

2006

**WISCONSIN
SOYBEAN
VARIETY
TEST
RESULTS**

**Department of Agronomy
College of Agricultural and Life Science
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Wisconsin Crop Improvement Association

University of Wisconsin - Extension



2006 WISCONSIN SOYBEAN VARIETY TEST RESULTS

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2006 Report

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The Wisconsin Soybean Variety Test is conducted each year with the producer's needs in mind. Our objective is to give producers the information to select varieties that will satisfy their specific goals and are most likely to perform best under his/her management practices.

How the Entries were Tested

Seed companies, private breeders, and university research and extension specialists voluntarily submitted any number of entries they wished. Most of these entries are commercially available, but experimental varieties were also tested. Several commercial and public cultivars were included for comparison.

Tests were conducted at all locations using conventional or reduced tillage practices. The white mold tests were planted at 225,000 seeds/acre, while the standard variety tests were planted at 175,000 seeds/acre, at row spacing as listed in Table 1. Tests were conducted with a randomized complete block design, in a split-block arrangement, with three or four replications. Table 1 also lists the combination of herbicides used for weed control in the conventional and glyphosate tolerant variety blocks.

Growing Conditions

Wisconsin soybean growers experienced widely variable weather conditions in 2006. A significant drought hit part of northwestern WI, while growers in the southern third of the state

generally welcomed plentiful rainfall and warm temperatures which resulted in a statewide average soybean yield of 44 bu/a. Planting started in a timely manner over most of Wisconsin in early May; however, several delays due to wet soil conditions resulted in most of the state soybean crop being planted in the latter part of May and early June. Warmer temperatures and moderate rainfall prevailed over most areas in late May and early June allowing the crop to emerge and get established. July weather was characterized by above normal temperatures statewide, but precipitation varied by region. Lack of rain hit northwest Wisconsin crops the hardest. North central, west central, and central Wisconsin were also dry, but received more moisture than northwest Wisconsin. Moisture conditions improved in late July from statewide rainfall and higher than normal growing degree day accumulations moved many crops towards maturity ahead of the 5-year average.

August brought a relief from July's hot, dry conditions. August rains refueled dry soils, and improved crop conditions in the north and western regions of the state, though these areas continued to show signs of dry weather stress. Along with rain, the sometimes-powerful storms brought hail damage to some west central areas. Crop progress slowed and conditions deteriorated in the east central region of Wisconsin, as it was missed by the heaviest rains. Soil moisture conditions there declined from July. Crop conditions in the southern portion of the state, remained very good with progress well above normal and last year.

Most of September was characterized by cool, damp weather. Average temperatures were below normal, and most of the state received above average rainfall. The rain was a bit too late to cause much crop improvement in the areas of the state affected by drought-like conditions earlier in the growing season, but in the southern portion of the state it helped to seal the deal for farmers expecting good yields.

Source: www.nass.usda.gov

How Performance was Measured

Yield: Plots were weighed and moisture was determined in the field using electronic equipment on the plot harvester. Yields are reported in bushels (60 pounds/bushel) per acre at 13 percent moisture content.

Lodging: Lodging scores were based on the average erectness of the main stem of plants at maturity. 1 = all plants erect, 2 = slight lodging, 3 = plants lodged at 45° angle, 4 = severe lodging, 5 = all plants flat.

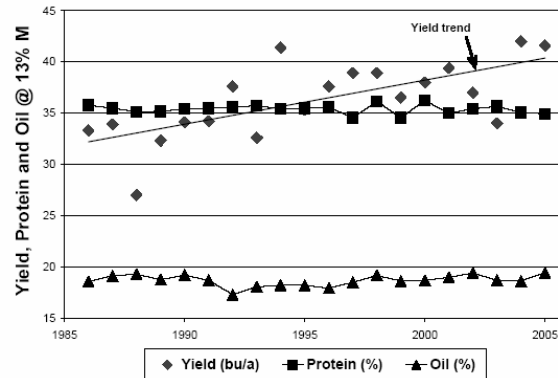
Maturity: An entry was considered mature when at least 90 percent of the pods had turned their mature color. Seven to ten days of drying weather are generally required before soybeans are ready to combine. Variety performance is presented by originator/brand, and then from earliest to latest based on the relative maturity of the variety.

Protein and Oil

Seed samples from all varieties grown in all locations were collected and analyzed using a near infrared transmittance (NIRT) grain analyzer to determine grain composition. Our goal in providing this information is to increase soybean value transparency so producers can consider the protein and oil content of varieties planted as well as the yield. In 2005, soybeans grown across the US averaged 34.9% protein and 19.4% oil according to ISU (www.asasoya.org). Wisconsin grown soybean

quality is very similar to US averages. The factor that influences protein the most that is under control of a producer is variety selection. Data from the Wisconsin Soybean Variety Tests shows that proper variety selection can yield 200 more pounds per acre of protein and oil without compromising grain yield.

Summary of Yield and Quality Data for US Soybeans



Phytophthora Root Rot

There are many races of Phytophthora. Resistance genes are incorporated into varieties (see Tables 10 and 11) to provide complete or partial resistance to this fungus are as follows:

Gene	Races
Rps1-a	1, 2, 10, 11, 13-18, 24
Rps1-b	1, 3-9, 13-15, 17, 18, 21, 22
Rps1-c	1-3, 6-11, 13, 15, 17, 21, 23, 24
Rps1-k	1-11, 13-15, 17, 18, 22, 24
Rps3	1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25
Rps4	1-4, 10, 12, 16, 18-21, 25
Rps6	1-4, 10, 12, 14-16, 18-21, 25

Even though there are many races of Phytophthora, races that defeat the Rps1 and Rps1c resistance genes are the most prevalent in Wisconsin. Resistance genes (Rps) are bred into varieties and provide complete resistance to specific

races of Phytophthora. Race 3 is the predominant form of Phytophthora in Wisconsin soils. Thus, the long-used Rps1-a gene is not providing protection 95% of the time. Race 4 occurs in 25% of Wisconsin soybean fields. Growers have an excellent chance of controlling race 3 by planting varieties with the Rps1-c or Rps1-k gene. The Rps1-k gene provides complete resistance against most races of Phytophthora found in Wisconsin. That being said, race 25 has been found here in Wisconsin and the Rps 1-k gene does not protect against that race. Many varieties express tolerance (partial resistance) to all races of Phytophthora, but varieties with this form of resistance are vulnerable in the early seedling phase of Phytophthora. Certain fungicides applied to seed can provide a window of protection to tolerant varieties during emergence. Variety tolerance ratings are not reported and can be supplied by seed industry representatives.

The information shown in Tables 10 and 11 is based on information supplied by public breeders or companies that are releasing or marketing the variety.

White Mold (Sclerotinia)

Sclerotinia infects stems at flowering, but symptoms are delayed until early pod formation and plant death is evident as the crop progresses towards maturity. Sclerotinia causes white mold throughout Wisconsin. White mold was not a widespread serious problem in 2006, but was present in scattered areas of the state. The reaction of soybean varieties to the white mold pathogen is expressed as plant mortality and grain yield in the presence of high white mold pressure. Varieties that express 25% or less plant mortality generally yield well in the presence of white

mold. Results of the trial are presented in Tables 6, 7, and 8.

Emerging Soybean Diseases

Sudden death syndrome (SDS) and stem canker (SC) were observed in 2006. The incidence and severity of SDS and SC were higher than in previous years. Both diseases are caused by fungi, but have different symptoms and symptom patterns. SDS is frequently associated with the soybean cyst nematode. Leaves suddenly die during early pod development and fall from plants. Symptoms of SC appear during mid pod development and leaves wilt and die but stay attached to plants. Brown lesions appear on stems in the lower quarter of the plant. Leaf symptoms may resemble white mold but the white cottony mold will not be observed nor will the black sclerotia of the white mold pathogen. Crop rotation appears to be the best control at this time. Information is not available on soybean varieties and SDS and SC.

Soybean Rust

Asian Soybean Rust was not confirmed in Wisconsin in 2006. Soybean rust developed in the southeastern US and has been identified as far west as in eastern Texas on kudzu. It is not known whether soybean rust will infect Wisconsin grown soybeans in 2007. Consequently, growers might wonder about soybean variety options for 2006. Unfortunately, despite intensive screening by USDA in the last few years, none of the soybean varieties currently grown in the US are completely resistant to soybean rust. Spores of the soybean rust pathogen will have to be reintroduced each year from southern sources in order for rust

to develop. Thus, crop rotation will also not be a management option.

This winter, soybean rust will be a primary target for educational programs delivered by Extension personnel. This topic will be discussed at the Wisconsin Corn-Soy Expo and the Wisconsin Fertilizer, Agrilime, and Pest Management Conference.

Soybean Cyst Nematode (SCN)

The SCN has gained significant importance as a yield-limiting pathogen in Wisconsin. A major concern is that growers are not aware of its presence on their farms. The SCN can cause severe stunting and chlorosis of soybean plants, but these symptoms are not common. SCN can cause major yield loss without obvious symptoms. The most common symptom caused by SCN is a yield decline over years even though top crop management practices are in place. Significant advances have been made to improve varieties for resistance to SCN. Results of the 2006 SCN variety trial are presented in Table 9. Yield performance in the presence of SCN is an excellent means to select varieties for SCN infested fields. Many SCN resistant varieties also express resistance to brown stem rot. Watch for white mold when SCN resistant varieties are planted for the first time in SCN infested fields. SCN can suppress dense crop canopies required for white mold to develop. Many SCN resistant varieties are also resistant to brown stem rot.

Soybean Viruses and Insects

Soybean aphid populations were variable in Wisconsin, but overall the soybean aphid was not a significant yield-limiting problem in 2006. The bean leaf

beetle was observed in low numbers in the southern counties. Soybean growers and agronomic advisors need to carefully monitor early season bean leaf beetle populations in 2007. Plants infected by viruses commonly produce discolored seed, which is another symptom to use in assessing the virus situation in a specific field. Late season bean leaf beetles cause extensive feeding injury to pods, thus combining with BPMV to reduce seed yield and quality. Evidence is increasing that soybean varieties differ in the ability to yield in the presence of insects and associated viruses.

What the Results Mean

The performance of a variety may vary from year to year, even at the same location. Multiple tests over two or more years more accurately indicate the variety performance. When selecting a variety consider maturity, herbicide tolerance, disease resistance, and grain composition in addition to yield.

Small differences in yield may not be significant. The yield of any two entries may differ because of chance factors (such as differences in fertility, moisture availability and diseases) even though the two entries do not have inherently different yielding abilities. As an aid in determining true differences in yield, the Least Significant Difference (LSD) statistic is used. If the difference between varieties is greater than the tabulated LSD value, then the entries are said to be "significantly different." The probability of a mean difference being greater than the LSD by chance is 1 out of 10 for the 0.10 LSD value.

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This publication is available from your Wisconsin county Extension office and from the Department of Agronomy, 1575 Linden Dr., Madison, Wisconsin 53706. Phone (608) 262-1390. The Wisconsin Soybean Variety Test results can also be viewed at and downloaded from the UW Soybean Program website at <http://soybean.uwex.edu>. The UW Soybean Program website was recently updated and offer data sorting and customized display capability for ease of view, print, and download. Further disease information can also be obtained on the soybean plant health web site at <http://www.plantpath.wisc.edu/soyhealth/index.htm>.

Wisconsin Crop Improvement Association provides financial support for the Wisconsin soybean variety tests. <http://www.wisc.edu/wcia>

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TABLE 1. GENERAL INFORMATION ON THE 2006 SOYBEAN TESTS

Location	Cooperators	Row Spacing	Soil Type	Soil Tests ¹		Pesticide Program ²		Planting Date	Harvest Date	Average Yield		
						CN Varieties	RR Varieties			2006	2005	05-06
Arlington Variety Trial	J. Quimby	15"	Silt loam	pH: 6.7 P: 87	OM: 4.2 K: 256	PPI: Dul, Pur Post: Bas, Har,Asr	Dul, Pur Rnd	5-May	24-Oct	75	70	73
Arlington Late White Mold VT	J. Quimby	7.5"	Silt loam Irrigated	pH: 6.6 P: 61	OM: 3.0 K: 233	PPI: Dul, Pur Post: Bas, Har,Asr	Dul, Pur Rnd	8-May	23-Oct	66	61	64
Chippewa Falls Variety Trial	J. Clark	15"	Silt loam	pH: 6.6 P: 30	OM: 2.1 K: 99	Pre: None Post: Pur, Har. Asr	None Rnd	17-May	21-Oct	38	40	39
Fond du Lac Variety Trial	E. Montsma M. Rankin	15"	Silt loam	pH: 6.7 P: 40	OM: 3.7 K: 139	Pre: None Post: Pur, Asr, Har	None Rnd	29-May	27-Oct	58	66	62
Galesville Variety Trial	K. Congdon J. Zander	15"	Silt loam	pH: 6.0 P: 83	OM: 4.1 K: 271	PPI: Dul, Pur Post: Pur, Har. Asr	Dul, Pur Rnd	18-May	27-Oct	65	68	67
East Troy SCN Variety Trial	B. David	30"	Sandy Loam	pH: 6.6 P: 62	OM: 4.2 K: 177	PRE: Dul, Frtt Post: Asr	Dul, Frtt Post: Asr	23-May	26-Oct	55	43	49
Hancock Variety Trial	J. Breuer, G. Humphrey	15"	Sand Irrigated	pH: 6.6 P: 98	OM: 1.1 K: 107	Pre: Cin, Frtt Post: Har, Asr	Cin,Frtt Har, Asr	10-May	30-Oct	74	48	61
Janesville Variety Trial	J. Stute	15"	Silt loam	pH: 6.8 P: 96	OM: 4.3 K: 292	Pre: Frtt Post: Rptr, Har, Asr	None Rnd	5-May	13-Oct	67	62	65
Lancaster Variety Trial	T. Wood	15"	Silt loam	pH: 6.4 P: 44	OM: 2.5 K: 121	PPI: Dul, Pur Post: Asr, Har	Dul, Pur Rnd	7-May	24-Oct	62	74	68
Marshfield Variety Trial	M. Bertram	15"	Silt loam	pH: 6.4 P: 73	OM: 3.6 K: 244	PPI: Frtt, Dul Post: Pur	Frtt, Dul Pur	24-May	23-Oct	53	48	51
Marshfield Early & Mid White Mold VT	M. Bertram	7.5"	Silt loam	pH: 6.8 P: 72	OM: 3.1 K: 227	PPI: Frtt, Dul Post: None	Frtt, Dul None	24-May	23-Oct	Early =56 Mid = 59	64 67	60 63
Racine Variety Trial	B. Henderson	15"	Clay loam	pH: 6.5 P: 85	OM: 4.8 K: 155	Pre: None Post: Pur, Har, Asr	None Rnd	23-May	10-Oct	74	45	60
Seymour Variety Trial	M. Maass K. Jarek	15"	Clay loam	pH: 7.4 P: 38	OM: 2.5 K: 81	Pre: None Post: Pur, Har	None Rnd	27-May	26-Oct	50	26	38
Spooner Dry Land VT	P. Holman	7"	Silt Loam	pH: 6.6 P: 20	OM: 2.0 K: 74	Pre: Dul, Scn Post: Rptr	Dul, Scn Rptr	19-May	31-Oct	24	19	22
Spooner Irrigated VT	P. Holman	7"	Sandy Loam	pH: 6.6 P: 60	OM: 1.8 K: 123	PPI: Trust Post: Rptr	Trust Rptr	17-May	25-Oct	42	60	51
Sturgeon Bay Variety Trial	D. Weidman	15"	Silt Loam	pH: 7.4 P: 135	OM: 2.3 K: 182	Pre: None Post: Pur, Har	None Rnd	25-May	26-Oct	48	53	51

¹ OM = Organic Matter in %; P= ppm of Phosphorus and K = ppm of Potassium.

² Pesticide Abbreviations: CN= Conventional, RR= Tolerance to glyphosate herbicide, Asr= Assure, Bas== Basagran, Cin= Cinch, Dul= Dual II Magnum, Frtt= Firstrate, Har= Harmony, Pst=Poast Plus, Pur= Pursuit, Rptr= Raptor, Rnd= Roundup, Snc= Sencor.

TABLE 2. SOUTHERN REGION SOYBEAN TEST (Page 1 of 5)

Performance of Public and Commercial Entries at Four Southern Wisconsin Locations.

ARL=ARLINGTON, JAN=JANESVILLE, LAN=LANCASTER, RAC=RACINE

Originator/Brand	Entry	Maturity Group	Herb. ¹ Toler.	2006 3-Test Average						2006				2005 4-Test Average					7 -Test			
				Yield	Lodging	Maturity	Protein	Oil	Protein plus Oil	ARL ²		JAN	LAN	RAC ³	Yield	Lodging	Maturity	Protein	Oil	Protein plus Oil	Ave. Yield	
										bu/A	%											bu/A
Public	IA 1010	1.0	CN	60	2.1	23-Sep	35.8	18.0	1940	70	1	51	59	-								
Public	MN 1005	1.0	CN	63	3.3	13-Sep	33.9	20.0	2028	73	10	62	54	-								
Public	MN 1503	1.5	CN	62	2.8	17-Sep	37.6	18.8	2085	74	3	58	53	-								
Public	IA 1006	1.6	CN	63	3.3	21-Sep	34.2	18.8	1984	74	15	57	57	-	56	1.4	9-Sep	34.3	19.0	1775	59	
Public	MN 1607	1.6	CN	62	2.9	19-Sep	36.7	18.9	2064	68	3	62	56	-								
Public	HP 204	1.9	CN	56	3.6	26-Sep	37.3	18.0	1842	65	3	52	50	-	52	1.8	16-Sep	38.0	17.9	1730	53	
Public	IA 1008	2.0	CN	58	2.5	24-Sep	34.5	18.5	1845	65	4	57	52	-	60	1.2	12-Sep	34.2	18.9	1899	59	
Public	IA 1021	2.0	CN	* 74	3.0	20-Sep	35.0	18.4	2364	* 85	6	67	* 69	-								
Public	IA 1008LF	2.0	CN	56	2.1	27-Sep	35.0	18.7	1791	61	0	55	51	-								
Public	IA 2076	2.0	CN	* 72	3.1	23-Sep	35.6	18.9	2335	78	0	71	* 66	-								
Public	Vinton 81	2.0	CN	52	3.7	27-Sep	37.5	17.7	1728	60	3	52	44	-	53	1.8	15-Sep	37.9	17.7	1775	53	
Public	IA 2021	2.1	CN	67	2.5	23-Sep	32.7	20.2	2126	79	1	64	58	-	56	1.0	13-Sep	33.2	20.0	1783	61	
Public	IA 2053	2.1	CN	63	3.4	29-Sep	38.1	17.2	2087	70	15	65	54	-	58	1.4	16-Sep	37.9	17.9	1934	60	
Public	IA 1013	2.1	CN	60	3.2	25-Sep	38.5	18.3	2025	69	0	57	53	-								
Public	Century 84	2.4	CN	58	1.8	28-Sep	37.9	17.4	1913	69	1	57	48	-	54	1.0	20-Sep	37.0	18.2	1793	56	
Public	Dwight	2.9	CN	59	2.2	28-Sep	35.1	17.9	1862	62	3	56	60	-	61	1.2	19-Sep	34.9	18.8	1951	60	
Public	IA 2067	2.7	CN	58	3.0	28-Sep	38.7	17.8	1983	62	0	62	51	-	61	1.2	18-Sep	38.7	18.1	2053	60	
Asgrow	AG 2106	2.1	RR	71	2.1	22-Sep	34.7	19.0	2287	79	16	67	* 67	72	59	1.2	12-Sep	34.6	19.1	1885	64	
Asgrow	AG 2204	2.2	RR	* 73	2.6	23-Sep	35.7	18.7	2374	76	3	* 74	* 68	72								
Asgrow	AG 2403	2.4	RR	* 72	1.8	25-Sep	34.7	19.4	2344	81	8	69	* 67	* 75	63	1.1	13-Sep	34.7	19.8	2036	67	
Asgrow	AG 2406	2.4	RR	69	1.9	26-Sep	35.4	18.8	2259	79	8	64	65	73								
Asgrow	AG 2603	2.6	RR	66	2.1	28-Sep	35.1	18.0	2104	71	21	66	62	* 78								
Blue River	1A24	1.2	CN	64	2.3	21-Sep	36.0	18.4	2116	76	16	60	55	-								
Blue River	1F44	1.4	CN	59	2.1	19-Sep	36.7	18.3	1946	73	5	52	53	-								
Blue River	16A7	1.6	CN	70	2.4	19-Sep	34.4	18.5	2228	82	11	71	58	-								
Blue River	17YP7	1.7	CN	64	2.7	18-Sep	38.0	18.0	2148	74	13	62	56	-								
Blue River	21YP7	2.1	CN	58	1.8	30-Sep	38.1	18.2	1960	67	0	55	52	-								
Blue River	2A12	2.1	CN	71	2.8	23-Sep	36.4	17.9	2302	81	1	66	65	-								
Blue River	2F11	2.1	CN	69	2.2	20-Sep	33.9	19.5	2227	79	3	66	63	-								
Blue River	23A7	2.3	CN	69	1.9	28-Sep	35.4	18.4	2229	82	0	61	64	-								
Brunner	BR-2406 RR	2.3	RR	64	2.6	27-Sep	34.5	18.6	2041	74	2	59	59	67								
Brunner	BR-2401 RR	2.4	RR	* 73	2.4	26-Sep	35.2	18.7	2355	81	11	72	* 66	74	* 66	1.1	14-Sep	35.5	19.0	2149	* 69	
Croplan	RC 2020	2.0	RR	* 73	1.8	22-Sep	33.9	19.9	2375	81	20	71	* 68	73								
Croplan	RT 2092	2.0	RR	64	2.3	25-Sep	34.0	19.1	2001	75	1	58	59	74	62	1.0	15-Sep	34.3	19.5	1988	63	
Croplan	RT 2127	2.1	RR	* 73	2.1	21-Sep	34.2	19.2	2332	82	2	67	* 69	* 81	62	1.0	13-Sep	33.9	19.7	1988	67	

CONTINUED

TABLE 2. SOUTHERN REGION SOYBEAN TEST (Page 2 of 5)

Performance of Public and Commercial Entries at Four Southern Wisconsin Locations.

ARL=ARLINGTON, JAN=JANESVILLE, LAN=LANCASTER, RAC=RACINE

Originator/Brand	Entry	Maturity Group	Herb. Toler. ¹	2006 3-Test Average							2006				2005 4-Test Average					7 -Test		
				Yield	Lodging	Maturity	Protein	Oil	Protein plus Oil	ARL ²		JAN	LAN	RAC ³	Yield	Lodging	Maturity	Protein	Oil	Protein plus Oil	Ave. Yield	
										bu/A	%											bu/A
Croplan	RT 2292	2.2	RR	* 73	1.9	25-Sep	34.0	19.4	2338	* 84	10	66	* 68	* 79	61	1.1	17-Sep	34.7	19.3	1970	66	
Croplan	RT 2389	2.3	RR	* 73	2.8	28-Sep	35.3	18.4	2337	79	8	71	* 68	* 75								
Croplan	RT 2678	2.6	RR	68	2.2	30-Sep	34.6	18.1	2136	75	10	69	59	* 79								
Dahlco	5200 RRC	2.0	RR	69	1.8	22-Sep	34.0	19.8	2228	78	4	68	61	71								
Dahlco	9213 RR	2.1	RR	* 74	1.6	23-Sep	34.0	19.2	2357	* 85	4	72	64	* 77								
Dairyland	DSR-199/RRSTS	1.9	RR/STS	70	2.2	26-Sep	35.4	18.4	2257	72	28	72	65	68	63	1.1	17-Sep	35.7	18.8	2043	66	
Dairyland	DSR-2000/RRSTS	2.0	RR/STS	68	3.2	23-Sep	34.7	19.2	2203	72	24	68	65	71								
Dairyland	DSR-218	2.1	CN	69	1.7	28-Sep	35.1	19.1	2248	* 86	0	60	62	-								
Dairyland	DSR-22/STS-UL Brand	2.2	CN	67	3.0	29-Sep	34.1	18.5	2104	78	5	63	59	-								
Dairyland	DSR-2200/RR	2.2	RR	69	3.0	23-Sep	34.7	19.3	2223	75	10	67	64	* 75								
Dairyland	DSR-2300/RR	2.3	RR	* 72	2.3	28-Sep	34.4	18.5	2267	81	13	71	63	74								
Dairyland	DSR-234/RR	2.3	RR	* 73	2.1	28-Sep	35.1	18.5	2363	* 84	14	* 73	63	* 75	* 67	1.0	16-Sep	35.1	19.3	2163	* 69	
Dekalb	DKB 24-52	2.4	RR	68	2.7	25-Sep	34.5	18.7	2166	77	8	70	57	74								
Dyna-Gro	SX 06720	2.2	RR	* 74	2.6	22-Sep	34.6	19.3	2390	82	5	* 73	* 67	* 79								
Dyna-Gro	SX 06927	2.6	RR	66	2.8	2-Oct	33.5	18.8	2066	69	15	66	62	* 82								
Dyna-Gro	36J29	2.9	RR	68	2.8	30-Sep	34.9	18.3	2174	75	13	67	62	74								
Farm Advantage	7253	2.5	RR	66	2.8	28-Sep	34.9	18.4	2144	67	30	69	63	72								
Farm Advantage	7285N	2.8	RR	67	2.7	30-Sep	35.5	18.0	2151	73	16	68	60	* 81	* 68	1.2	23-Sep	35.4	19.4	2246	* 68	
FS Hisoy	HS 2345	2.3	RR	* 73	2.5	27-Sep	35.3	18.5	2367	81	19	72	* 67	74	64	1.3	16-Sep	35.3	19.0	2086	* 68	
FS Hisoy	X 06-23	2.3	RR	71	2.8	30-Sep	35.3	18.7	2292	74	28	72	* 66	* 75								
FS Hisoy	HS 2555	2.5	RR	* 73	2.1	30-Sep	35.6	18.1	2334	81	13	70	* 67	* 76	* 65	1.0	18-Sep	35.6	19.1	2133	* 68	
FS Hisoy	HS 2645	2.6	RR	65	2.4	30-Sep	34.7	18.4	2056	70	33	66	58	70	* 67	1.1	21-Sep	35.2	19.2	2168	66	
Gold Country	6026FG	2.6	CN	60	1.8	30-Sep	39.5	17.1	2024	73	5	58	48	-								
Golden Harvest NK	H-2448 RR	2.4	RR	* 74	2.9	28-Sep	35.0	18.8	2396	78	24	* 78	* 66	* 77	* 68	1.0	18-Sep	35.2	19.2	2214	* 70	
Hughes	405 RR	2.4	RR	* 73	2.6	27-Sep	35.3	18.5	2357	82	10	72	* 66	72	64	1.1	16-Sep	35.9	19.0	2084	* 68	
Hughes	416 RR	2.4	RR	65	2.5	29-Sep	36.4	18.3	2132	66	36	70	58	69	* 66	1.0	18-Sep	36.2	19.3	2173	65	
Hughes	567 RR	2.5	RR	71	2.3	29-Sep	34.4	18.7	2263	74	9	* 74	65	74	62	1.2	19-Sep	35.5	19.0	2017	66	
Hughes	796 RR	2.7	RR	62	2.9	5-Oct	33.4	18.3	1924	66	11	63	57	71								
Hughes	847 RR	2.8	RR	67	1.6	3-Oct	34.9	17.9	2135	78	21	69	55	* 79								
Kaltenberg	KB 247 RR	2.4	RR	70	2.3	27-Sep	34.3	19.1	2226	74	28	70	65	73								
Kaltenberg	KB 248 RR	2.4	RR	69	2.8	29-Sep	34.8	18.5	2216	73	23	69	* 66	72								
Kaltenberg	KB 258 RR	2.5	RR	* 73	2.2	2-Oct	35.5	18.1	2345	76	24	71	* 72	* 81								
Kaltenberg	KB 266 RR	2.6	RR	68	3.0	3-Oct	36.1	17.7	2203	69	13	* 73	63	* 79								
Kruger	K-100 RR	1.0	RR	68	1.8	15-Sep	35.2	19.5	2213	77	23	65	61	70								
Kruger	K-120 RR	1.2	RR	64	1.8	12-Sep	34.5	18.5	2036	73	16	60	59	62								

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TABLE 2. SOUTHERN REGION SOYBEAN TEST (Page 3 of 5)

Performance of Public and Commercial Entries at Four Southern Wisconsin Locations.

ARL=ARLINGTON, JAN=JANESVILLE, LAN=LANCASTER, RAC=RACINE

Originator/Brand	Entry	Maturity Group	Herb. Toler. ¹	2006 3-Test Average							2006				2005 4-Test Average					7 -Test	
				Yield	Lodging	Maturity	Protein	Oil	Protein plus Oil	ARL ²		JAN	LAN	RAC ³	Yield	Lodging	Maturity	Protein	Oil	Protein plus Oil	Ave. Yield
										bu/A	%										
Kruger	K-156 RR	1.4	RR	69	1.7	14-Sep	36.0	18.9	2269	77	5	63	* 66	70							
Kruger	K-166 RR/SCN	1.6	RR	65	3.1	17-Sep	35.7	18.8	2140	67	23	68	61	64							
Kruger	K-177 RR	1.7	RR	* 74	2.3	16-Sep	33.8	19.7	2379	* 85	5	72	65	71							
Kruger	K-188 RR/SCN	1.7	RR	70	1.9	19-Sep	34.0	19.6	2253	77	11	66	* 67	* 76							
Kruger	K-186 RR	1.8	RR	70	2.2	22-Sep	34.1	19.4	2243	75	10	69	* 66	* 77							
Kruger	K-194 RR	1.8	RR	71	2.0	25-Sep	33.8	18.9	2249	79	11	71	64	74							
Kruger	K-195+RR/SCN	2.0	RR	69	1.9	21-Sep	34.0	19.9	2224	78	5	69	59	73	64	1.1	13-Sep	34.6	19.8	2073	66
Kruger	K-201 RR/SCN	2.0	RR	71	2.6	22-Sep	34.5	19.3	2283	81	3	* 75	56	* 75							
Kruger	K-210 RR/SCN	2.1	RR	68	1.7	24-Sep	34.2	19.5	2188	75	31	68	61	73							
Kruger	K-211+RR	2.2	RR	* 74	1.9	23-Sep	34.1	19.5	2363	* 85	2	* 73	63	74	61	1.0	17-Sep	34.5	19.4	1954	66
Kruger	K-222 RR/SCN	2.2	RR	* 72	2.0	26-Sep	35.7	18.2	2336	80	10	71	* 66	67							
Kruger	K-223+RR	2.2	RR	* 73	1.9	25-Sep	34.4	19.1	2337	81	4	* 73	64	* 76	62	1.0	14-Sep	34.3	19.6	1993	66
Kruger	K-235 RR/SCN	2.3	RR	71	2.3	1-Oct	34.7	18.9	2273	79	19	70	63	72							
Kruger	K-233+RR	2.4	RR	70	2.3	30-Sep	35.3	18.6	2277	80	17	70	61	* 80	* 67	1.0	17-Sep	35.7	19.0	2178	* 68
Kruger	K-234 RR	2.4	RR	71	3.0	23-Sep	34.7	18.9	2297	78	23	70	* 66	68							
Kruger	K-244 RR/SCN	2.5	RR	68	3.1	30-Sep	34.9	17.7	2139	74	12	66	63	69							
Kruger	K-255 RR	2.5	RR	* 74	2.3	2-Oct	35.6	18.1	2393	79	20	* 75	* 69	* 77	* 66	1.1	18-Sep	35.6	19.2	2155	* 70
Kruger	K-259 RR	2.6	RR	69	2.2	2-Oct	34.2	18.1	2176	71	49	* 75	62	* 76							
Kruger	K-275 RR/SCN	2.8	RR	67	2.9	3-Oct	33.3	18.9	2094	68	31	68	65	72							
Kruger	K-283 RR/SCN	2.8	RR	* 72	2.0	2-Oct	33.5	18.6	2250	81	10	71	64	* 75							
Kruger	K-287 RR/SCN	2.8	RR	65	3.0	1-Oct	34.8	18.2	2053	68	28	64	62	70							
Kruger	K-289+RR	2.8	RR	70	2.4	2-Oct	34.5	18.1	2200	81	26	68	60	* 78	62	1.0	17-Sep	34.5	19.4	2006	65
Kruger	K-292 RR/SCN	2.9	RR	68	2.7	4-Oct	35.4	18.1	2192	79	21	65	60	* 78							
Latham	E 2253 R	2.2	RR	68	2.7	30-Sep	35.2	18.7	2205	73	43	71	61	68							
Latham	L 2500 R	2.5	RR	* 75	2.0	1-Oct	35.5	18.2	2402	82	18	70	* 72	* 79							
Latham	L 2646 R	2.6	RR	71	2.6	1-Oct	33.8	18.3	2225	77	17	68	* 69	* 78	* 65	1.0	16-Sep	34.2	19.3	2071	67
LG Seeds	C 2159 RR	2.1	RR	69	2.6	29-Sep	34.9	18.7	2218	76	9	65	* 66	74							
LG Seeds	C 2555 RR	2.5	RR	62	2.5	3-Oct	33.4	18.4	1936	66	5	61	60	* 82							
Midwest	GR 2231	2.2	RR	* 72	1.7	26-Sep	35.8	18.3	2347	79	24	* 73	65	70							
Midwest	GR 2432	2.4	RR	66	2.7	27-Sep	34.7	18.6	2121	74	8	67	58	* 77							
Midwest	GR 2731	2.7	RR	66	2.8	4-Oct	33.3	18.9	2065	73	17	65	59	71							
NK Brand	S20-F8	2.0	CN	66	2.9	22-Sep	33.8	19.2	2102	76	3	64	59	-							
NK Brand	S21-N6	2.1	RR	* 76	1.9	22-Sep	33.4	19.9	2436	* 85	6	* 76	* 67	* 82							
NK Brand	S23-H2	2.3	RR	70	2.3	27-Sep	34.1	18.9	2226	77	15	68	65	72							
NK Brand	S23-Z3	2.3	RR	69	3.1	24-Sep	34.0	19.2	2214	70	19	71	* 66	72	64	1.0	14-Sep	34.1	19.7	2070	66

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TABLE 2. SOUTHERN REGION SOYBEAN TEST (Page 4 of 5)

Performance of Public and Commercial Entries at Four Southern Wisconsin Locations.

ARL=ARLINGTON, JAN=JANESVILLE, LAN=LANCASTER, RAC=RACINE

Originator/Brand	Entry	Maturity Group	Herb. ¹ Toler.	2006 3-Test Average						2006					2005 4-Test Average					7-Test	
				Yield	Lodging	Maturity	Protein	Oil	Protein plus Oil	ARL ²		JAN	LAN	RAC ³	Yield	Lodging	Maturity	Protein	Oil	Protein plus Oil	Ave. Yield
										bu/A	%										
NK Brand	S24-K6	2.4	RR	70	2.6	27-Sep	35.4	18.0	2223	77	25	72	60	73							
NK Brand	S25-B9	2.5	RR	* 72	1.5	27-Sep	34.4	19.2	2304	78	18	70	* 67	73	62	1.2	20-Sep	34.8	19.4	1997	66
NK Brand	S27-L4	2.7	RR	* 77	2.0	29-Sep	34.3	18.8	2479	81	14	* 79	* 72	* 77							
NuTech	NT-2121+ RR/SCN	2.1	RR	71	1.9	26-Sep	35.6	18.4	2297	78	24	* 74	61	73							
NuTech	NT-2220+ RR	2.2	RR	* 72	3.1	30-Sep	34.5	18.3	2281	74	31	* 76	* 66	* 78							
NuTech	NT-2232+ RR	2.2	RR	70	2.0	3-Oct	33.2	19.0	2203	78	31	72	61	73							
NuTech	NT-2333+ RR	2.3	RR	66	3.2	22-Sep	34.2	19.1	2103	63	33	71	63	* 76	* 68	1.0	12-Sep	34.8	19.2	2181	67
NuTech	NT-2424+ RR/SCN	2.4	RR	66	2.8	27-Sep	34.8	18.6	2126	74	23	65	60	68							
NuTech	NT-2444+ RR/SCN	2.4	RR	66	3.0	30-Sep	34.9	17.9	2105	70	26	65	64	73							
NuTech	NT-2616+ RR/SCN	2.6	RR	69	3.0	3-Oct	36.5	17.7	2255	71	23	72	65	* 79							
NuTech	NT-2660+ RR/SCN	2.6	RR	* 73	2.6	2-Oct	33.5	18.7	2303	81	24	* 76	63	* 82							
NuTech	NT-2770+ RR/SCN	2.7	RR	67	2.3	3-Oct	36.6	17.2	2165	71	43	72	58	* 82							
NuTech	NT-2777+ RR/SCN	2.7	RR	61	3.0	2-Oct	33.1	18.8	1905	63	39	57	63	71							
O'Brien	O'Soy 120 RR	1.2	RR	60	2.4	13-Sep	34.7	18.9	1924	66	30	59	54	68							
O'Brien	O'Soy 145 RR	1.4	RR	60	2.4	13-Sep	34.5	19.4	1952	62	38	59	60	73							
O'Brien	O'Soy 200 RRHO	2.0	RR	65	2.7	19-Sep	33.2	20.1	2089	77	9	62	57	66							
O'Brien	O'Soy 211 RR	2.1	RR	67	2.1	26-Sep	33.9	19.4	2127	78	0	63	59	72	* 65	1.0	19-Sep	34.2	19.5	2086	66
Pattison	7718	1.8	CN	63	2.8	24-Sep	34.4	18.6	1999	72	3	62	54	-							
Pattison	7319	2.0	CN	65	3.2	28-Sep	37.9	17.3	2150	71	5	63	61	-							
Pattison	7321	2.1	CN	62	3.0	28-Sep	38.4	17.9	2107	66	1	66	55	-							
Pattison	7588	2.2	CN	59	3.8	2-Oct	36.1	17.7	1900	64	21	63	49	-							
Pioneer	92M10	2.1	CN	71	2.3	28-Sep	34.7	18.6	2264	* 91	1	62	60	-							
Pioneer	92M32	2.3	RR	* 73	1.9	25-Sep	33.9	19.4	2332	79	4	69	* 70	* 79	64	1.0	16-Sep	34.3	19.6	2061	67
Pioneer	92M33	2.3	RR	71	2.8	24-Sep	35.1	18.8	2285	78	1	71	63	70							
Pioneer	92M40	2.4	RR	* 76	2.0	27-Sep	34.8	18.8	2449	* 85	5	* 77	* 66	* 77	* 69	1.0	18-Sep	35.4	19.2	2245	* 72
Pioneer	92M61	2.6	RR	68	2.7	2-Oct	34.0	19.1	2168	71	8	72	61	71							
Pioneer	92M91	2.9	RR	* 77	2.3	2-Oct	33.0	19.7	2431	* 90	2	* 75	* 66	74	63	1.3	15-Sep	34.0	20.3	2043	* 69
Prairie Brand	PB-2216 RR	2.2	RR	* 73	2.8	29-Sep	35.1	18.7	2357	75	1	* 77	* 67	69							
Prairie Brand	PB-2443 RR	2.4	RR	* 75	2.2	28-Sep	35.4	18.4	2404	82	6	* 73	* 70	* 78	* 65	1.1	18-Sep	35.7	18.9	2114	* 69
Prairie Brand	PB-2536 RR	2.5	RR	71	2.8	2-Oct	34.1	18.3	2220	75	21	71	* 66	* 75							
Renk	RS 223 RR	2.2	RR	70	1.8	26-Sep	33.8	19.3	2245	79	5	65	* 67	71							
Renk	RS 246 NRR	2.4	RR	65	2.4	26-Sep	34.8	18.4	2055	71	15	67	56	72							
Renk	RS 253 RR	2.5	RR	70	2.2	1-Oct	35.7	18.2	2265	76	18	70	64	* 80	* 65	1.1	19-Sep	35.7	19.1	2125	67
Renk	RS 265 RR	2.6	RR	67	3.0	2-Oct	35.0	18.5	2150	73	33	68	60	* 80	64	1.0	19-Sep	35.3	19.3	2079	65
Stine	2402-4	2.4	RR	63	2.4	25-Sep	35.0	18.4	2037	76	11	59	55	* 76	* 69	1.0	15-Sep	35.3	19.2	2262	67

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TABLE 2. SOUTHERN REGION SOYBEAN TEST (Page 5 of 5)

Performance of Public and Commercial Entries at Four Southern Wisconsin Locations.

ARL=ARLINGTON, JAN=JANESVILLE, LAN=LANCASTER, RAC=RACINE

Originator/Brand	Entry	Maturity Group	Herb. ¹ Toler.	2006 3-Test Average						2006					2005 4-Test Average					7 -Test	
				Yield	Lodging	Maturity	Protein	Oil	Protein plus Oil	ARL ²		JAN	LAN	RAC ³	Yield	Lodging	Maturity	Protein	Oil	Protein plus Oil	Ave. Yield
										Yield	WM										
Thompson	T-7205+ RR	2.0	RR	* 73	1.8	25-Sep	34.1	19.2	2341	82	8	70	* 67	* 75	* 66	1.0	11-Sep	34.3	19.6	2118	* 69
Trelay	2222 RR	2.2	RR	71	1.9	27-Sep	33.9	19.4	2279	80	11	71	63	73							
Trelay	2225 RR	2.2	RR	70	1.9	26-Sep	35.8	18.2	2270	75	18	70	65	67							
Trelay	2232 RR	2.3	RR	* 73	2.3	30-Sep	35.1	17.9	2315	* 88	11	70	60	* 77							
Trelay	2263 RR	2.6	RR	70	3.0	30-Sep	34.8	18.7	2252	75	16	71	64	* 75	* 65	1.0	17-Sep	35.2	19.2	2114	67
Trelay	2275 RR	2.7	RR	64	2.8	3-Oct	33.3	18.8	2011	66	11	68	59	71							
Trelay	2285 RR	2.8	RR	67	2.3	3-Oct	35.0	17.9	2132	73	24	67	61	* 75							
Viking	O.1580	1.5	CN	* 74	2.0	19-Sep	34.1	19.4	2394	* 84	0	72	* 67	-							
Viking	O.1832	1.8	CN	71	2.3	19-Sep	33.4	19.9	2278	80	0	72	62	-							
Viking	O.2022	2.0	CN	69	2.2	20-Sep	33.6	19.8	2212	79	0	65	63	-							
Mean				68	2.4	26-Sep	35.0	18.7	2191	75	13	67	62	74	63	1.1	16-Sep	35.0	19.3	2049	65
LSD(0.10)				5	0.6	2	0.6	0.3	166	8	18	6	6	7	4	0.3	3	0.4	0.2	142	4

* Yields preceded by a "*" are not significantly different (0.10 level) than the highest yielding cultivar.

¹ Herb. Toler. ; Herbicide Tolerance : RR= Tolerance to glyphosate herbicide , STS = Tolerance to Sulfonylurea herbicides, CN = Conventional herbicide tolerance.

² Arlington Site was affected by White Mold in 2006. The disease severity are % of plants expressing White Mold Disease and may explain some lower yields.

³ Racine Site suffered an inadvertent glyphosate application by custom applicator and remaining data is not included in regional averages.

Results that are shaded provide the best estimate of relative variety performance.

TABLE 3. CENTRAL REGION SOYBEAN TEST (Page 1 of 4)

Performance of Public and Commercial Entries at Three Central Wisconsin Locations.

FON = FOND DU LAC, GAL = GALESVILLE, HAN = HANCOCK

Originator/Brand	Entry	Maturity Group	Herb. ¹ Toler.	2006 3-Test Average						2006			2005 3-Test Average						6-Test
				Yield bu/A	Lodging 1-5	Maturity date	Protein %	Oil %	Protein plus Oil lb/A	FON	GAL	HAN	Yield bu/A	Lodging 1-5	Maturity date	Protein %	Oil %	Protein plus Oil lb/A	Ave. Yield bu/A
Public	IA 1010	1.0	CN	58	1.8	23-Sep	35.9	17.3	1856	54	58	62							
Public	MN 1005	1.0	CN	62	2.6	16-Sep	34.8	19.4	2005	57	58	70	56	2.0	11-Sep	34.9	19.1	1808	59
Public	MN 1503	1.5	CN	58	2.0	25-Sep	37.6	18.3	1958	53	55	67							
Public	IA 1006	1.6	CN	59	2.3	24-Sep	35.1	18.3	1910	52	53	73	62	2.0	18-Sep	35.0	18.8	2009	61
Public	MN 1607	1.6	CN	59	2.2	24-Sep	37.3	18.2	1953	53	60	63							
Public	HP 204	1.9	CN	54	3.5	28-Sep	37.9	17.4	1791	47	53	61	51	2.8	23-Sep	38.5	17.6	1715	52
Public	IA 1008	2.0	CN	58	1.9	27-Sep	35.4	18.0	1853	55	56	62	* 66	1.7	22-Sep	35.6	18.5	2133	62
Public	IA 1021	2.0	CN	66	2.5	23-Sep	35.1	17.8	2089	59	59	* 80							
Public	IA 1008LF	2.0	CN	59	1.8	29-Sep	35.6	18.3	1914	53	55	68							
Public	Vinton 81	2.0	CN	50	3.0	28-Sep	38.4	16.8	1658	48	43	60	48	2.5	23-Sep	39.0	17.1	1607	49
Public	IA 1013	2.1	CN	56	3.0	23-Sep	38.1	18.1	1888	51	51	65							
Asgrow	AG 1702	1.7	RR	66	1.6	21-Sep	35.2	18.7	2122	59	65	74							
Asgrow	AG 1903	1.9	RR	65	1.8	25-Sep	34.2	18.0	2033	57	66	72	62	1.2	18-Sep	34.2	18.9	1964	63
Asgrow	AG 2002	2.0	RR	68	1.7	28-Sep	35.2	18.3	2185	56	* 72	76							
Asgrow	AG 2204	2.2	RR	* 70	1.3	27-Sep	35.7	18.2	2272	60	* 72	* 79							
Asgrow	AG 2406	2.4	RR	67	1.6	29-Sep	35.2	18.7	2153	56	70	74							
Blue River	1F44	1.4	CN	53	2.5	19-Sep	38.9	17.5	1788	49	47	62							
Blue River	16A7	1.6	CN	68	1.9	22-Sep	35.1	18.3	2180	61	64	* 79							
Blue River	17YP7	1.7	CN	60	1.8	22-Sep	38.0	18.1	2042	54	55	72							
Brunner	BR-2101 RR	2.1	RR	* 73	1.3	27-Sep	34.3	18.8	2322	* 64	* 75	* 80	62	1.0	18-Sep	34.0	19.7	1986	* 67
Brunner	EXP-2006 RR	2.2	RR	* 70	1.3	24-Sep	34.3	19.5	2273	* 66	69	76							
Brunner	EXP-2206 RR	2.2	RR	64	2.0	3-Oct	36.3	17.9	2090	58	64	70							
Croplan	RT 1992	1.9	RR	* 71	1.7	29-Sep	33.9	19.0	2258	61	* 72	* 80	* 65	1.1	17-Sep	34.0	19.6	2073	* 68
Croplan	RC 2020	2.0	RR	* 73	1.3	27-Sep	34.8	19.2	2363	* 65	* 73	* 81							
Croplan	RT 2092	2.0	RR	64	1.4	2-Oct	33.7	18.5	2018	61	63	69	62	1.0	18-Sep	33.9	19.7	1981	63
Croplan	RT 2127	2.1	RR	* 72	1.3	28-Sep	34.2	18.8	2271	* 63	* 75	* 77							
Croplan	RT 2292	2.2	RR	* 70	1.3	29-Sep	34.3	18.8	2220	59	* 75	75							
Dahlco	4120 RR	1.2	RR	67	2.8	19-Sep	32.8	19.1	2081	58	69	73							
Dahlco	6150 RR	1.5	RR	63	1.5	20-Sep	35.3	19.1	2052	58	60	71							
Dahlco	5170 RRC	1.7	RR	59	2.0	22-Sep	35.6	18.6	1919	53	58	66							

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TABLE 3. CENTRAL REGION SOYBEAN TEST (Page 2 of 4)

Performance of Public and Commercial Entries at Three Central Wisconsin Locations.

FON = FOND DU LAC, GAL = GALESVILLE, HAN = HANCOCK

Originator/Brand	Entry	Maturity Group	Herb. ¹ Toler.	2006 3-Test Average						2006			2005 3-Test Average						6-Test
				Yield bu/A	Lodging 1-5	Maturity date	Protein %	Oil %	Protein plus Oil lb/A	FON	GAL	HAN	Yield bu/A	Lodging 1-5	Maturity date	Protein %	Oil %	Protein plus Oil lb/A	Ave. Yield bu/A
Dairyland	DSR-1701/RRSTS	1.7	RR/STS	* 69	1.9	28-Sep	36.3	18.1	2236	* 63	68	75	61	1.2	15-Sep	35.5	19.1	2020	* 65
Dairyland	DSR-199/RRSTS	1.9	RR/STS	67	1.6	28-Sep	36.0	17.9	2150	59	69	72	* 64	1.1	17-Sep	36.4	18.4	2090	* 65
Dairyland	DSR-2000/RRSTS	2.0	RR/STS	67	2.2	26-Sep	35.1	18.9	2167	59	63	* 79							
Dairyland	DSR-218	2.1	CN	61	1.4	27-Sep	35.3	18.8	1969	53	61	68							
Dairyland	DSR-221/RR	2.2	RR	68	2.1	29-Sep	36.0	17.9	2214	59	68	* 78	61	1.0	18-Sep	36.4	18.4	2000	* 65
Dekalb	DKB 24-52	2.4	RR	67	1.8	30-Sep	35.4	17.9	2135	60	66	74							
Dyna-Gro	33X19	1.9	RR	* 69	1.7	28-Sep	34.8	19.2	2229	61	69	76	* 67	1.0	16-Sep	34.5	20.0	2194	* 68
Dyna-Gro	SX 06720	2.2	RR	68	2.0	28-Sep	35.4	18.6	2215	58	69	* 78							
Dyna-Gro	36D24	2.4	RR	64	2.0	3-Oct	35.2	18.0	2030	59	60	72							
Farm Advantage	7224	2.4	RR	65	2.0	2-Oct	36.5	17.9	2125	60	62	74							
FS Hisoy	HS 2025	2.0	RR	68	1.3	30-Sep	33.7	18.8	2145	60	64	* 80	59	1.0	19-Sep	33.8	19.7	1901	64
Kaltenberg	KB 187 RR	1.8	RR	67	1.4	27-Sep	33.9	18.8	2139	57	68	76	60	1.0	18-Sep	33.8	19.8	1918	64
Kaltenberg	KB 226 RR	2.2	RR	67	1.7	1-Oct	35.4	17.8	2133	61	70	70	* 66	1.0	20-Sep	36.2	18.5	2184	* 67
Kaltenberg	KB 236 RR	2.3	RR	68	2.1	1-Oct	35.5	17.8	2176	* 62	68	74							
Kaltenberg	KB 247 RR	2.4	RR	65	1.7	2-Oct	34.6	18.4	2072	58	67	71							
Kaltenberg	KB 248 RR	2.4	RR	67	2.2	4-Oct	35.4	17.9	2130	60	71	70							
Kruger	K-056 RR	0.6	RR	65	1.3	17-Sep	34.0	19.3	2076	60	66	69							
Kruger	K-072 RR	0.7	RR	64	1.2	13-Sep	35.5	18.6	2080	59	64	70							
Kruger	K-086 RR	0.8	RR	62	1.7	15-Sep	33.8	19.0	1958	58	58	70							
Kruger	K-098 RR	0.9	RR	* 69	1.8	14-Sep	35.3	18.8	2255	* 63	65	* 80							
Kruger	K-100 RR	1.0	RR	67	1.0	15-Sep	35.2	19.3	2195	59	64	* 78							
Kruger	K-120 RR	1.2	RR	65	1.4	18-Sep	35.1	18.3	2072	55	69	71							
Kruger	K-156 RR	1.4	RR	* 70	1.1	19-Sep	36.1	18.5	2292	* 64	69	* 77							
Kruger	K-166 RR/SCN	1.6	RR	64	2.0	23-Sep	36.9	18.4	2114	54	64	74							
Kruger	K-177 RR	1.7	RR	68	1.4	24-Sep	34.6	19.0	2175	57	67	* 79	61	1.2	16-Sep	33.8	19.4	1952	* 65
Kruger	K-188 RR/SCN	1.7	RR	* 69	1.2	23-Sep	34.1	19.6	2250	* 63	71	74							
Kruger	K-186 RR	1.8	RR	* 71	1.3	29-Sep	33.9	18.9	2239	* 64	69	* 79							
Kruger	K-194 RR	1.8	RR	* 69	1.8	29-Sep	34.0	18.3	2153	60	71	76							
Kruger	K-195+RR/SCN	2.0	RR	* 73	1.3	25-Sep	34.6	19.4	2360	* 63	* 72	* 83	* 64	1.1	16-Sep	34.4	20.0	2102	* 69
Kruger	K-201 RR/SCN	2.0	RR	* 69	1.8	27-Sep	35.3	18.7	2240	59	71	* 77							

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TABLE 3. CENTRAL REGION SOYBEAN TEST (Page 3 of 4)

Performance of Public and Commercial Entries at Three Central Wisconsin Locations.

FON = FOND DU LAC, GAL = GALESVILLE, HAN = HANCOCK

Originator/Brand	Entry	Maturity Group	Herb. Toler. ¹	2006 3-Test Average						2006			2005 3-Test Average						6-Test
				Yield	Lodging	Maturity	Protein	Oil	Protein plus Oil	FON	GAL	HAN	Yield	Lodging	Maturity	Protein	Oil	Protein plus Oil	Ave. Yield
				bu/A	1-5	date	%	%	lb/A	----- bu/A -----			bu/A	1-5	date	%	%	lb/A	bu/A
Kruger	K-210 RR/SCN	2.1	RR	68	1.4	29-Sep	35.0	18.7	2190	60	69	75							
Kruger	K-211+RR	2.2	RR	* 69	1.6	30-Sep	33.9	18.8	2195	60	68	* 80	61	1.1	19-Sep	34.1	19.7	1976	* 65
Kruger	K-222 RR/SCN	2.2	RR	68	1.3	2-Oct	36.2	17.5	2174	57	69	* 77							
Kruger	K-223+RR	2.2	RR	* 69	1.3	29-Sep	34.1	18.6	2193	59	* 74	75	61	1.0	18-Sep	33.7	19.7	1937	* 65
Kruger	K-235 RR/SCN	2.3	RR	* 69	1.6	2-Oct	34.8	18.5	2197	59	* 75	72							
Kruger	K-233+RR	2.4	RR	67	1.8	1-Oct	35.9	17.7	2157	58	71	72	* 64	1.0	22-Sep	36.3	18.4	2092	* 65
Kruger	K-234 RR	2.4	RR	65	2.0	1-Oct	35.2	18.3	2095	57	66	73							
Latham	L 1840	1.8	CN	67	2.3	24-Sep	35.6	18.1	2155	60	59	* 81	* 65	1.7	14-Sep	35.3	18.7	2092	* 66
Latham	E 1950 R	1.9	RR	* 70	1.7	28-Sep	34.0	18.3	2180	58	* 74	* 77							
LG Seeds	C 1400 RR	1.4	RR	65	1.3	18-Sep	34.5	19.3	2092	56	63	75	60	1.0	13-Sep	34.5	19.7	1958	63
LG Seeds	C 2159 RR	2.1	RR	68	2.0	2-Oct	36.2	18.0	2203	58	69	76							
NK Brand	S17-A1	1.7	RR	67	2.3	21-Sep	33.7	18.9	2120	58	65	* 79	59	1.0	13-Sep	35.1	19.1	1912	63
NK Brand	S17-P9	1.7	RR	68	2.7	22-Sep	33.4	18.9	2159	* 63	68	74	59	1.6	14-Sep	33.8	18.9	1860	64
NK Brand	S18-N5	1.8	CN	65	1.6	23-Sep	35.3	18.2	2092	61	63	71							
NK Brand	S19-R5	1.9	RR	* 69	1.7	25-Sep	35.4	18.2	2233	60	71	* 77	61	1.0	17-Sep	35.4	18.6	1971	* 65
NK Brand	S21-N6	2.1	RR	* 73	1.4	29-Sep	34.5	18.9	2334	* 64	* 78	* 77							
NK Brand	S23-H2	2.3	RR	64	1.8	30-Sep	34.7	18.0	2016	59	64	69							
NK Brand	S23-Z3	2.3	RR	66	2.0	28-Sep	34.8	18.2	2095	60	64	74	* 67	1.8	17-Sep	34.5	19.1	2148	* 67
NK Brand	S24-K6	2.4	RR	61	1.7	30-Sep	36.1	17.2	1969	54	62	68							
O'Brien	O'Soy 120 RR	1.2	RR	62	1.5	15-Sep	34.0	18.9	1963	54	65	66							
O'Brien	O'Soy 145 RR	1.4	RR	64	2.0	18-Sep	35.2	19.2	2098	57	65	71							
O'Brien	O'Soy 200 RRHO	2.0	RR	66	2.0	26-Sep	33.6	19.6	2084	55	68	74							
O'Brien	O'Soy 211 RR	2.1	RR	67	1.3	29-Sep	34.3	18.7	2132	59	68	74	59	1.0	20-Sep	34.0	19.7	1884	63
Pattison	7317	1.7	CN	57	2.8	26-Sep	38.5	17.8	1944	51	52	69							
Pattison	7718	1.8	CN	65	1.9	26-Sep	35.2	18.3	2072	58	62	74							
Pattison	7588	2.2	CN	58	3.3	1-Oct	36.5	17.5	1893	52	56	66							
Pioneer	91M10	1.1	CN	66	1.5	14-Sep	35.7	19.0	2148	60	65	72							
Pioneer	91M70	1.7	RR	64	1.9	21-Sep	35.8	18.1	2060	59	59	73	57	1.2	12-Sep	36.0	18.5	1867	61
Pioneer	91M91	1.9	RR	68	1.9	22-Sep	34.1	19.1	2169	56	69	* 78	62	1.3	14-Sep	33.9	19.4	1985	* 65
Pioneer	92M01	2.0	RR	68	2.0	26-Sep	36.5	17.8	2176	* 63	63	* 77	* 68	1.5	16-Sep	36.5	18.3	2231	* 68

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TABLE 3. CENTRAL REGION SOYBEAN TEST (Page 4 of 4)

Performance of Public and Commercial Entries at Three Central Wisconsin Locations.

FON = FOND DU LAC, GAL = GALESVILLE, HAN = HANCOCK

Originator/Brand	Entry	Maturity Group	Herb. ¹ Toler.	2006 3-Test Average						2006			2005 3-Test Average						6-Test
				Yield bu/A	Lodging 1-5	Maturity date	Protein %	Oil %	Protein plus Oil lb/A	FON	GAL	HAN	Yield bu/A	Lodging 1-5	Maturity date	Protein %	Oil %	Protein plus Oil lb/A	Ave. Yield bu/A
Pioneer	92M02	2.0	RR	67	1.1	27-Sep	34.8	18.8	2159	* 62	65	75							
Pioneer	92M10	2.1	CN	62	1.8	29-Sep	35.0	18.1	1986	55	59	72							
Pioneer	92M32	2.3	RR	* 71	1.5	29-Sep	34.0	18.7	2255	59	* 74	* 80	62	1.0	19-Sep	33.5	19.7	1978	* 67
Prairie Brand	PB-1725 RR	1.7	RR	68	1.4	23-Sep	34.2	19.1	2165	56	69	* 78	56	1.1	14-Sep	36.2	18.4	1841	62
Prairie Brand	PB-1885 NRR	1.8	RR	* 70	1.4	23-Sep	34.3	19.5	2263	60	69	* 81							
Prairie Brand	PB-1916 RR	1.9	RR	67	1.7	28-Sep	33.8	18.3	2083	57	68	75							
Renk	RS 156 RR	1.5	RR	66	1.1	19-Sep	34.8	19.2	2130	61	65	73							
Renk	RS 165 RR	1.6	RR	65	1.0	23-Sep	36.1	18.4	2114	58	66	70							
Renk	RS 185 RR	1.8	RR	* 69	1.3	26-Sep	33.8	18.9	2193	60	69	* 78	* 63	1.0	18-Sep	33.9	19.6	2011	* 66
Renk	RS 204 NRR	2.0	RR	68	1.4	27-Sep	34.8	19.3	2198	60	68	75	* 64	1.1	17-Sep	34.3	20.0	2072	* 66
Renk	RS 223 RR	2.2	RR	68	1.5	29-Sep	34.2	18.7	2142	58	71	74	61	1.1	18-Sep	33.8	19.7	1950	64
Renk	RS 246 NRR	2.4	RR	66	1.8	1-Oct	35.4	17.9	2122	57	69	73							
Stine	1108-4	1.0	RR	* 70	1.8	18-Sep	34.9	18.9	2238	* 63	70	76							
Stine	1918-4	1.9	RR	* 69	1.5	27-Sep	33.5	19.0	2167	* 62	71	75	* 64	1.0	20-Sep	34.3	19.5	2060	* 67
Trelay	2155 RR	1.5	RR	67	1.1	22-Sep	35.0	19.0	2189	60	67	75							
Trelay	2164 RR	1.6	RR	68	1.3	23-Sep	33.9	19.1	2167	61	67	* 77							
Trelay	2225 RR	2.2	RR	65	1.3	30-Sep	36.3	17.5	2116	57	64	75							
MEAN				66	1.8	25-Sep	35.2	18.5	2117	58	65	74	61	1.2	17-Sep	34.9	19.1	1963	64
LSD(0.10)				4	0.6	3	0.7	0.3	130	4	6	6	6	0.5	5	0.6	0.3	202	4

* Yields preceded by a "*" are not significantly different (0.10 level) than the highest yielding cultivar.

¹ Herb. Toler. ; Herbicide Tolerance : RR= Tolerance to glyphosate herbicide , STS = Tolerance to Sulfonylurea herbicides, CN = Conventional herbicide tolerance.

Results that are shaded provide the best estimate of relative variety performance.

TABLE 4. NORTH-CENTRAL REGION SOYBEAN TEST (Page 1 of 3)

Performance of Public and Commercial Entries at Three North Central Wisconsin Locations.
 CHP=CHIPPEWA FALLS, MAR=MARSHFIELD, SEY=SEYMOUR

Originator/Brand	Entry	Maturity Group	Herb. ¹ Toler.	2006 3-Test Average						2006 Yields			2005 3-Test Average					6-Test	
				Yield bu/A	Lodging	Maturity date	Protein %	Oil %	Protein plus Oil lb/A	CHP	MAR	SEY	Yield bu/A	Lodging	Maturity date	Protein %	Oil %	Protein plus Oil lb/A	Ave. Yield bu/A
Public	MN 0302	0.3	CN	41	1.0	8-Sep	35.6	19.1	1337	30	47	46	31	1.0	5-Sep	35.2	19.2	957	36
Public	IA 1010	1.0	CN	46	1.0	30-Sep	36.5	17.0	1454	40	51	46							
Public	MN 1005	1.0	CN	* 49	1.5	18-Sep	34.3	19.3	1578	41	58	49	34	1.0	10-Sep	34.8	19.1	1087	42
Public	MN 1503	1.5	CN	45	1.2	25-Sep	37.0	18.3	1496	39	54	42							
Public	IA 1006	1.6	CN	48	1.3	27-Sep	35.0	18.2	1526	* 45	56	43	* 40	1.0	23-Sep	34.8	18.9	1273	44
Public	MN 1607	1.6	CN	46	1.2	27-Sep	37.1	18.0	1524	41	52	45							
Public	HP 204	1.9	CN	42	1.4	30-Sep	38.3	17.0	1378	42	48	36	37	1.1	26-Sep	39.4	17.3	1259	40
Public	IA 1008	2.0	CN	46	1.1	29-Sep	34.4	18.5	1446	39	53	45	39	1.0	24-Sep	35.5	18.5	1254	42
Public	IA 1008LF	2.0	CN	48	1.1	29-Sep	34.9	18.5	1533	* 43	55	46							
Public	Vinton 81	2.0	CN	37	1.5	29-Sep	37.7	17.0	1203	25	44	41	38	1.1	27-Sep	38.9	17.0	1262	37
Asgrow	AG 0604	0.6	RR	46	1.0	13-Sep	34.3	20.0	1495	34	56	48							
Asgrow	AG 0803	0.8	RR	44	1.2	12-Sep	34.2	19.3	1423	31	52	50							
Asgrow	AG 1002	1.0	RR	48	1.0	14-Sep	34.7	19.0	1539	39	51	* 53							
Asgrow	AG 1102	1.1	RR	* 52	1.3	15-Sep	33.1	18.9	1619	* 47	55	* 54	39	1.0	19-Sep	34.5	18.5	1236	* 46
Asgrow	AG 1402	1.4	RR	44	1.0	17-Sep	34.5	19.1	1411	28	50	* 54							
Blue River	0F41	0.4	CN	39	1.3	9-Sep	36.1	18.7	1275	31	38	49							
Blue River	1A24	1.2	CN	46	1.2	27-Sep	36.1	17.9	1496	38	52	49							
Blue River	1F44	1.4	CN	44	1.0	22-Sep	38.1	17.6	1466	36	50	47							
Brown	B 099	1.1	CN	45	1.1	19-Sep	34.7	19.2	1435	32	53	49							
Brown	B 2141 RR	1.4	RR	44	1.0	24-Sep	34.9	18.3	1407	34	50	48							
Brunner	EXP-1406 RR	1.4	RR	* 49	1.0	23-Sep	35.4	18.5	1580	41	52	* 55							
Brunner	BR-1500 RR	1.5	RR	47	1.0	21-Sep	35.8	18.5	1524	* 43	49	49	39	1.0	23-Sep	35.9	18.6	1269	43
Brunner	EXP-1606 RR	1.6	RR	48	1.0	21-Sep	34.4	19.2	1540	41	54	49							
Brunner	BR-1705 RR	1.7	RR	* 50	1.0	26-Sep	33.8	19.5	1606	* 48	51	51	38	1.0	28-Sep	34.9	19.2	1245	44
Croplan	RT 0887	0.8	RR	45	1.0	17-Sep	35.0	18.3	1446	33	53	50							
Croplan	RT 1199	1.1	RR	* 52	1.1	20-Sep	32.3	19.3	1641	* 50	58	49							
Croplan	RT 1595	1.5	RR	* 49	1.1	21-Sep	34.3	19.4	1570	37	56	* 54							
Croplan	RT 1784	1.7	RR	47	1.0	25-Sep	34.0	19.2	1502	38	53	51							
Croplan	RC 1820	1.8	RR	* 50	1.0	24-Sep	33.7	19.8	1594	* 43	55	51	* 40	1.0	29-Sep	34.7	19.7	1315	* 45
Dahlco	6050 RR	0.5	RR	39	1.1	11-Sep	34.5	19.6	1271	33	42	43							

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TABLE 4. NORTH-CENTRAL REGION SOYBEAN TEST (Page 2 of 3)

Performance of Public and Commercial Entries at Three North Central Wisconsin Locations.

CHP=CHIPPEWA FALLS, MAR=MARSHFIELD, SEY=SEYMOUR

Originator/Brand	Entry	Maturity Group	Herb. ¹ Toler.	2006 3-Test Average						2006 Yields			2005 3-Test Average					6-Test	
				Yield	Lodging	Maturity	Protein	Oil	Protein plus Oil	CHP	MAR	SEY	Yield	Lodging	Maturity	Protein	Oil	Protein plus Oil	Ave. Yield
				bu/A	1-5	date	%	%	lb/A	-----bu/A-----			bu/A	1-5	date	%	%	lb/A	bu/A
Dahlco	5070 RR	0.7	RR	43	1.1	13-Sep	33.3	19.8	1377	33	52	43							
Dahlco	6090 RR	0.9	RR	46	1.0	13-Sep	35.3	19.5	1490	38	51	48							
Dahlco	6100 RR	1.0	RR	* 49	1.0	15-Sep	35.2	18.9	1595	39	* 59	50							
Dairyland	DSR-1500/RRSTS	1.5	RR/STS	* 50	1.1	23-Sep	35.2	18.3	1583	* 45	54	50	* 41	1.0	19-Sep	35.7	18.7	1319	* 45
Dairyland	DSR-1520/RR	1.5	RR	* 50	1.0	23-Sep	35.6	18.2	1602	42	53	* 54	39	1.0	22-Sep	36.5	18.2	1281	* 45
Dairyland	DSR-1701/RRSTS	1.7	RR/STS	* 49	1.0	28-Sep	34.9	18.6	1584	* 43	54	51							
Dekalb	DKB 16-52	1.6	RR	* 51	1.0	20-Sep	34.8	18.8	1639	* 47	56	51							
Dyna-Gro	36G14	1.4	RR	47	1.0	19-Sep	35.5	18.7	1531	38	52	* 52							
Dyna-Gro	37R17	1.7	RR	47	1.2	24-Sep	33.9	19.3	1508	41	52	49							
Dyna-Gro	33X19	1.9	RR	* 52	1.1	27-Sep	34.2	19.5	1661	* 47	56	* 53	* 41	1.0	27-Sep	34.9	19.7	1334	* 47
Kaltenberg	KB 135 RR	1.3	RR	* 50	1.2	21-Sep	35.0	18.8	1600	42	54	* 53	* 41	1.0	12-Sep	36.4	18.5	1348	* 45
Kaltenberg	KB 177 RR	1.7	RR	* 49	1.0	23-Sep	33.8	19.7	1584	* 43	55	50							
Kaltenberg	KB 195 RR	1.9	RR	* 49	1.3	27-Sep	35.2	18.3	1562	41	55	51	* 41	1.0	25-Sep	34.8	19.0	1348	* 45
Kaltenberg	KB 206 RR	2.0	RR	* 49	1.0	29-Sep	35.2	18.0	1561	41	54	* 52	* 40	1.0	29-Sep	35.7	18.3	1334	* 45
Kruger	K-042 RR	0.4	RR	43	1.1	9-Sep	34.3	19.8	1384	29	49	51							
Kruger	K-056 RR	0.6	RR	* 49	1.0	14-Sep	34.4	19.0	1566	38	56	* 54							
Kruger	K-072 RR	0.7	RR	45	1.0	11-Sep	35.5	18.8	1465	32	49	* 55							
Kruger	K-086 RR	0.8	RR	43	1.2	15-Sep	33.4	18.8	1347	31	51	48							
Kruger	K-098 RR	0.9	RR	* 49	1.0	17-Sep	35.2	19.1	1584	38	56	* 52	38	1.0	14-Sep	36.5	18.6	1246	43
Kruger	K-100 RR	1.0	RR	48	1.0	18-Sep	35.0	19.3	1549	38	52	* 54	36	1.0	21-Sep	36.0	19.0	1195	42
Kruger	K-120 RR	1.2	RR	45	1.0	19-Sep	34.7	18.5	1431	34	51	50							
Kruger	K-156 RR	1.4	RR	44	1.0	21-Sep	35.6	18.7	1435	30	53	49							
Kruger	K-166 RR/SCN	1.6	RR	47	1.2	23-Sep	35.2	19.0	1542	39	55	48							
Kruger	K-177 RR	1.7	RR	* 49	1.1	24-Sep	33.7	19.1	1528	39	52	* 55	* 40	1.0	26-Sep	36.2	18.9	1293	44
Kruger	K-188 RR/SCN	1.7	RR	* 51	1.0	25-Sep	33.5	19.7	1633	42	56	* 56							
Kruger	K-186 RR	1.8	RR	* 50	1.0	28-Sep	33.6	19.0	1579	39	* 60	* 52							
Kruger	K-194 RR	1.8	RR	48	1.0	28-Sep	33.5	18.5	1509	42	54	49							
NK Brand	S 08-80	0.8	CN	45	1.1	16-Sep	35.7	18.9	1450	36	53	45							
NK Brand	S08-C3	0.8	RR	43	1.1	15-Sep	33.7	19.2	1356	33	47	48							
NK Brand	S12-P4	1.2	RR	46	1.0	18-Sep	35.1	18.8	1480	36	51	51							

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TABLE 4. NORTH-CENTRAL REGION SOYBEAN TEST (Page 3 of 3)

Performance of Public and Commercial Entries at Three North Central Wisconsin Locations.

CHP=CHIPPEWA FALLS, MAR=MARSHFIELD, SEY=SEYMOUR

Originator/Brand	Entry	Maturity Group	Herb. ¹ Toler.	2006 3-Test Average						2006 Yields			2005 3-Test Average					6-Test	
				Yield bu/A	Lodging	Maturity date	Protein %	Oil %	Protein plus Oil lb/A	CHP	MAR	SEY	Yield bu/A	Lodging	Maturity date	Protein %	Oil %	Protein plus Oil lb/A	Ave. Yield bu/A
NK Brand	S14-A7	1.4	RR	48	1.0	21-Sep	33.7	19.5	1540	39	51	* 55	38	1.0	18-Sep	35.0	18.7	1218	43
NK Brand	S15-E3	1.5	RR	* 49	1.2	22-Sep	34.3	18.2	1539	* 43	49	* 55							
NK Brand	S17-A1	1.7	RR	* 52	1.2	22-Sep	32.9	18.9	1605	* 43	58	* 54	38	1.0	24-Sep	35.2	18.0	1242	* 45
NK Brand	S18-N5	1.8	CN	* 53	1.1	28-Sep	35.4	18.3	1684	* 47	57	* 54							
NK Brand	S19-R5	1.9	RR	47	1.0	24-Sep	34.5	18.6	1489	36	55	50	* 41	1.0	25-Sep	37.0	18.3	1340	44
NK Brand	S21-N6	2.1	RR	* 54	1.0	28-Sep	32.9	19.6	1707	* 45	* 63	* 55							
O'Brien	O'Soy 120 RR	1.2	RR	45	1.0	17-Sep	33.1	19.2	1415	39	52	45							
O'Brien	O'Soy 145 RR	1.4	RR	* 49	1.1	21-Sep	34.7	19.3	1580	40	54	* 52							
Pattison	7317	1.7	CN	43	1.7	30-Sep	38.5	17.6	1434	39	48	43							
Pioneer	91M10	1.1	CN	47	1.0	15-Sep	35.9	18.6	1533	34	56	* 52							
Pioneer	91M13	1.1	RR	42	1.1	15-Sep	35.0	19.5	1372	29	48	50	36	1.0	12-Sep	34.3	19.1	1180	39
Pioneer	91M30	1.3	RR	42	1.0	15-Sep	33.4	20.0	1349	30	51	46							
Pioneer	91M51	1.5	RR	43	1.1	17-Sep	34.3	19.6	1402	28	50	* 52	* 40	1.0	18-Sep	35.7	19.9	1287	42
Pioneer	91M61	1.6	RR	40	1.0	20-Sep	34.1	19.8	1306	26	48	47							
Pioneer	91M70	1.7	RR	* 49	1.0	22-Sep	34.7	18.5	1572	39	56	* 53	* 41	1.0	21-Sep	34.4	18.3	1336	* 45
Prairie Brand	PB-0936 RR	0.9	RR	* 50	1.1	17-Sep	34.9	19.1	1620	* 45	52	* 53							
Prairie Brand	PR-1256 RR	1.2	RR	48	1.0	18-Sep	34.7	18.5	1498	41	50	* 52							
Prairie Brand	PB-1725 RR	1.7	RR	48	1.0	26-Sep	33.7	19.3	1533	37	54	* 53	* 40	1.0	21-Sep	33.7	18.4	1319	44
Renk	RS 095 RR	0.9	RR	48	1.0	17-Sep	35.2	19.3	1558	34	58	* 52	38	1.0	19-Sep	35.6	18.1	1215	43
Renk	RS 115 RR	1.1	RR	46	1.0	18-Sep	35.0	19.3	1505	32	54	* 53	39	1.0	18-Sep	36.3	19.3	1274	43
Renk	RS 156 RR	1.5	RR	48	1.0	20-Sep	34.4	19.5	1550	39	54	* 52							
Renk	RS 165 RR	1.6	RR	* 49	1.1	25-Sep	35.5	18.5	1572	42	53	51	39	1.0	24-Sep	35.7	18.7	1262	44
Renk	RS 185 RR	1.8	RR	* 52	1.0	29-Sep	33.6	19.0	1643	42	* 59	* 55	* 44	1.0	27-Sep	35.6	19.0	1446	* 48
Stine	1108-4	1.0	RR	* 51	1.2	17-Sep	34.9	19.1	1627	* 44	55	* 53							
Stine	1330-4	1.2	RR	47	1.0	21-Sep	34.8	19.3	1521	32	54	* 54	* 40	1.0	21-Sep	35.5	19.3	1319	44
Trelay	2103 RR	1.0	RR	* 53	1.0	19-Sep	35.2	19.0	1696	* 45	55	* 58							
Trelay	2133 RR	1.3	RR	45	1.0	27-Sep	35.1	18.9	1469	35	54	47							
MEAN				47	1.1	20-Sep	34.8	18.9	1510	38	53	50	38	1.0	20-Sep	35.6	18.8	1242	43
LSD(0.10)				5	0.3	3	0.8	0.4	152	7	4	6	4	ns	4	0.8	0.5	131	3

* Yields preceded by a "*" are not significantly different (0.10 level) than the highest yielding cultivar.

¹ Herb. Toler. ; Herbicide Tolerance : RR= Tolerance to glyphosate herbicide, STS = Tolerance to Sulfonylurea herbicides, CN = Conventional herbicide tolerance.

Results that are shaded provide the best estimate of relative variety performance.

TABLE 5. NORTHERN REGION SOYBEAN TEST (Page 1 of 2)

Performance of Public and Commercial Entries at Three Northern Wisconsin Locations.

SPD=SPOONER DRYLAND, SPI=SPOONER IRRIGATED, STR=STURGEON BAY

Originator/Brand	Entry	Maturity Group	Herb. ¹ Toler.	2006 3-Test Average						2006 Yields			2005 3-Test Average						6-Test
				Yield	Lodging	Maturity	Protein	Oil	Protein plus Oil	SPD	SPI	STR	Yield	Lodging	Maturity	Protein	Oil	Protein plus Oil	Ave. Yield
				bu/A	1-5	date	%	%	lb/A	-----bu/A-----			bu/A	1-5	date	%	%	lb/A	bu/A
Public	Trail	0.0	CN	30	1.0	10-Sep	36.1	18.1	974	16	33	41	32	1.4	17-Sep	37.2	17.7	1044	31
Public	MN 0302	0.3	CN	38	1.0	14-Sep	35.2	18.8	1228	24	39	* 50	42	1.2	24-Sep	36.0	18.4	1347	40
Public	Surge	0.9	CN	* 41	1.0	21-Sep	35.9	18.7	1347	24	* 49	* 50	43	1.2	29-Sep	37.6	18.2	1422	* 42
Public	IA 1010	1.0	CN	34	1.0	1-Oct	36.1	17.3	1074	15	44	42							
Public	MN 1005	1.0	CN	* 41	1.5	18-Sep	34.8	18.9	1307	* 27	* 45	* 50	42	1.6	29-Sep	35.9	18.4	1349	* 41
Blue River	0F41	0.4	CN	36	1.0	11-Sep	35.5	18.6	1164	16	41	* 51							
Brunner	BR-0606 RR	0.6	RR	* 42	1.0	17-Sep	35.6	18.8	1366	* 29	* 50	46							
Brunner	BR-0706 RR	0.7	RR	38	1.0	11-Sep	35.0	18.6	1219	24	37	* 53							
Brunner	BR-1005 RR	1.0	RR	* 40	1.0	20-Sep	35.6	18.0	1302	* 27	42	* 52							
Croplan	RT 0887	0.8	RR	39	1.0	20-Sep	35.3	18.2	1306	* 28	41	48							
Croplan	RT 1199	1.1	RR	39	1.3	22-Sep	33.6	18.4	1213	* 25	43	* 50							
Dairyland	DSR-0701/RR	0.7	RR	37	1.0	15-Sep	35.4	18.7	1189	* 25	39	48	43	1.3	23-Sep	35.2	18.5	1370	40
Dairyland	DSR-0902/RRSTS	0.9	RR/STS	37	1.0	19-Sep	33.5	19.1	1172	* 25	41	46							
Dairyland	DSR-0903/RR	0.9	RR	36	1.0	17-Sep	33.7	19.7	1195	21	39	47							
Dairyland	DSR-1301/RR	1.3	RR	35	1.0	23-Sep	35.2	18.8	1152	20	43	43	* 50	1.2	24-Sep	36.0	18.4	1628	* 43
Dairyland	DSR-1302/RRSTS	1.3	RR/STS	* 40	1.0	22-Sep	34.0	18.4	1236	* 26	* 48	45							
Kaltenberg	KB 087 RR	0.8	RR	* 42	1.0	18-Sep	34.9	18.7	1338	21	* 53	* 52							
Kaltenberg	KB 094 RR	0.9	RR	39	1.0	18-Sep	34.7	18.9	1237	22	44	* 50	* 52	1.4	23-Sep	35.5	18.9	1694	* 46
Kaltenberg	KB 106 RR	1.0	RR	* 42	1.0	21-Sep	35.3	18.7	1345	* 25	* 50	* 50							
Kruger	K-008 RR	0.1	RR	30	1.0	7-Sep	35.3	18.7	981	18	29	44							
Kruger	K-009+RR	0.1	RR	33	1.0	7-Sep	35.8	18.9	1071	20	33	45							
Kruger	K-042 RR	0.4	RR	35	1.0	13-Sep	33.3	19.7	1121	24	37	43							
Kruger	K-056 RR	0.6	RR	* 41	1.0	18-Sep	34.6	18.7	1293	23	* 46	* 53							
Kruger	K-072 RR	0.7	RR	* 45	1.0	13-Sep	35.8	18.4	1443	* 32	* 51	* 52							
Kruger	K-086 RR	0.8	RR	39	1.2	17-Sep	33.8	18.7	1206	20	* 45	* 51							
Kruger	K-098 RR	0.9	RR	* 40	1.0	17-Sep	33.8	19.2	1243	* 29	42	48							
Kruger	K-100 RR	1.0	RR	39	1.0	20-Sep	35.4	18.8	1274	* 26	40	* 52							
NK Brand	S06-D9	0.6	RR	34	1.2	11-Sep	36.5	18.5	1117	19	34	49							
NK Brand	S 08-80	0.8	CN	36	1.0	19-Sep	36.0	18.5	1205	22	36	* 50							
NK Brand	S08-C3	0.8	RR	39	1.0	15-Sep	34.7	18.6	1243	* 26	40	* 52	* 46	1.1	26-Sep	34.9	18.5	1466	* 43

Continued

TABLE 5. NORTHERN REGION SOYBEAN TEST (Page 2 of 2)

Performance of Public and Commercial Entries at Three Northern Wisconsin Locations.

SPD=SPOONER DRYLAND, SPI=SPOONER IRRIGATED, STR=STURGEON BAY

Originator/Brand	Entry	Maturity Group	Herb. ¹ Toler.	2006 3-Test Average						2006 Yields			2005 3-Test Average						6-Test
				Yield bu/A	Lodging	Maturity date	Protein %	Oil %	Protein plus Oil lb/A	SPD	SPI	STR	Yield bu/A	Lodging	Maturity date	Protein %	Oil %	Protein plus Oil lb/A	Ave. Yield bu/A
NK Brand	S08-M8	0.8	RR	* 42	1.0	16-Sep	34.3	18.3	1297	21	* 47	* 57							
NK Brand	S10-T1	1.0	RR	35	1.0	16-Sep	35.1	18.2	1134	21	36	48	40	1.0	27-Sep	35.5	18.1	1284	38
NK Brand	S12-P4	1.2	RR	* 40	1.0	19-Sep	35.0	18.5	1287	24	* 51	44							
Pioneer	90M60	0.6	RR	36	1.0	13-Sep	35.1	18.6	1149	* 25	31	* 51	43	1.3	17-Sep	35.7	18.4	1378	39
Pioneer	90M61	0.6	RR	34	1.0	14-Sep	34.8	19.5	1116	19	33	* 51	41	1.0	21-Sep	35.9	18.9	1345	38
Pioneer	90M91	0.9	RR	36	1.0	14-Sep	33.8	19.3	1131	24	38	45	42	1.1	23-Sep	35.7	18.3	1346	39
Pioneer	91M10	1.1	CN	* 44	1.0	18-Sep	35.5	18.7	1410	* 29	* 51	* 51							
Pioneer	91M13	1.1	RR	37	1.0	15-Sep	34.7	19.1	1206	* 25	42	45	* 47	1.1	24-Sep	36.2	18.6	1524	* 42
Pioneer	91M30	1.3	RR	36	1.0	19-Sep	33.9	19.3	1131	24	42	42							
Renk	RS 076 RR	0.7	RR	38	1.0	12-Sep	34.8	18.9	1200	* 29	42	42							
Renk	RS 095 RR	0.9	RR	38	1.0	22-Sep	34.9	19.0	1213	* 25	41	47	* 49	1.2	3-Oct	36.1	17.5	1556	* 43
Stine	1108-4	1.0	RR	39	1.0	21-Sep	34.3	19.0	1220	24	44	48							
MEAN				38	1.0	16-Sep	34.9	18.7	1216	24	42	48	44	1.2	23-Sep	35.8	18.4	1428	40
LSD(0.10)				5	ns	3	1.0	0.5	168	7	8	7	6	ns	6	0.7	0.3	191	5

* Yields preceded by a "*" are not significantly different (0.10 level) than the highest yielding cultivar.

¹ Herb. Toler. ; Herbicide Tolerance : RR= Tolerance to glyphosate herbicide, STS = Tolerance to Sulfonyleurea herbicides, CN = Conventional herbicide tolerance.

Results that are shaded provide the best estimate of relative variety performance.

TABLE 6. EARLY MATURITY (MG 0.0-1.4) SOYBEAN WHITE MOLD TEST

Performance of Public and Commercial Entries In White Mold Disease Field Environment at Marshfield, WI.

Originator/Brand	Entry	Maturity Group	Herb. ¹ Toler.	2006						2005						2-Year	
				Yield	White Mold ²	Lodging	Protein	Oil	Protein plus Oil	Yield	White Mold ²	Lodging	Protein	Oil	Protein plus Oil	Yield	White Mold ²
				bu/A	%	1-5	%	%	lb/A	bu/A	%	1-5	%	%	lb/A	bu/A	%
Public	Traill	0.0	CN	38	1	1.0	36.1	18.0	1225	54	7	3.3	37.9	17.0	1787	46	4
Public	MN 0302	0.3	CN	41	1	1.0	34.0	19.2	1317	56	14	1.5	35.6	18.3	1822	49	8
Public	Surge	0.9	CN	51	11	1.0	36.1	18.5	1667	60	50	2.5	38.3	17.7	1998	56	31
Public	MN 1005	1.0	CN	* 61	20	1.3	34.5	18.7	1960	58	41	3.5	36.7	18.0	1896	60	30
Dairyland	DSR-1301/RR	1.3	RR	57	26	1.0	35.1	18.5	1840	67	28	1.5	36.5	18.1	2192	* 62	27
Dairyland	DSR-1302/RRSTS	1.3	RR/STS	* 61	26	1.0	34.7	17.6	1900								
Kaltenberg	KB 106 RR	1.0	RR	* 59	30	1.0	34.4	18.5	1878	* 72	56	2.5	36.0	17.9	2331	* 66	43
Kruger	K-056 RR	0.6	RR	* 58	19	1.0	34.0	18.6	1835								
Kruger	K-072 RR	0.7	RR	57	15	1.3	35.3	18.3	1820								
Kruger	K-086 RR	0.8	RR	* 60	16	1.0	34.1	18.0	1858								
Kruger	K-100 RR	1.0	RR	* 63	33	1.0	34.8	18.4	2002	69	29	1.3	36.6	18.1	2266	* 66	31
Kruger	K-120 RR	1.2	RR	* 58	20	1.0	35.1	17.6	1821								
Kruger	K-156 RR	1.4	RR	* 60	23	1.0	36.2	17.9	1939								
NuTech	NT-0330+ RR	0.3	RR	* 61	6	1.0	33.4	19.8	1957								
NuTech	NT-0636+ RR	0.6	RR	* 59	9	1.0	33.9	18.4	1849								
NuTech	NT-0701+ RR	0.7	RR	57	16	1.0	33.9	18.1	1782								
NuTech	NT-0706+ RR	0.7	RR	55	10	1.0	33.5	19.1	1724								
NuTech	NT-0999+ RR	0.9	RR	* 61	15	1.0	34.9	18.3	1959								
NuTech	NT-1127+ RR	1.1	RR	57	24	1.0	35.3	17.8	1805								
Pioneer	90M61	0.6	RR	51	6	1.0	34.6	19.9	1677	64	14	1.0	35.6	19.1	2084	58	10
MEAN				56	16	1.0	34.7	18.4	1791	64	31	1.9	36.6	17.9	2080	58	23
LSD(0.10)				5	10	ns	0.5	0.2	142	5	18	0.8	0.6	0.3	164	4	11

* Yields preceded by a "*" are not significantly different (0.10 level) than the highest yielding cultivar.

¹ Herb. Toler. ; Herbicide Tolerance : RR= Tolerance to glyphosate herbicide, STS = Tolerance to Sulfonylurea herbicides, CN = Conventional herbicide tolerance.

² White Mold data is expressed as a percent of diseased plants.

Results that are shaded provide the best estimate of relative variety performance.

TABLE 7. MID MATURITY (MG 1.5-1.9) SOYBEAN WHITE MOLD TEST

Performance of Public and Commercial Entries In White Mold Disease Field Environment at Marshfield, WI.

Originator/Brand	Entry	Maturity Group	Herb. ¹ Toler.	2006						2005						2-Year	
				Yield bu/A	White Mold ² %	Lodging 1-5	Protein %	Oil %	Protein plus Oil lb/A	Yield bu/A	White Mold ² %	Lodging 1-5	Protein %	Oil %	Protein plus Oil lb/A	Yield bu/A	White Mold ² %
Public	IA 1006	1.6	CN	52	18	3.0	34.6	17.2	1632	63	36	3.3	36.4	17.6	2044	58	27
Dairyland	DSR-1701/RRSTS	1.7	RR/STS	* 60	31	2.8	35.8	17.3	1909								
Kaltenberg	KB 187 RR	1.8	RR	* 62	31	2.0	33.5	18.1	1909	* 73	35	1.5	35.0	18.3	2334	* 68	33
Kruger	K-186 RR	1.8	RR	* 66	25	2.3	33.9	17.9	2041								
Kruger	K-166 RR/SCN	1.6	RR	59	30	2.8	35.4	18.0	1904	62	49	2.3	37.3	17.8	2043	61	39
Kruger	K-177 RR	1.7	RR	* 60	20	1.5	34.1	18.5	1884	* 74	19	2.0	35.5	18.2	2370	* 67	19
Kruger	K-188 RR/SCN	1.7	RR	* 63	35	2.0	33.6	18.9	1997	* 75	30	1.8	34.5	19.0	2399	* 69	33
Kruger	K-194 RR	1.8	RR	49	63	2.3	33.2	17.4	1497								
Latham	L 1756 R	1.7	RR	* 63	19	2.5	33.9	18.3	1979	* 77	26	2.3	35.7	18.2	2473	* 70	23
Midwest	GR 1735	1.7	RR	59	26	1.5	33.6	18.3	1852	* 73	26	2.5	35.8	18.1	2350	* 66	26
NuTech	NT-1766+ RR	1.7	RR	59	49	2.0	35.0	16.7	1815								
NuTech	NT-1991+ RR	1.9	RR	54	54	2.3	33.1	17.3	1631								
Pioneer	91M51	1.5	RR	57	23	1.8	33.7	19.0	1812	60	24	1.3	35.5	18.6	1957	59	23
Trelay	2164 RR	1.6	RR	* 63	28	2.0	33.6	18.2	1953								
MEAN				59	32	2.2	34.0	17.9	1844	67	35	2.2	36.1	17.9	2174	65	28
LSD(0.10)				6	10	0.7	0.7	0.4	177	6	14	0.8	0.6	0.4	187	4	9

* Yields preceded by a "*" are not significantly different (0.10 level) than the highest yielding cultivar.

¹ Herb. Toler. ; Herbicide Tolerance : RR= Tolerance to glyphosate herbicide, STS = Tolerance to Sulfonylurea herbicides, CN = Conventional herbicide tolerance.

² White Mold data is expressed as a percent of diseased plants.

Results that are shaded provide the best estimate of relative variety performance.

TABLE 8. LATE MATURITY (MG 2.0-2.9) SOYBEAN WHITE MOLD TEST (Page 1 of 2)

Performance of Public and Commercial Entries In White Mold Disease Field Environment at Arlington, WI.

Originator/Brand	Entry	Maturity Herb. ¹ Group Toler.		2006						2005						2-Year		
				Yield	White	Lodging	Protein	Oil	Protein	Yield	White	Lodging	Protein	Oil	Protein	Yield	White	
				bu/A	Mold ² %	1-5	%	%	lb/A	bu/A	Mold ² %	1-5	%	%	lb/A	bu/A	%	
Public	IA 1008	2.0	CN	57	4	2.3	34.3	18.3	1808									
Public	Titan	2.1	CN	55	0	2.3	33.3	19.0	1720	53	15	1.5	34.8	18.7	1696	54	8	
Dairyland	DSR-218	2.1	CN	64	4	1.3	34.7	19.0	2046	57	9	1.0	35.5	19.0	1872	61	6	
Dairyland	DSR-221/RR	2.2	RR	68	6	2.0	36.1	18.0	2202	* 63	9	1.0	36.1	18.5	2048	* 66	8	
Dairyland	DSR-2200/RR	2.2	RR	61	8	2.3	34.3	18.9	1939									
Kaltenberg	KB 206 RR	2.0	RR	62	23	2.8	35.8	17.8	2006	61	19	1.5	36.2	18.2	2001	62	21	
Kaltenberg	KB 226 RR	2.2	RR	64	2	1.5	35.6	17.9	2072	* 66	13	2.0	35.8	18.5	2147	* 65	7	
Kaltenberg	KB 236 RR	2.3	RR	* 71	2	2.0	35.2	17.9	2260	* 66	15	1.5	35.7	18.7	2158	* 69	9	
Kaltenberg	KB 247 RR	2.4	RR	* 72	10	1.5	34.7	18.5	2292	* 67	21	1.5	35.4	19.0	2186	* 70	16	
Kaltenberg	KB 276 RR	2.7	RR	59	24	1.5	34.6	17.6	1834									
Kruger	K-195+RR/SCN	2.0	RR	67	0	1.5	34.7	19.2	2158	* 66	10	1.5	34.5	19.4	2145	* 67	5	
Kruger	K-201 RR/SCN	2.0	RR	67	0	1.5	34.6	19.0	2152									
Kruger	K-210 RR/SCN	2.1	RR	70	14	2.3	34.6	18.8	2244									
Kruger	K-211+RR	2.2	RR	64	2	2.5	34.2	18.6	2045	59	8	1.3	34.4	19.1	1880	62	5	
Kruger	K-222 RR/SCN	2.2	RR	* 72	0	1.0	36.3	17.5	2322									
Kruger	K-223+RR	2.2	RR	68	11	1.5	34.3	18.4	2143	* 65	8	1.0	33.9	19.2	2071	* 67	9	
Kruger	K-235 RR/SCN	2.3	RR	68	6	1.5	35.2	18.0	2157	* 66	13	1.3	35.5	19.0	2152	* 67	10	
Kruger	K-233+RR	2.4	RR	69	9	1.8	35.5	18.2	2223	58	6	1.3	36.0	18.5	1911	64	8	
Kruger	K-234 RR	2.4	RR	66	20	2.5	35.5	17.9	2130									
Kruger	K-244 RR/SCN	2.5	RR	63	3	2.3	34.8	17.6	1980									
Kruger	K-255 RR	2.5	RR	69	0	1.3	35.8	17.7	2200	* 68	23	1.0	36.1	18.5	2229	* 69	11	
Kruger	K-259 RR	2.6	RR	59	33	2.0	34.7	17.7	1862									
Kruger	K-275 RR/SCN	2.8	RR	69	6	2.3	34.0	18.4	2154									
Kruger	K-283 RR/SCN	2.8	RR	66	14	1.5	33.8	18.3	2075									
Kruger	K-287 RR/SCN	2.8	RR	65	7	1.8	34.8	17.8	2060	* 62	26	1.5	34.5	19.0	2001	64	16	

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TABLE 8. LATE MATURITY (MG 2.0-2.9) SOYBEAN WHITE MOLD TEST (Page 2 of 2)

Performance of Public and Commercial Entries In White Mold Disease Field Environment at Arlington, WI.

Originator/Brand	Entry	Maturity Herb. ¹ Group Toler.		2006						2005						2-Year	
				Yield	White	Lodging	Protein	Oil	Protein	Yield	White	Lodging	Protein	Oil	Protein	Yield	White
				bu/A	Mold ² %	1-5	%	%	lb/A	bu/A	Mold ² %	1-5	%	%	lb/A	bu/A	%
Kruger	K-289+RR	2.8	RR	62	11	2.3	34.8	17.5	1944	61	24	2.0	35.0	19.0	1960	62	18
Kruger	K-292 RR/SCN	2.9	RR	67	11	1.5	35.7	17.7	2143								
Latham	E 2253 R	2.2	RR	67	21	2.0	35.0	18.2	2144								
Latham	L 2810 R	2.8	RR	61	18	1.8	35.2	17.2	1916								
Midwest	GR 2231	2.2	RR	66	5	1.3	36.8	17.2	2148								
NuTech	NT-2121+ RR/SCN	2.1	RR	* 74	5	1.8	36.3	17.5	2400								
NuTech	NT-2220+ RR	2.2	RR	65	15	2.3	35.2	17.7	2075								
NuTech	NT-2213+ RR	2.2	RR	* 71	13	1.5	35.4	18.2	2270								
NuTech	NT-2222+ RR/SCN	2.2	RR	* 72	3	1.3	35.0	19.0	2342	* 66	10	1.5	34.7	19.4	2132	* 69	6
NuTech	NT-2444+ RR/SCN	2.4	RR	66	3	2.8	35.4	17.3	2092								
NuTech	NT-2424+ RR/SCN	2.4	RR	66	0	1.8	35.3	18.1	2127	* 65	15	1.8	35.5	18.5	2097	* 66	8
NuTech	NT-2660+ RR/SCN	2.6	RR	* 71	25	2.0	34.1	18.1	2224								
NuTech	NT-2616+ RR/SCN	2.6	RR	60	26	2.8	36.7	17.3	1936								
NuTech	NT-2777+ RR/SCN	2.7	RR	* 79	8	2.3	33.7	18.3	2449								
Stine	2116-4	2.1	RR	66	0	1.3	34.0	18.5	2070	* 62	10	1.0	34.2	19.3	1983	64	5
Thompson	T-7205+ RR	2.0	RR	* 73	3	1.0	34.1	18.6	2306								
Trelay	2222 RR	2.2	RR	66	3	1.8	34.3	18.6	2090	60	8	2.0	34.1	19.3	1905	63	5
MEAN				66	9	1.8	35.0	18.1	2113	61	14	1.4	35.2	18.8	1987	65	10
LSD(0.10)				8	12	0.8	0.5	0.3	266	6	9	0.8	0.5	0.3	188	5	7

* Yields preceded by a '*' are not significantly different (0.10 level) than the highest yielding cultivar.

¹ Herbicide Tolerance : RR= Tolerance to glyphosate herbicide , CN = Conventional herbicide tolerance.

² White Mold data is expressed as a percent of diseased plants.

Results that are shaded provide the best estimate of relative variety performance.

TABLE 9. SOYBEAN CYST NEMATODE TEST (Page 1 of 2)

Performance of Public and Commercial Entries In SCN Disease Field Environment at East Troy, WI.

Originator/Bran Entry		Maturity Group	Herb. ¹ Toler.	2006								2005				2-Year	
				Yield	Lodging	Protein	Oil	Protein plus Oil	Egg Counts ²		Pf/Pi ³	Yield	Lodging	Egg Counts ²		Pf/Pi ³	Yield
									bu/A	1-5				%	%		
Public	IA 1008	2.0	CN	50	1.0	34.1	19.1	1602	1468	4960	3.4	47	1.0	1493	2266	1.5	49
Public	IA 2021	2.1	CN	32	1.0	32.1	20.2	976	2372	4600	1.9	26	1.0	3387	8880	2.6	29
Latham	E 2410 X	2.4	CN	47	1.0	33.1	19.0	1467	3508	1240	0.4						
Dairyland	DSR-2000/RRSTS	2.0	RR/STS	* 59	1.0	33.8	19.7	1883	1280	3724	2.9	48	1.0	2800	1600	0.6	* 54
Kaltenberg	KB 236 RR	2.3	RR	56	1.0	33.8	19.0	1765	776	464	0.6						
Kaltenberg	KB 266 RR	2.6	RR	52	1.0	35.7	18.0	1690	2008	1176	0.6						
Kaltenberg	KB 257 RR	2.5	RR	56	1.0	33.0	18.9	1741	452	636	1.4						
Kaltenberg	KB 295 RR	2.9	RR	* 59	1.0	34.1	18.4	1846	368	1284	3.5						
Kruger	K-166 RR/SCN	1.6	RR	51	1.0	34.8	19.4	1670	948	1068	1.1	48	1.0	2987	4293	1.4	* 50
Kruger	K-188 RR/SCN	1.7	RR	* 59	1.0	32.7	20.5	1891	592	2716	4.6	* 50	1.0	2453	1307	0.5	* 55
Kruger	K-195+RR/SCN	2.0	RR	* 61	1.0	33.8	20.2	1984	612	1376	2.2	43	1.0	1760	573	0.3	* 52
Kruger	K-201 RR/SCN	2.0	RR	50	1.0	33.8	19.6	1588	1108	916	0.8						
Kruger	K-210 RR/SCN	2.1	RR	* 59	1.0	34.1	19.6	1899	508	440	0.9						
Kruger	K-222 RR/SCN	2.2	RR	57	1.0	35.1	18.7	1842	684	1632	2.4						
Kruger	K-235 RR/SCN	2.3	RR	* 61	1.0	34.5	19.2	1957	708	1304	1.8	46	1.0	1760	2827	1.6	* 54
Kruger	K-244 RR/SCN	2.5	RR	* 59	1.0	34.4	18.2	1858	912	2640	2.9						
Kruger	K-275 RR/SCN	2.8	RR	57	1.0	32.9	19.1	1785	1268	1496	1.2						
Kruger	K-283 RR/SCN	2.8	RR	* 61	1.0	32.8	19.0	1887	1108	2264	2.0						
Kruger	K-287 RR/SCN	2.8	RR	56	1.0	34.1	18.7	1774	444	1376	3.1	47	1.0	1973	2267	1.1	* 52
Kruger	K-292 RR/SCN	2.9	RR	* 62	1.0	34.3	19.1	2000	880	1096	1.2	46	1.0	2267	2027	0.9	* 54
Latham	E 2085 R	2.0	RR	49	1.0	33.4	19.7	1568	312	960	3.1						
Latham	L 2468 R	2.4	RR	52	1.0	34.3	18.7	1665	920	1904	2.1						
NK Brand	S15-E3	1.5	RR	52	1.0	34.0	18.9	1648	712	1348	1.9						
NK Brand	S19-L7	1.9	RR	56	1.0	33.7	19.4	1796	596	528	0.9						

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TABLE 9. SOYBEAN CYST NEMATODE TEST (Page 2 of 2)

Performance of Public and Commercial Entries In SCN Disease Field Environment at East Troy, WI.

Originator/Bran Entry		Maturity Group	Herb. ¹ Toler.	2006								2005				2-Year	
				Yield	Lodging	Protein	Oil	Protein plus Oil	Egg Counts ²		Pf/Pi ³	Yield	Lodging	Egg Counts ²		Pf/Pi ³	Yield
				bu/A	1-5	%	%	lb/A	Spring (i)	Fall (f)		bu/A	1-5	Spring (i)	Fall (f)		bu/A
NK Brand	S22-F5	2.2	RR	56	1.0	33.2	19.7	1789	120	2352	19.6						
NK Brand	S26-V6	2.6	RR	* 60	1.0	32.9	19.3	1885	132	2380	18.0						
NK Brand	S28-Y2	2.8	RR	* 64	1.0	32.8	19.3	2005	812	1044	1.3						
Pioneer	91M61	1.6	RR	53	1.0	33.4	20.4	1711	484	1458	3.0						
Pioneer	91M91	1.9	RR	53	1.0	32.5	20.0	1685	448	1412	3.2						
Pioneer	92M01	2.0	RR	57	1.0	35.0	18.8	1826	264	1896	7.2	* 49	1.0	4613	920	0.2	* 53
Pioneer	92M33	2.3	RR	52	1.0	34.1	19.1	1656	1056	1000	0.9						
Pioneer	92M40	2.4	RR	* 63	1.0	33.5	19.2	1984	960	912	1.0	45	1.0	3307	1787	0.5	* 54
Stine	1832-4	1.8	RR	56	1.0	32.9	20.3	1794	1076	780	0.7	47	1.0	3893	2293	0.6	* 52
Stine	2702-4	2.7	RR	52	1.0	35.6	18.3	1676	988	752	0.8	44	1.0	2027	2293	1.1	48
MEAN				55	1.0	33.8	19.2	1759	908	1622	3.0	43	1.0	2835	3816	1.5	50
LSD(0.10)				6	ns	0.7	0.5	206				9	ns				5

* Yields preceded by a "*" are not significantly different (0.10 level) than the highest yielding cultivar.

¹ Herb. Toler. ; Herbicide Tolerance : RR= Tolerance to glyphosate herbicide, STS = Tolerance to Sulfonylurea herbicides, CN = Conventional herbicide tolerance.

² Average number of eggs in one hundred cubic centimeters of soil composited by variety treatment.

³ Reproductive factor = final egg population (fall) / initial egg population (spring).

Results that are shaded provide the best estimate of relative variety performance.

TABLE 10. SEED SOURCE FOR PRIVATE SOYBEAN ENTRIES IN 2006

Brand	Company Name	Address	Phone	Website
Asgrow	Monsanto	4312 Carol Ave., Cortland, IL 60112	(815) 754-4809	http://www.monsanto.com/
Blue River	Blue River Hybrids	27087 Timber Road, Kelly, IA 50134	(800) 370-7979	http://www.blueriverorgseed.com/
Brown Seed	Brown Seed Farm	720 St Croix St., Prescott, WI 54021	(715) 262-4331	http://www.brownseed.com/
Brunner	Brunner Seed Farm	W 3850 U.S. Hwy. 10, Durand, WI 54736	(715) 672-5887	
Croplan Genetics	Croplan Genetics	180 Lynne Trail, Oregon, WI 53575	(608) 516-4636	http://www.croplangenetics.com/
Dahlco	Dahlco Seeds	14730 15th St. SW, Cokato, MN 55321	(320) 286-5982	http://www.dahlco.com/
Dairyland	Dairyland Seed Company Inc.	P.O. Box 958, 3570 Hwy. H, West Bend, WI 53095	(800) 236-0163	http://www.dairylandseed.com/
Dekalb	Monsanto	4312 Carol Ave., Cortland, IL 60112	(815) 754-4809	http://www.monsanto.com/
Dyna-Gro	UAP	1267 W. Washington, Pittsfield, IL 62363	(217) 257-6342	http://www.dyna-groseed.com
Farm Advantage	Farm Advantage	1275 Hwy. 69, Belmond, IA 50421	(641) 444-3344	http://www.farmadvantage.com
FS Hisoy	Growmark Inc.	1701 Towanda Ave., Bloomington, IL 61701	(309) 557-6399	http://www.fsseeds.com/
Gold Country	Gold Country Seed, Inc.	16506 Hwy. 15 N., Hutchinson, MN 55350	(800) 795-8544	http://www.goldcountryseed.com
Golden Harvest NK	Golden Harvest Seed Inc.	P.O. Box 248, Pekin, IL 61555	(563) 320-7461	http://www.goldenharvestseeds.com/
Hughes	Hughes Seed Farms, Inc.	206 N. Hughes Rd., Woodstock, IL 60098	(815) 338-2480	http://www.hugheshybrids.com/
Kaltenberg	Kaltenberg Seed Farms	5506 Hwy. SR 19 P.O. Box 278, Waunakee, WI 53597	(608) 849-5021	http://www.kaltenbergseeds.com/
Kruger	Kruger Seed Company	33938 160th Ave. P.O. Box A, Dike, IA 50624	(800) 772-2721	http://www.krugerseed.com/
Latham	Latham Seed Company	131 180th St., Alexander, IA 50420	(807) 798-3258	http://www.lathamseeds.com/
LG Seeds	LG Seeds	N 8181 940th St., River Falls, WI 54022	(715) 821-7788	http://www.lgseeds.com/
Midwest Seed	Midwest Seed Genetics	14575 University Ave., Waukee, IA 50263	(515) 314-1009	http://www.midwestseed.com/
NK Brand	Syngenta Seeds, Inc.	933 Fly Wheel Circle, DeForest, WI 53532	(608) 846-0664	http://www.nk.com/
NuTech	NuTech Seed Company	40321 130th Avenue, Leland, IA 50453	(877) 561-9067	http://www.yieldleader.com
O'Brien	O'Brien Hybrids	552 Glenway Rd., Brooklyn, WI 53521	(608) 835-3564	
Pattison	Pattison Brothers	703 1st Street, Clayton, IA 52049	(800) 632-5952	http://www.pattisonbros.com/default.as
Pioneer	Pioneer Hi-Bred Intl., Inc.	99 Navaho Ave., Suite 101-A, Mankato, MN 56001	(507) 625-3045	http://www.pioneer.com/
Prairie Brand	Prairie Brand Seed Company	15 X Avenue, Story City, IA 50248	(515) 733-2101	http://www.prairiebrandseed.com/
Renk	Renk Seed	6809 Wilburn Rd., Sun Prairie, WI 53590	(608) 837-7351	http://www.renkseed.com/
Stine	Stine Seed Company	2225 Laredo Trail, Adel, IA 50003	(800) 362-2510	http://www.stinseed.com/
Thompson Seeds	Thompson Seeds Inc.	40321 130th Ave., Leland, IA 50453	(641) 567-3350	http://www.nutechseed.com
Trelay	Trelay Seeds	11623 Hwy. 80, Livingston, WI 53554	(608) 943-6363	http://www.trelay.com/
Viking	Albert Lea Seed House	1414 W. Main, P.O. Box 127, Albert Lea, MN 56007	(507) 373-3161	http://www.alseed.com

Table 11. 2006 Temperature and Precipitation Summary

Location	Temperature Precipitation	May		June		July		August		September	
		Average Total	Departure Departure	Average Total	Departure Departure	Average Total	Departure Departure	Average Total	Departure Departure	Average Total	Departure Departure
Arlington	Temperature	57.0	-0.1	66.2	-0.4	73.2	2.7	68.8	0.3	56.8	-3.7
	Precipitation	4.3	0.9	4.5	0.4	4.1	0.2	6.0	1.8	4.5	0.9
Chippewa Falls (Eau Claire)	Temperature	60.0	2.0	68.8	2.0	77.0	5.6	70.3	1.3	57.9	-1.5
	Precipitation	2.7	-1.0	1.7	-2.6	1.8	-2.1	6.0	1.3	3.0	-0.7
East Troy (Burlington)	Temperature	56.5	0.1	64.4	-1.9	71.8	0.8	69.5	0.6	59.2	-1.3
	Precipitation	5.5	2.3	4.1	0.1	2.8	-1.0	4.1	-0.1	4.9	1.7
Fond du Lac	Temperature	57.6	-0.3	65.6	-1.5	74.1	2.3	69.6	0.1	59.1	-2.2
	Precipitation	4.7	1.8	1.2	-2.4	2.8	-0.7	1.4	-2.8	2.6	-0.9
Galesville (Trem. Dam #6)	Temperature	59.7	-0.1	68.6	0.0	76.5	3.7	71.4	1.1	N/A	N/A
	Precipitation	4.1	0.4	3.1	-0.8	2.6	-1.7	4.4	-0.2	3.1	-0.7
Hancock*	Temperature	57.7	1.2	66.6	0.9	74.0	4.4	69.7	2.4	58.1	-0.9
	Precipitation	5.8	2.4	1.5	-2.4	2.7	-1.5	2.9	-1.4	N/A	N/A
	Irrigation			2.2		3.8		3.0		1.5	
Janesville (Beloit)	Temperature	58.6	-0.2	67.0	-1.6	74.1	1.7	72.0	1.9	59.7	-2.6
	Precipitation	5.2	1.8	6.4	1.8	2.7	-1.1	5.5	1.2	3.3	-0.3
Lancaster	Temperature	57.3	-0.4	65.9	-1.0	73.0	1.9	70.0	1.1	58.2	-2.3
	Precipitation	3.2	-0.5	4.1	-0.6	4.9	0.8	1.6	-3.0	4.7	1.5
Marshfield*	Temperature	56.4	0.6	65.8	0.5	72.9	3.1	67.6	0.4	56.3	-1.5
	Precipitation	4.1	0.4	2.2	-1.9	2.1	-2.0	4.2	-0.2	2.5	-1.5
	White Mold Irrigation					1.3		1.8		0.6	
Racine	Temperature	55.4	0.8	65.3	0.3	73.7	2.4	72.7	1.9	62.6	-0.5
	Precipitation	4.4	1.2	2.3	-1.4	3.2	-0.3	3.7	-0.4	3.9	0.2
Seymour (Green Bay)	Temperature	57.9	1.5	65.6	0.2	73.3	3.4	67.6	0.1	58.0	-0.8
	Precipitation	5.9	3.2	2.8	-0.6	3.1	-0.3	2.1	-1.7	3.3	0.2
Spooner*	Temperature	59.4	2.3	67.7	2.6	75.2	5.8	68.9	1.7	53.5	-4.9
	Precipitation	2.2	-0.9	1.1	-2.9	3.5	-0.7	4.5	-0.1	2.0	-1.6
	Irrigated Trial Irrigation			2.8		2.2		2.2		1.1	
Sturgeon Bay	Temperature	54.6	1.2	64.0	0.9	72.6	4.0	68.7	1.7	58.2	-1.1
	Precipitation	6.5	3.6	2.0	-1.5	3.2	-0.2	3.2	-0.4	4.0	0.6

* Irrigation applied at Hancock, Marshfield White Mold, and Spooner - Irrigated Sand Trials.

Source: Wisconsin State Climatology Office

TABLE 12. CHARACTERISTICS OF SOYBEAN VARIETIES (Page 1 of 7)

Originator /Brand	Entry	Maturity Group	Herb. 1/ Toler.	Performance Shown in Tables	Color 2/				PRR Genes 3/	SCN 4/ Source
					Flower	Hair	Pod	Hilum		
Asgrow	AG 0604	0.6	RR	4	P	T	BR	BL	Rps 1-k	S
Asgrow	AG 0803	0.8	RR	4	P	T	BR	BL	Rps 1-k	A
Asgrow	AG 1002	1.0	RR	4	P	LT	BR	BR		S
Asgrow	AG 1102	1.1	RR	4	P	TW	BR	B	Rps 1-k	S
Asgrow	AG 1402	1.4	RR	4	P	T	BR	BL	Rps 1-k	A
Asgrow	AG 1702	1.7	RR	3	P	T	BR	BL	Rps 1-k	S
Asgrow	AG 1903	1.9	RR	3	W	G	T	G	Rps 1-k	S
Asgrow	AG 2002	2.0	RR	3	P	T	BR	BL	Rps 1-c	A
Asgrow	AG 2106	2.1	RR	2	P	LTW	T	B	Rps 1-k	S
Asgrow	AG 2204	2.2	RR	2,3	P	LT	BR	BL	Rps 1-k	S
Asgrow	AG 2403	2.4	RR	2	P	TW	T	B	Rps 1-k	S
Asgrow	AG 2406	2.4	RR	2,3	P	T	BR	BL	Rps 1-c	A
Asgrow	AG 2603	2.6	RR	2	P	G	BR	IB	Rps 1-c	A
Blue River	0F41	0.4	CN	4,5						
Blue River	1A24	1.2	CN	2,4						
Blue River	1F44	1.4	CN	2,3,4						
Blue River	16A7	1.6	CN	2,3						
Blue River	17YP7	1.7	CN	2,3						
Blue River	21YP7	2.1	CN	2						
Blue River	2A12	2.1	CN	2						
Blue River	2F11	2.1	CN	2						
Blue River	23A7	2.3	CN	2						
Brown Seed	B 099	1.1	CN	4						
Brown Seed	B 2141 RR	1.4	RR	4						
Brunner	BR-0606 RR	0.6	RR	5	P	LTW	T	B		
Brunner	BR-0706 RR	0.7	RR	5	P	LTW	BR	B		
Brunner	BR-1005 RR	1.0	RR	5	P	LTW	T	BR		
Brunner	EXP-1406 RR	1.4	RR	4	P	LTW	T	BR		R
Brunner	BR-1500 RR	1.5	RR	4	P	M	BR	B		
Brunner	EXP-1606 RR	1.6	RR	4	P	LTW	T	B		
Brunner	BR-1705 RR	1.7	RR	4	P	TW	T	BR		
Brunner	BR-2101 RR	2.1	RR	3	P	M	T	B		
Brunner	EXP-2006 RR	2.2	RR	3	P	G	T	IB		
Brunner	EXP-2206 RR	2.2	RR	3	W	LTW	T	BR		
Brunner	BR-2406 RR	2.3	RR	2	P	LTW	BR	B		
Brunner	BR-2401 RR	2.4	RR	2	W	LTW	T	B		
Croplan	RT 0887	0.8	RR	4,5	W	LTW	BR	B	Rps 1-k	
Croplan	RT 1199	1.1	RR	4,5	P	G	T	TN	Rps 1-c	
Croplan	RT 1595	1.5	RR	4	P	LTW	T	B	Rps 1-k	
Croplan	RT 1784	1.7	RR	4	P	TW	T	BR	Rps 1-k	
Croplan	RC 1820	1.8	RR	4	P	G	T	IB	Rps 1-k	
Croplan	RT 1992	1.9	RR	3	W	TW	T	T		
Croplan	RC 2020	2.0	RR	2,3	P	G	T	IB	Rps 1-k	R
Croplan	RT 2092	2.0	RR	2,3	W	TW	T	T		
Croplan	RT 2127	2.1	RR	2,3	W	LTW	T	BR	Rps 1-k	
Croplan	RT 2292	2.2	RR	2,3	W	TW	T	T	Rps 1-k	
Croplan	RT 2389	2.3	RR	2	W	LTW	BR	B	Rps 1-k	

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TABLE 12. CHARACTERISTICS OF SOYBEAN VARIETIES (Page 2 of 7)

Originator /Brand	Entry	Maturity Group	Herb. 1/ Toler.	Performance Shown in Tables	Color 2/				PRR Genes 3/	SCN 4/ Source
					Flower	Hair	Pod	Hilum		
Croplan	RT 2678	2.6	RR	2	W	TW	T	B	Rps 1-k	
Dahlco	6050 RR	0.5	RR	4	P	LTW	T	B		
Dahlco	5070 RR	0.7	RR	4	P	G	T	IB	Rps 1-k	
Dahlco	6090 RR	0.9	RR	4	P	LTW	T	B		
Dahlco	6100 RR	1.0	RR	4	P	LTW	T	BR		
Dahlco	4120 RR	1.2	RR	3	P	G	T	TN	Rps 1-c	
Dahlco	6150 RR	1.5	RR	3	P	LTW	T	B	Rps 1-k	
Dahlco	5170 RRC	1.7	RR	3	P			Y	Rps 1-k	
Dahlco	5200 RRC	2.0	RR	2	P	G	T	IB	Rps 1-k	
Dahlco	9213 RR	2.1	RR	2	W	LTW	T	BR	Rps 1-k	
Dairyland	DSR-0701/RR	0.7	RR	5	P	LTW	M	B	Rps 1-k	
Dairyland	DSR-0902/RRSTS	0.9	RR/STS	5	W	G	T	BF		
Dairyland	DSR-0903/RR	0.9	RR	5	P	LTW	T	B		
Dairyland	DSR-1301/RR	1.3	RR	5,6	W	LTW	BR	B		
Dairyland	DSR-1302/RRSTS	1.3	RR/STS	5,6	P	LTW	T	BR	Rps 1-k	
Dairyland	DSR-1500/RRSTS	1.5	RR/STS	4	W	LTW	BR	B		FR
Dairyland	DSR-1520/RR	1.5	RR	4	P	LTW	T	BR		
Dairyland	DSR-1701/RRSTS	1.7	RR/STS	3,4,7	M	LTW	BR	B		
Dairyland	DSR-199/RRSTS	1.9	RR/STS	2,3	W	LTW	BR	B	Rps 1-k	FR
Dairyland	DSR-2000/RRSTS	2.0	RR/STS	2,3,9	W	LTW	BR	B	Rps 1-k	A
Dairyland	DSR-218	2.1	CN	2,3,8	P	G	BR	G	None	
Dairyland	DSR-22/STS-UL Brand	2.2	CN	2	W	LTW	BR	B		
Dairyland	DSR-2200/RR	2.2	RR	2,8	W	LTW	BR	B		
Dairyland	DSR-221/RR	2.2	RR	3,8	M	LTW	BR	B	Rps 1-k	FR
Dairyland	DSR-2300/RR	2.3	RR	2	W	LTW	T	B		
Dairyland	DSR-234/RR	2.3	RR	2	P	LTW	BR	B	Rps 1-k	FR
Dekalb	DKB 16-52	1.6	RR	4	P	T	BR	BL	Susc.	A
Dekalb	DKB 24-52	2.4	RR	2,3	P	LT	BR	BL	Susc.	A
Dyna-Gro	36G14	1.4	RR	4						
Dyna-Gro	37R17	1.7	RR	4						
Dyna-Gro	33X19	1.9	RR	3,4						
Dyna-Gro	SX 06720	2.2	RR	2,3	W	T	T	T		
Dyna-Gro	36D24	2.4	RR	3						
Dyna-Gro	SX 06927	2.6	RR	2						
Dyna-Gro	36J29	2.9	RR	2						
Farm Advantage	7224	2.4	RR	3						
Farm Advantage	7253	2.5	RR	2						
Farm Advantage	7285N	2.8	RR	2	P	T	T	B	None	A
FS Hisoy	HS 2025	2.0	RR	3	W	TW	T	T		S
FS Hisoy	HS 2345	2.3	RR	2	P	LTW	BR	B	Rps 1-k	S
FS Hisoy	X 06-23	2.3	RR	2	W	LTW	T	BR	Rps 1-a	S
FS Hisoy	HS 2555	2.5	RR	2	P	LTW	T	BR		S
FS Hisoy	HS 2645	2.6	RR	2	P	G	T	IB	Rps 1-c	S
Gold Country	6026FG	2.6	CN	2					Rps 1-k	
Golden Harvest	H-2448 RR	2.4	RR	2	P	LTW	BR	B		

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TABLE 12. CHARACTERISTICS OF SOYBEAN VARIETIES (Page 3 of 7)

Originator /Brand	Entry	Maturity Group	Herb. 1/ Toler.	Performance Shown in Tables	Color 2/				PRR Genes 3/	SCN 4/ Source
					Flower	Hair	Pod	Hilum		
Hughes	405 RR	2.4	RR	2	P	LTW	BR	B		
Hughes	416 RR	2.4	RR	2	P	TW	BR	B		A
Hughes	567 RR	2.5	RR	2	W	LTW	BR	B		
Hughes	796 RR	2.7	RR	2	P	TW	BR	B	Rps 1-a	A
Hughes	847 RR	2.8	RR	2	P	TW	BR	B		A
Kaltenberg	KB 087 RR	0.8	RR	5	P	LTW	T/BR	BR		
Kaltenberg	KB 094 RR	0.9	RR	5	P	BR	T	BR	Rps 1-a	
Kaltenberg	KB 106 RR	1.0	RR	5,6	W	BR	TW	BR		
Kaltenberg	KB 135 RR	1.3	RR	4	W	T	LTW	T	Rps 1-c	
Kaltenberg	KB 177 RR	1.7	RR	4	P	G	T	IB	Rps 1-k	A
Kaltenberg	KB 187 RR	1.8	RR	3,7	W	T	TW	T		
Kaltenberg	KB 195 RR	1.9	RR	4	P	BR	T	B	Rps 1-k	
Kaltenberg	KB 206 RR	2.0	RR	4,8	W	BR	LTW	B	Rps 1-k	
Kaltenberg	KB 226 RR	2.2	RR	3,8	P	BR	LTW	B		A
Kaltenberg	KB 236 RR	2.3	RR	3,8,9	P	BR	LTW	B		A
Kaltenberg	KB 247 RR	2.4	RR	2,3,8	P	LTW	BR	BR	Rps 1-c	A
Kaltenberg	KB 248 RR	2.4	RR	2,3	P	G	T	IB	Rps 1-c	
Kaltenberg	KB 257 RR	2.5	RR	9	W	TW	T	BR		A
Kaltenberg	KB 258 RR	2.5	RR	2	P	LTW	T	BR		
Kaltenberg	KB 266 RR	2.6	RR	2,9	W	LTW	T	IB		A
Kaltenberg	KB 276 RR	2.7	RR	8	W	T	TW	B	Rps 1-k	
Kaltenberg	KB 295 RR	2.9	RR	9	P	TW	T	B	Rps 1-c	A
Kruger	K-008 RR	0.1	RR	5	P	LTW	BR	B	None	
Kruger	K-009+RR	0.1	RR	5	P	TW	BR	B	None	
Kruger	K-042 RR	0.4	RR	4,5	P	G	BR	Y	Rps1a	
Kruger	K-056 RR	0.6	RR	3,4,5,6	P	LTW	T	Y	Rps1a	
Kruger	K-072 RR	0.7	RR	3,4,5,6	M	TW	BR	BR	None	
Kruger	K-086 RR	0.8	RR	3,4,5,6	P	TW	BR	BR	Rps1k	
Kruger	K-098 RR	0.9	RR	3,4,5	P	LTW	BR	BR	None	
Kruger	K-100 RR	1.0	RR	2,3,4,5,6	P	LTW	T	B	Rps1k	
Kruger	K-120 RR	1.2	RR	2,3,4,6	P	LTW	T	B	Rps1k	
Kruger	K-156 RR	1.4	RR	2,3,4,6	P	LTW	T	B	Rps1k	
Kruger	K-166 RR/SCN	1.6	RR	2,3,4,7,9	P	TW	BR	B	None	A
Kruger	K-177 RR	1.7	RR	2,3,4,7	P	TW	T	BR	Rps1k	
Kruger	K-188 RR/SCN	1.7	RR	2,3,4,7,9	P	G	T	IB	Rps1k	A
Kruger	K-186 RR	1.8	RR	2,3,4,7	W	TW	T	T	None	
Kruger	K-194 RR	1.8	RR	2,3,4,7	W	TW	T	B	HRps1k	
Kruger	K-195+RR/SCN	2.0	RR	2,3,8,9	P	G	T	IB	Rps1k	A
Kruger	K-201 RR/SCN	2.0	RR	2,3,8,9	M	TW	BR	B	Rps1c	A
Kruger	K-210 RR/SCN	2.1	RR	2,3,8,9	P	G	BR	IB	Rps1k	A
Kruger	K-211+RR	2.2	RR	2,3,8	W	TW	T	T	HRps1k	
Kruger	K-222 RR/SCN	2.2	RR	2,3,8,9	P	LTW	BR	B	Rps1k	A
Kruger	K-223+RR	2.2	RR	2,3,8	W	LTW	T	BR	Rps1k	
Kruger	K-235 RR/SCN	2.3	RR	2,3,8,9	P	LTW	BR	BR	HRps1c	A
Kruger	K-233+RR	2.4	RR	2,3,8	M	LTW	BR	B	HRps1k	
Kruger	K-234 RR	2.4	RR	2,3,8	W	LTW	T	BR		
Kruger	K-244 RR/SCN	2.5	RR	2,8,9	P	LTW	T	B	None	A
Kruger	K-255 RR	2.5	RR	2,8	P	LTW	T	BR	None	
Kruger	K-259 RR	2.6	RR	2,8	W	TW	T	B	Rps1k	

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TABLE 12. CHARACTERISTICS OF SOYBEAN VARIETIES (Page 4 of 7)

Originator /Brand	Entry	Maturity Group	Herb. 1/ Toler.	Performance Shown in Tables	Color 2/				PRR Genes 3/	SCN 4/ Source
					Flower	Hair	Pod	Hilum		
Kruger	K-275 RR/SCN	2.8	RR	2,8,9	P	G	BR	IB	Rps1k	A
Kruger	K-283 RR/SCN	2.8	RR	2,8,9	P	TW	T	BR	Rps1k	A
Kruger	K-287 RR/SCN	2.8	RR	2,8,9	W	LTW	T	B	Rps1c	A
Kruger	K-289+RR	2.8	RR	2,8	W	TW	T	B	Rps1k	
Kruger	K-292 RR/SCN	2.9	RR	2,8,9	P	LTW	BR	B	None	A
Latham	L 1756 R	1.7	RR	7	P	TW	T	BR	Rps 1-k	S
Latham	L 1840	1.8	CN	3	W	LTW	BR	B	None	S
Latham	E 1950 R	1.9	RR	3	W	TW	T	B	Rps 1-k	S
Latham	E 2085 R	2.0	RR	9	M	TW	BR	B	Rps 1-c	A
Latham	E 2253 R	2.2	RR	2,8	W	LTW	T	BR	Rps 1-c	S
Latham	E 2410 X	2.4	CN	9		LTW	T	B	None	E
Latham	L 2468 R	2.4	RR	9	P	LTW	BR	B	None	A
Latham	L 2500 R	2.5	RR	2	P	LTW	T	BK	None	S
Latham	L 2646 R	2.6	RR	2	M	LTW	BR	B	Rps 1-k	S
Latham	L 2810 R	2.8	RR	8	W	TW	BR	IB	None	S
LG Seeds	C 1400 RR	1.4	RR	3						
LG Seeds	C 2159 RR	2.1	RR	2,3						
LG Seeds	C 2555 RR	2.5	RR	2						
Midwest	GR 1735	1.7	RR	7	P	TW	T	BR	Rps 1-k	
Midwest	GR 2231	2.2	RR	2,8	P	LTW	BR	BL	Rps 1-k	A
Midwest	GR 2432	2.4	RR	2	P	LTW	BR	BL	Susc.	A
Midwest	GR 2731	2.7	RR	2	P	G	BR	IB	Rps 1-k	A
NK Brand	S06-D9	0.6	RR	5						
NK Brand	S 08-80	0.8	CN	4,5						
NK Brand	S08-C3	0.8	RR	4,5	P	G	BR	G	Rps 1-c	
NK Brand	S08-M8	0.8	RR	5						
NK Brand	S10-T1	1.0	RR	5	W	TW	T	G	Rps 1-k	
NK Brand	S12-P4	1.2	RR	4,5						
NK Brand	S14-A7	1.4	RR	4	P	TW	T	IY	Rps 1-c	
NK Brand	S15-E3	1.5	RR	4,9						A
NK Brand	S17-A1	1.7	RR	3,4	W	TW	T	G	Rps 1-a	
NK Brand	S17-P9	1.7	RR	3	P	LTW	T	B	Rps 1-c	
NK Brand	S18-N5	1.8	CN	3,4						
NK Brand	S19-L7	1.9	RR	9						A
NK Brand	S19-R5	1.9	RR	3,4	P	TW	T	B	Rps 1-a	
NK Brand	S20-F8	2.0	CN	2						
NK Brand	S21-N6	2.1	RR	2,3,4						
NK Brand	S22-F5	2.2	RR	9						A
NK Brand	S23-H2	2.3	RR	2,3						
NK Brand	S23-Z3	2.3	RR	2,3	W	LTW	T	B	Rps 1-a	
NK Brand	S24-K6	2.4	RR	2,3						
NK Brand	S25-B9	2.5	RR	2	W	LTW	T	B	Rps 1-a	
NK Brand	S26-V6	2.6	RR	9	W	T	T	B	Rps 1-a	A
NK Brand	S27-L4	2.7	RR	2						
NK Brand	S28-Y2	2.8	RR	9						
NuTech	NT-0330+ RR	0.3	RR	6						
NuTech	NT-0636+ RR	0.6	RR	6						

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TABLE 12. CHARACTERISTICS OF SOYBEAN VARIETIES (Page 5 of 7)

Originator /Brand	Entry	Maturity Group	Herb. 1/ Toler.	Performance Shown in Tables	Color 2/				PRR Genes 3/	SCN 4/ Source
					Flower	Hair	Pod	Hilum		
NuTech	NT-0701+ RR	0.7	RR	6						
NuTech	NT-0706+ RR	0.7	RR	6						
NuTech	NT-0999+ RR	0.9	RR	6						
NuTech	NT-1127+ RR	1.1	RR	6						
NuTech	NT-1766+ RR	1.7	RR	7						
NuTech	NT-1991+ RR	1.9	RR	7						
NuTech	NT-2121+ RR/SCN	2.1	RR	2,8						
NuTech	NT-2213+ RR	2.2	RR	8						
NuTech	NT-2220+ RR	2.2	RR	2,8						
NuTech	NT-2222+ RR/SCN	2.2	RR	8						
NuTech	NT-2232+ RR	2.2	RR	2						
NuTech	NT-2333+ RR	2.3	RR	2						
NuTech	NT-2424+ RR/SCN	2.4	RR	2,8						
NuTech	NT-2444+ RR/SCN	2.4	RR	2,8						
NuTech	NT-2616+ RR/SCN	2.6	RR	2,8						
NuTech	NT-2660+ RR/SCN	2.6	RR	2,8						
NuTech	NT-2770+ RR/SCN	2.7	RR	2						
NuTech	NT-2777+ RR/SCN	2.7	RR	2,8						
O'Brien	O'Soy 120 RR	1.2	RR	2,3,4						
O'Brien	O'Soy 145 RR	1.4	RR	2,3,4						
O'Brien	O'Soy 200 RRHO	2.0	RR	2,3						
O'Brien	O'Soy 211 RR	2.1	RR	2,3	W	T	T	T		
Pattison	7317	1.7	CN	3,4						
Pattison	7718	1.8	CN	2,3						
Pattison	7319	2.0	CN	2						
Pattison	7321	2.1	CN	2						
Pattison	7588	2.2	CN	2,3						
Pioneer	90M60	0.6	RR	5	P	TW	BR	BR	Rps 1-c	
Pioneer	90M61	0.6	RR	5,6	P	TW	BR	BR	Rps 1-k	
Pioneer	90M91	0.9	RR	5	P	TW	T	BR	Rps 1-k	
Pioneer	91M10	1.1	CN	3,4,5	P	G	T	Y		
Pioneer	91M13	1.1	RR	4,5	P	TW	T	BR	Rps 1-k	
Pioneer	91M30	1.3	RR	4,5	P	G	BR	G	Rps 1-k	
Pioneer	91M51	1.5	RR	4,7	P	G	BR	BF	Rps 1-k	
Pioneer	91M61	1.6	RR	4,9	P	LTW	T	B	Rps 1-k,6	
Pioneer	91M70	1.7	RR	3,4	W	LTW	T	BR	Rps 1-k	
Pioneer	91M91	1.9	RR	3,9	P	TW	BR	BR	Rps 1-k	
Pioneer	92M01	2.0	RR	3,9	P	LTW	BR	BR	None	
Pioneer	92M02	2.0	RR	3	P	LTW	BR	BR	Rps 1-k	
Pioneer	92M10	2.1	CN	2,3	P	G	BR	Y	Rps 1-c	
Pioneer	92M32	2.3	RR	2,3	W	LTW	T	BR	Rps 1-k	
Pioneer	92M33	2.3	RR	2,9	P	LTW	BR	BR		
Pioneer	92M40	2.4	RR	2,9	W	LTW	BR	B	Rps 1-c	
Pioneer	92M61	2.6	RR	2	P	G	BR	BF	A	
Pioneer	92M91	2.9	RR	2	P	LTW	BR	B	Rps 1-k	
Prairie Brand	PB-0936 RR	0.9	RR	4	P	LTW	M	BR		
Prairie Brand	PR-1256 RR	1.2	RR	4	P	LTW	T	B	Rps 1-k	
Prairie Brand	PB-1725 RR	1.7	RR	3,4	P	TW	T	BR	Rps 1-k	

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TABLE 12. CHARACTERISTICS OF SOYBEAN VARIETIES (Page 6 of 7)

Originator /Brand	Entry	Maturity Group	Herb. 1/ Toler.	Performance Shown in Tables	Color 2/				PRR Genes 3/	SCN 4/ Source
					Flower	Hair	Pod	Hilum		
Prairie Brand	PB-1885 NRR	1.8	RR	3	P	G	T	IB	Rps 1-k	A
Prairie Brand	PB-1916 RR	1.9	RR	3	W	TW	T	B	Rps 1-k	
Prairie Brand	PB-2216 RR	2.2	RR	2	W	LTW	T	BR	Rps 1-a	
Prairie Brand	PB-2443 RR	2.4	RR	2	W	TW	T	Y	Rps 1-k	
Prairie Brand	PB-2536 RR	2.5	RR	2	M	LTW	BR	B	Rps 1-k	
Public	Traill	0.0	CN	5,6	P	TW	BR	Y	None	
Public	MN 0302	0.3	CN	4,5,6	P	G	T	BF	Rps 1-k	
Public	Surge	0.9	CN	5,6	P	G	BR	IB	Rps 1	
Public	IA 1010	1.0	CN	2,3,4,5						
Public	MN 1005	1.0	CN	2,3,4,5,6					Rps 1-k	
Public	MN 1503	1.5	CN	2,3,4						
Public	IA 1006	1.6	CN	2,3,4,7	W	T	BR	B	None	
Public	MN 1607	1.6	CN	2,3,4						
Public	HP 204	1.9	CN	2,3,4	P	G	T	Y	None	
Public	IA 1008	2.0	CN	2,3,4,8,9	W	G	T	Y	None	A
Public	IA 1008LF	2.0	CN	2,3,4						
Public	IA 1021	2.0	CN	2,3						
Public	IA 2076	2.0	CN	2						
Public	Vinton 81	2.0	CN	2,3,4	P	G	T	Y	Rps 1, 3, 6,	
Public	IA 1013	2.1	CN	2,3						
Public	IA 2021	2.1	CN	2,9	W	TW	BR	B	Rps 1-k	
Public	IA 2053	2.1	CN	2	P	TW	BR	Y	None	
Public	Titan	2.1	CN	8	P	TW	BR	B	None	
Public	Century 84	2.4	CN	2	P	TW	BR	B	Rps 1-a, Rps 1-k	
Public	IA 2067	2.7	CN	2						
Public	Dwight	2.9	CN	2	P	TW	BR	B	Rps 1-a	
Renk	RS 076 RR	0.7	RR	5					Rps 1-a	
Renk	RS 095 RR	0.9	RR	4,5					Rps 1-k	
Renk	RS 115 RR	1.1	RR	4					Rps 1-k	A
Renk	RS 156 RR	1.5	RR	3,4					Rps 1-k	
Renk	RS 165 RR	1.6	RR	3,4					Rps 1-k	
Renk	RS 185 RR	1.8	RR	3,4						
Renk	RS 204 NRR	2.0	RR	3					Rps 1-k	A
Renk	RS 223 RR	2.2	RR	2,3	W	T	T	T	Rps 1-k	
Renk	RS 246 NRR	2.4	RR	2,3						A
Renk	RS 253 RR	2.5	RR	2	P	LTW	T	BR		
Renk	RS 265 RR	2.6	RR	2					Rps 1-c	
Stine	1108-4	1.0	RR	3,4,5	P	LTW	M	BR		
Stine	1330-4	1.2	RR	4	P	LTW	T	B	Rps 1-k	
Stine	1832-4	1.8	RR	9	P	G	T	IB		A
Stine	1918-4	1.9	RR	3	W	TW	T	T		
Stine	2116-4	2.1	RR	8	W	TW	T	T	Rps 1-k	
Stine	2402-4	2.4	RR	2	P	LTW	T	B		A
Stine	2702-4	2.7	RR	9	W	LTW	T	B		A
Thompson Seeds	T-7205+ RR	2.0	RR	2,8	W	TW		T	Rps 1-k	
Trelay	2103 RR	1.0	RR	4	P	LTW	BR	BR		
Trelay	2133 RR	1.3	RR	4	W	LTW	BR	BL		

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TABLE 12. CHARACTERISTICS OF SOYBEAN VARIETIES (Page 7 of 7)

Originator /Brand	Entry	Maturity Group	Herb. 1/ Toler.	Performance Shown in Tables	Color 2/				PRR Genes 3/	SCN 4/ Source
					Flower	Hair	Pod	Hilum		
Trelay	2155 RR	1.5	RR	3	P	LTW	T	BL	Rps 1-k	
Trelay	2164 RR	1.6	RR	3,7	P	TW	T	BR	Rps 1-k	
Trelay	2222 RR	2.2	RR	2,8	W	TW	T	T	HRps 1-k	
Trelay	2225 RR	2.2	RR	2,3	P	LTW	BR	BL	Rps 1-k	A
Trelay	2232 RR	2.3	RR	2	P	LTW	T	BL		
Trelay	2263 RR	2.6	RR	2	P	G	T	IB	Rps 1-c	
Trelay	2275 RR	2.7	RR	2	P	G	BR	IB	Rps 1-k	
Trelay	2285 RR	2.8	RR	2	P	TW	BR	BL		A
Viking	O.1580	1.5	CN	2						
Viking	O.1832	1.8	CN	2						
Viking	O.2022	2.0	CN	2						

All characteristic information is provided by the originator.

1/ Herb. Toler.= Herbicide Tolerance: RR= Tolerance to glyphosate herbicide, STS = Tolerance to Sulfonylurea herbicides, CN= Conventional herbicide tolerance.

2/ B= Black, BF = Buff, BR= Brown, G= Gray, IB= Imperfect Black, LTW= Light Tawny, M= Mixed, P= Purple, T= Tan, TW= Tawny, W=White, Y= Yellow, IY=Imperfect Yellow.

3/ PRR= Phytophthora Root Rot Resistance: PRR Genes listed designate resistance to PRR Races listed in Introduction.

4/ Source of SCN Resistance; A=PI 88788, B=PI 54842 (Peking), C=PI 437654, D=PU-SCN 14, E="CystX", FR= Field Resistance, S=Susceptible, R?=Resistant; source unknown.



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2006 Organic Soybean Variety Trial Results

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About Organic Production Trials

The Wisconsin Organic Variety Trials are conducted to give soybean producers information on performance and characteristics of soybean varieties that could be used in an organic soybean production system. The trials were conducted using approved organic production practices at sites certified for organic production. Seed used for the trials were either organically produced or untreated non-organic varieties. Organic agriculture as defined by the USDA is "an ecological production management system that promotes and enhances biodiversity, biological cycles, and soil biological activity. It is based on minimal use of off-farm inputs and on management practices that restore, maintain, or enhance ecological harmony."

Yield and Composition Results

Performance of Public and Commercial Entries at three certified organic sites in WI.
Arlington-2005 and 2006, East Troy-2005, Rosendale-2005

Originator/ Brand	Entry	Maturity Group	2006 Arlington					2005 3-Test Average					4 test
			Yield ¹ bu/a	Lodging ² 1-5	Protein %	Oil %	Protein plus oil ³ lb/a	Yield bu/a	Lodging 1-5	Protein %	Oil %	Protein plus oil lb/a	Avg. Yield bu/a
Iowa	HP 204	2.0	56	3.5	38.5	17.0	1869	44	1.5	36.9	18.3	1473	47
Iowa	IA 1006	1.6	60	3.3	35.3	17.8	1924	50	1.3	33.6	19.2	1567	52
Iowa	IA 1008	2.0	47	2.0	35.8	17.1	1484						
Iowa	IA1008LF	2.0	51	2.3	36.1	17.2	1646						
Iowa	IA 1010	1.9	51	2.3	36.7	16.7	1649						
Iowa	IA 1013	1.9	61	2.5	38.8	17.4	2053						
Iowa	IA 2042	2.0	62	3.0	*39.2	16.1	2068						
Iowa	IA 2053	2.0	57	2.8	38.7	16.1	1866	50	1.3	*37.7	18.0	*1685	52
Iowa	Vinton 81	2.0	51	3.0	38.7	16.1	1691	43	1.3	37.0	17.8	1406	45
Minnesota	MN 1503	1.5	60	2.3	37.3	17.9	1975						
Minnesota	MN 1607	1.6	56	2.3	37.3	17.6	1843						
Blue River Hybrids	1A24	1.2	63	1.3	36.2	17.8	2055						
Blue River Hybrids	1F44	1.4	62	2.5	38.8	16.8	2062	46	1.0	36.9	18.1	1504	50
Blue River Hybrids	16A7	1.6	*75	2.0	34.0	17.4	*2311						
Blue River Hybrids	17A7	1.7	63	2.5	38.2	17.6	2119						
Blue River Hybrids	21YP7	2.1	55	1.8	37.9	17.6	1823						
Blue River Hybrids	2A12	2.1	68	2.8	35.8	17.4	2164	*56	1.1	34.7	18.8	*1807	*59
Blue River Hybrids	2F11	2.1	63	2.3	33.6	18.9	1984	52	1.2	33.2	19.5	1654	55
Blue River Hybrids	23A7	2.3	57	3.0	36.3	17.4	1851						
Dairyland	DSR-218	2.1	54	2.0	35.9	17.9	1740						
Gold Country	6024FG	2.4	*72	2.3	37.1	17.4	*2366						
Gold Country	6026FG	2.6	57	2.3	38.5	17.0	1909						
NK Brand	S18-N5	1.8	*69	2.3	34.9	17.7	2178						
NK Brand	S20-F8	2.0	56	3.5	35.5	17.9	1805						
Pattison	7319	2.0	66	2.8	38.2	16.6	2165						
Pattison	7321	2.1	63	2.5	*39.5	16.5	2111						
Pioneer	92M10	2.1	68	2.0	34.5	17.8	2117						
Viking	O.1580	1.5	*71	1.8	34.2	18.6	*2248						
Viking	O.1832	1.8	*69	1.8	34.1	18.4	2174	*57	1.3	33.2	19.8	*1797	*60
Viking	O.2022	2.0	67	2.3	33.4	19.1	2122	*56	1.0	33.2	19.6	*1775	*59
Mean			61	2.4	36.6	17.4	1979	49	1.2	35.1	18.8	1576	53
LSD (0.10)			6	0.7	0.6	0.4	182	4	0.3	0.4	0.2	140	4

¹ Yields and composition values preceded by a "*" are not significantly different (0.10 level) than the highest variety in each category.

² Lodging score: 1=no lodging ... 5=all plants flat.

³ Total yield of protein and oil per acre

Results that are shaded provide the best estimate of relative variety performance.

Notes on the 2006 organic soybean variety trial

With financial support from the Wisconsin Soybean Marketing Board, we were able to double the amount of varieties in the organic trial in 2006 compared to 2005. Varieties in this trial were either entered by participating companies or by soybean researchers at UW-Madison. Our goal was to test many specialty varieties in our organic system so as to provide information to growers on yield potential and grain composition. Specialty varieties for this trial were defined as any non-GMO variety that had specialty traits for which there is potentially a market for which may pay a price premium. In 2006, trials were planted at Arlington and at the Michael Fields Institute in East Troy, WI. The trial at East Troy was abandoned due to high weed pressure and low stands. Only the results of the Arlington trial in 2006 are presented here.

Location of the 2006 Trial



Columbia County Trial

Arlington Ag Research Station

- Dwight Mueller – Cooperator
- RCB design, 4 reps
- Planted: 24-May-06
- Harvested: 14-Oct-06
- 30" row spacing, silt loam soil
- Seeding rate: 145,000 viable seeds/a
- Soil pH:6.8 OM:4.7% P:65 ppm K: 94 ppm
- Weed Control: cultivation, rotary hoe, tine and hand weeding

Seed Source Contact Information

Brand	Company	Address	City	State	Zip	Phone	Website
BR Hybrids	Blue River Hybrids	27087 Timber Rd	Kelley	IA	50134	800-370-7979	www.blueriverorgseed.com
Dairyland	Dairyland Seed Co., Inc	Post Office Box 958	West Bend	WI	53095	800-236-0163	www.dairylandseed.com
Gold Country	Gold Country Seed, Inc.	16506 Highway 15 N	Hutchinson	MN	55350	800-795-8544	www.goldcountryseed.com
Iowa	Iowa State University	4611 Mortensen Rd	Ames	IA	50014	515-292-3947	www.ag.iastate.edu/centers/cad
Minnesota	MN Crop Improv. Assoc.	1900 Hendon Ave.	St. Paul	MN	55108	800-510-6242	www.mncia.org
NK Brand	Syngenta Seeds	933 Fly Wheel Circle	De Forest	WI	53532	608-846-0664	www.nk-us.com
Pattison	Pattison Brothers	701 King St	Fayette	IA	52142	800-632-5952	www.pattisonbros.com
Pioneer	Pioneer Hi-Bred Intl.,Inc.	99 Navaho Avenue	Mankato	MN	56001	800-851-9043	www.pioneer.com
Viking	Albert Lea Seed House	1414 W. Main	Albert Lea	MN	56007	800-352-5247	www.alseed.com

Information on organic soybean production:

UW Madison Soybean Research and Extension Program

<http://soybean.uwex.edu>

UW Madison Soybean Plant Health

<http://www.plantpath.wisc.edu/soyhealth>

National Organic Program, USDA

<http://www.ams.usda.gov/nop>