RT 4446N	14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26
Morsoy RT 4485N	14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39

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Morsoy RT 4707N	34, 35, 36, 37, 38, 39
Morsoy RT 4731N	21, 22, 23, 24, 25, 26
Morsoy RT 4731N+	21, 22, 23, 24, 25, 26
Morsoy RT 4806N	34, 35, 36, 37, 38, 39
Morsoy RT 4914N	34, 35, 36, 37, 38, 39
Morsoy RT 5107N	34, 35, 36, 37, 38, 39
Morsoy RT 5154N	21, 22, 23, 24, 25, 26
Morsoy RT 5306N	34, 35, 36, 37, 38, 39
Morsoy RT 5307N	34, 35, 36, 37, 38, 39
Morsoy RT 5407N	34, 35, 36, 37, 38, 39
Morsoy RT 5506N	34, 35, 36, 37, 38, 39
Morsoy RTS 4556N	34, 35, 36, 37, 38, 39
Morsoy RTS 4706N	34, 35, 36, 37, 38, 39
Morsoy RTS 4824	21, 22, 23, 24, 25, 26
Morsoy RTS 4955N	34, 35, 36, 37, 38, 39
MPride/MPV 3805nRR/STS	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
MPride/MPV 3808nRR	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
MPride/MPV 3908nRR/STS	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
MPride/MPV 415CN	8, 9, 10, 11, 12, 27, 28, 29, 30, 31, 32
MPride/MPV 4406nRR	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
MPride/MPV 4707nRR/STS	14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
MPride/MPV 4808nRR/STS	34, 35, 36, 37, 38, 39
MPride/MPV 4907nRR/STS	21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
MPride/MPV 5308nRR	34, 35, 36, 37, 38, 39
MPride/MPV 5407nRR	21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
MPride/MPV 5408nRR	34, 35, 36, 37, 38, 39
MPride/MPV 5505nRR/STS	21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
MPride/MPV EXP 55-7	34, 35, 36, 37, 38, 39
NC+ 3A79RR	14, 15, 16, 17, 18, 19
NC+ 3A85RS	14, 15, 16, 17, 18, 19
NC+ 3A93RR	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
NC+ 4A65RS	21, 22, 23, 24, 25, 26
NK Brand S46-U6	21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
NK Brand S33-A8	2, 3, 4, 5, 6, 7
NK Brand S36-C7	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
NK Brand S37-F7	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
NK Brand S37-P5	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
NK Brand S38-D5	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
NK Brand S39-A3	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
NK Brand S43-B1	14, 15, 16, 17, 18, 19
NK Brand S45-E5	14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
NK Brand S49-H7	21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
NK Brand S49-Q9	21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
NuTech NT-3777+ RR/SCN	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
NuTech NT-3888 RR/SCN	2, 3, 4, 5, 6, 7
NuTech NT-3909+ RR/SCN	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
NuTech NT-4242 RR/SCN	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
NuTech NT-4444+ RR/SCN	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
NuTech NT-7345	2, 3, 4, 5, 6, 7
NuTech NT-7366	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
NuTech NT-7366+	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
NuTech NT-7368	2, 3, 4, 5, 6, 7
NuTech NT-7399	2, 3, 4, 5, 6, 7
NuTech NT-7406	2, 3, 4, 5, 6, 7
NuTech NT-7417	2, 3, 4, 5, 6, 7
NuTech NT-7438	2, 3, 4, 5, 6, 7

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NuTech NT-7443	2, 3, 4, 5, 6, 7
NuTech NT-7476	14, 15, 16, 17, 18, 19
Pioneer 93M61	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Pioneer 93M96	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Pioneer 94B73	34, 35, 36, 37, 38, 39
Pioneer 94M30	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
Pioneer 94M31	34, 35, 36, 37, 38, 39
Pioneer 94M50	21, 22, 23, 24, 25, 26
Pioneer 94M80	21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
Pioneer 95M50	34, 35, 36, 37, 38, 39
Pioneer 95M82	34, 35, 36, 37, 38, 39
Prairie Brand PB-3637NRR	2, 3, 4, 5, 6, 7
Prairie Brand PB-3796NRR	2, 3, 4, 5, 6, 7
Prairie Brand PB-3894NRRS	14, 15, 16, 17, 18, 19
Prairie Brand PB-3997NRRS	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Prairie Brand PB-4036NRRS	2, 3, 4, 5, 6, 7
Prairie Brand PB-4157NRRS	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Prairie Brand PB-4477NRRS	14, 15, 16, 17, 18, 19
Progeny 3900 RR	34, 35, 36, 37, 38, 39
Progeny 4206 RR	34, 35, 36, 37, 38, 39
Progeny 4507 RR	34, 35, 36, 37, 38, 39
Progeny 4606 RR	34, 35, 36, 37, 38, 39
Progeny 4706 RR	34, 35, 36, 37, 38, 39
Progeny 4804 RR	34, 35, 36, 37, 38, 39
Progeny 4807 RR	34, 35, 36, 37, 38, 39
Progeny 4817 RR	34, 35, 36, 37, 38, 39
Progeny 4906 RR	34, 35, 36, 37, 38, 39
Progeny 4949 RR	34, 35, 36, 37, 38, 39
Progeny 5107 RR	34, 35, 36, 37, 38, 39
Progeny 5115 RR	34, 35, 36, 37, 38, 39
Progeny 5207 RR	34, 35, 36, 37, 38, 39
Progeny 5307 RR	34, 35, 36, 37, 38, 39
Progeny 5407 RR	34, 35, 36, 37, 38, 39
Progeny 5507 RR	34, 35, 36, 37, 38, 39
Progeny 5650	34, 35, 36, 37, 38, 39
Renze R3726RR	2, 3, 4, 5, 6, 7
Renze R3788RRcn	2, 3, 4, 5, 6, 7
Renze R3797RRcn	2, 3, 4, 5, 6, 7
Renze R3835SRcn	2, 3, 4, 5, 6, 7
Renze R4038SRcn	2, 3, 4, 5, 6, 7
Schillinger 435.TCS	8, 9, 10, 11, 12
Schillinger 446F.HP	8, 9, 10, 11, 12
Schillinger 457.RCP	14, 15, 16, 17, 18, 19, 34, 35, 36, 37, 38, 39
Schillinger 467.RCP	14, 15, 16, 17, 18, 19, 34, 35, 36, 37, 38, 39
Schillinger 495.RC	21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
Schillinger 557.RC	21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
Schillinger XP38LL	8, 9, 10, 11, 12
Southern Cross Benjamin	40, 41, 42, 43, 44, 45
Southern Cross Caleb	34, 35, 36, 37, 38, 39
Southern Cross Damascus	34, 35, 36, 37, 38, 39
Southern Cross Eli	34, 35, 36, 37, 38, 39
Southern Cross Galilee	34, 35, 36, 37, 38, 39
Southern Cross Hiram	34, 35, 36, 37, 38, 39
Stine 3620-4	2, 3, 4, 5, 6, 7
Stine 4020-4	2, 3, 4, 5, 6, 7
Stine 4182-4	14, 15, 16, 17, 18, 19

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Stine 4392-4	14, 15, 16, 17, 18, 19
Stine 4782-4	21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
Stine 5202-4	21, 22, 23, 24, 25, 26, 34, 35, 36, 37, 38, 39
Stoddard	27, 28, 29, 30, 31, 32, 40, 41, 42, 43, 44, 45
Stone 2346NRR	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Stone 2377NRR	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Stone 2385NRR	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Stone 2405NRR	21, 22, 23, 24, 25, 26
Stone 2475NRR	21, 22, 23, 24, 25, 26
Taylor 353RR	2, 3, 4, 5, 6, 7
Taylor 398RRS	2, 3, 4, 5, 6, 7
Trisoy 4227RR(CN)	34, 35, 36, 37, 38, 39
Trisoy 4760RR(CN)	34, 35, 36, 37, 38, 39
UniSouth USG 5601T	40, 41, 42, 43, 44, 45
UniSouth USG 7440nRR	34, 35, 36, 37, 38, 39
UniSouth USG 7466nRR	34, 35, 36, 37, 38, 39
UniSouth USG 7494nRR	34, 35, 36, 37, 38, 39
UniSouth USG 7495nRS	34, 35, 36, 37, 38, 39
UniSouth USG 74A27	34, 35, 36, 37, 38, 39
UniSouth USG 74F78	34, 35, 36, 37, 38, 39
UniSouth USG 7515nRS	34, 35, 36, 37, 38, 39
UniSouth USG 7553nRS	34, 35, 36, 37, 38, 39
UniSouth USG 75J17	34, 35, 36, 37, 38, 39
UniSouth USG 75J32	34, 35, 36, 37, 38, 39
UniSouth USG 75J47	34, 35, 36, 37, 38, 39
UniSouth USG Allen	34, 35, 36, 37, 38, 39
Willcross RR2338NEXP	2, 3, 4, 5, 6, 7
Willcross RR2367NR	2, 3, 4, 5, 6, 7
Willcross RR2378N	2, 3, 4, 5, 6, 7
Willcross RR2385N	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Willcross RR2386	2, 3, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19
Willcross RR2387N	14, 15, 16, 17, 18, 19
Willcross RR2397N	14, 15, 16, 17, 18, 19
Willcross RR2428N	14, 15, 16, 17, 18, 19
Willcross RR2446N	14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26
Willcross RR2460NB	21, 22, 23, 24, 25, 26
Willcross RR2460NS	21, 22, 23, 24, 25, 26
Willcross RR2499N	21, 22, 23, 24, 25, 26
Willcross RR2509N	21, 22, 23, 24, 25, 26
Willcross RR2519NSTS	21, 22, 23, 24, 25, 26
Willcross RR2544NSTS	21, 22, 23, 24, 25, 26

Sources for Varieties Entered in the 2007 Missouri Soybean Tests

Brand	Company and Address	Phone Number	URL
Armor	Armor Seed Co., PO Box 9 Waldenburg, AR 72475	870-579-2286	armorbeans.com
Asgrow	Monsanto Seed Co., 800 N. Lindbergh Blvd. St. Louis, MO 63167	815-754-4809	monsanto.com
Asoyia	Asoyia LLC, 102 South Locust Winfield, IA 52659	319-527-3400	asoyia.com
Bio Gene	Bio Gene Seeds 5477 Tri County Hwy Sardinia, OH 45171	937-444-6422	biogeneseeds.com
Croplan Gen.	Croplan Genetics, PO Box 64281 St. Paul, MN 55164	816-896-8817	croplangenetics.com
Croplan Gen.	Croplan Genetics, 298 Taylor Road Clinton, KY 42031	270-207-0190	croplangenetics.com
Crow 's	Crow's Hybrid Corn CO., 612 E Dunlap S Kentland, IN 47951	515-597-5903	crowshybrid.com
Delta Grow	Delta Grow Seed Co., P.O. Box 219, 220 NW 2nd England, AR 72046	501-842-2572	deltagrow.com
Delta King	Delta King Seed Co., 522 Poplar Ave., Box 970 McCrory, AR 72101	870-731-2992	deltakingseed.com
Deltapine	Delta & Pine Land Co., 103 Longfellow Lane Victoria, TX 77904	316-571-4234	deltaandpine.com
Dyna-Gro	UAP, 57 Germantown Crt., Suite 200 Cordova, TN 38018	901-755-7566	dyna-groseed.com
Dyna-Gro	UAP Dyna Gro, 15969 Hwy J. Bowling Green, MO 63334	573-324-5932	dyna-groseed.com
Dyna-Gro	UAP Dyna-Gro Seed, 1506 W Wall Harrisonville, MO 6470	308-237-5194	dyna-groseed.com
Excel Brand	Excel Brand, 116 E. State St. Camp Point, IL 62320	515-233-9610	
FFR	FFR Seed, 969 Cloverleaf Dr. Southaven, MS 38671	901-652-0903	ourcoop.com
Gateway	Gateway Seed Co., 5517 Van Buren Rd. Nashville, IL 62263	618-327-8000	gatewayseeds.com
Hornbeck	Hornbeck Seed Co. Inc., Box 472, 210 Drier Rd. DeWitt, AR 72042	870-946-2087	hbksseed.com
Kruger	Kruger Seed Co., Hwy 20 E, Box A Dike, IA 50624	800-772-2721	krugerseed.com
Lewis	Lewis Hybrids, Inc., 530 W. Maple St. Ursa, IL 62376	800-252-7851	lewishybrids.com
LG Seeds	LG Seeds, 22827 Shissler Rd Elmwood, IL 61529	309-945-3105	lgseeds.com
Merschman	Merschman Seed Inc., 103 Ave. D. West Point, IA 52656	319-837-6111	merschmanseeds.com
Midland	Midland Genetics, 1906 Kingman Rd. Ottawa, KS 66067	785-242-3598	midlandgenetics.com
Midwest	Midwest Seed Genetics, PO Box 518 Carroll, IA 51401	800-369-8218	midwestseed.com
MO Crop Improvement	MO Crop Improvement Assoc., 3211 Lemone Ind. BLVD. Columbia, MO 65201	573-449-0586	moseed.org
Morsoy	MFA Inc., 201 Ray Young Dr. Columbia, MO 65201	573-876-5363	mfa-inc.com
Morsoy	Cache River Valley Seed LLC., 12470 Hwy 226 Cash, AR 72421	870-477-5421	crvseed.com
MPride/MPV	Midwest Premium Genetics, 523 S. Main Concordia, MO 64020	660-463-7333	m-pride.com
NC+	NC+ Hybrids, 3820 N. 56th St. Lincoln, NE 68504	800-279-7999	nc-plus.com
NK Brand	NK Brand - Syngenta, 7500 Olsen Memorial Highway Golden Valley, MN 55427	515-238-3514	nk-us.com
NK Brand	NK Brand Seeds, 6711 Hare Hill Drive Arlington, TN 38002	901-382-5265	nk-us.com

Brand	Company and Address	Phone Number	URL
NuTech Seed	NuTech Seed Co., 40321 130th Ave Leland, IA 50453	641-567-3350	nutechseed.com
Pioneer	Pioneer Hi-Bred Int. Inc., 700 Boulevard South, Suite 302 Huntsville, AL 35802	800-331-2475	pioneer.com
Pioneer	Pioneer Hi-Bred Int, 8200 Cody Drive, Suite A Lincoln, NE 68512	800-228-4050	pioneer.com
Prairie Brand	Prairie Brand Seed Co., 15 X Ave. Story City, IA 50248	515-733-2101	prairiebrandseed.com
Progeny	Progeny Ag Products, 1529 Hwy 193 Wynne, AR 72396	870-238-2079	progenyag.com
Renze	Renze Hybrids Inc. 27410 Kittyhawk Ave. Carroll, IA 51401	712-669-3301	renzehybrids.com
Schillinger Seed	Schillinger Seed Inc., 4200 Corporate Drive Suite 106 West Des Moines, IA 50266	515-225-1166	schillingerseed.com
Southern Cross	Miles Seed P.O. Box 22879 Owensboro, KY 42304	270-926-2420	milesnmore.com
Stine	Stine Seed Co., 2225 Laredo Trail Adel, IA 50003	515-677-2605	stineseed.com
Stone Seed	Stone Seed Farms Inc., 5965 W. State Rt. 97 Pleasant Plains, IL 62677	217-546-8006	stoneseed.com
Taylor	Taylor Seed Farms Inc., 2467 Hwy 7 White Cloud, KS 66094	785-595-3236	taylorseedfarms.com
Trisler Seed	Trisler Seed Farms, Inc. 3274 E 800 North Rd Fairmount, IL 61841	217-288-9301	trisler.com
UniSouth	UniSouth Genetics Inc., 2640-C Nolensville Rd. Nashville, TN 37211	615-242-3397	usgseed.com
Willcross	Neco Seed Farms Inc., PO Box 379, Garden City, MO 64747	816-862-8203	willcross.com
Willcross	Willcross Seeds - King City Seeds, 4564 US Hwy 169 King City, MO 64463	660-535-4444	willcross.com

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