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MISSOURI CROP
PERFORMANCE
2017
soybean



2017 MISSOURI SOYBEAN TEST

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PREFACE

Our motto is “We test the best” and that is exactly what we do. Each year, the best seed companies and organizations select several of their best varieties for evaluation by the MU Variety Testing Program. We use the latest scientific principles and procedures to provide farmers and others with an interest in soybean variety performance with accurate and unbiased information.

We respect the seed companies and organizations that put their varieties to the test. We are honored that they entrust us with their valuable products. It takes courage to allow their varieties to be compared with all of the others. Not every company participates in our program for various reasons. Those companies that do participate deserve your consideration when purchasing seed for the next growing season. Please view the table at the back of our book for names and addresses of participating seed companies. Thank them for their courage and tell them you saw their variety in our program.

The MU Variety Testing Program has provided Missouri farmers with unbiased variety comparisons for more than 75 years, first with corn, then soybean and wheat. Current staff members have a total of over 80 years of experience with testing crop yield performance. Our plots are placed where you farm. They have the soils and weather conditions your fields have. The MU Variety Testing Program is on-farm research in the truest sense of the word. Fifteen of our locations are on farmer fields in your communities. The other four locations are MU farms. These CAFNR owned and operated research centers sample the north, central and southeast regions of Missouri and combined with the private farm locations provide you with the diversity of environments you need to select the best varieties for your farm. View the map in our procedures section to see the placement of our locations and the cooperators that are so important to the quality of our information.

Evaluating yield and making decisions based on that evaluation are difficult because yield is highly affected by environment — even the small differences that exist across a field. We use replication, plot size, and plot placement to minimize the “noise.” Please read the procedures section of this book to better understand what we do and the tools we provide you to make variety selection decisions. Our data tables are arranged to help you quickly see how varieties compare. We strongly suggest that you use information from more than one location. Our tables of “region means” provide you comparisons across multiple locations. Although yield is extremely important, please see our variety characteristics table located near the back of the book to view additional information that you might find helpful during variety selection.

Thank you for your interest and support. Please support the companies that participate in our program. If you have suggestions on how we can improve our program, please contact me directly (wieboldw@missouri.edu). The MU Variety Testing Program exists to serve your needs. We want to provide you with the best information possible.



William “Bill” Wiebold

PROCEDURES

Regions and locations

The MU Variety Testing Program divides the soybean growing region of Missouri into four regions: North, Central, Southeast, and Southwest. North, Central, and Southeast regions contain five locations, while the Southwest contains four. The same varieties are tested in all locations within a region.

Locations for 2017 are as follows:

1. **Craig** (Holt County); Steve Cunningham Farm
2. **Albany** (Gentry County); Hundley-Whaley Research Center
3. **Mooreville** (Livingston County); Beetsma Farms
4. **Novelty** (Knox County); Greenley Research Center
5. **Canton** (Lewis County); Lloyd & McCutchan Farm
6. **Henrietta** (Ray County); John Williams Farm
7. **Grand Pass** (Saline County); Ryland and Fred Utlaut Farm
8. **Columbia** (Boone County); Bradford Research Center
9. **Truxton** (Montgomery County); Roy Cope Farm
10. **Annada** (Pike County); Bob Burkemper Farm
11. **Garden City** (Cass County); Bill Cook Farm
12. **Adrian** (Bates County); Tenholder Farms
13. **Urich** (Henry County); Kurt Gretzinger Farm
14. **Lamar** (Barton County); Wally Norton Farm
15. **Chaffee** (Scott County); Martin Eftink Farm
16. **Charleston** (Mississippi County); Don Deline Farm
17. **Morehouse** (New Madrid County); Tom Jennings Farm
and **New Madrid** (New Madrid County) Peter Rost Farm
18. **Portageville** (Pemiscot County); Fisher Delta Research Center



Entries

All seed companies and organizations were eligible to enter the 2017 soybean test. Participation was voluntary and the MU Variety Testing Program exercised no control over which or how many varieties were entered. The MU Variety Testing Program receives no Missouri tax dollars, so a fee was collected for each entry to fund the program.

All soybean varieties, regardless of herbicide trait, were entered into a single test. Varieties were separated by Maturity Group e.g. MG 3, MG 4, and MG 5. Maturity Group information was provided by seed companies.

Field plot design and plot management

Varieties were randomly arranged in the field according to a lattice design with three replications. Row spacing for all locations was 30 inches and seeding rate was 160,000 seeds/acre. Plots were two rows wide (5 feet) and 27 feet long. All rows of each plot were harvested to determine yield. Plots were planted and harvested with commercial equipment modified for small plot work. Fertilizer was applied at each location at the discretion of the farmer or the station manager. Weed control was achieved with pre-plant herbicides and various conventional post-emergence herbicides. Additional hand weeding was done as required. Management details varied among locations and are specified in the regional crop management summaries.

Data recorded

Lodging and height were determined immediately before harvest. A scale of 1 to 5 was used to score lodging where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40%–60% plants down, 5 = more than 80% plants down. During harvest, plot grain weights were measured and an

electronic moisture tester was used to determine the moisture content of the grain. Yields were corrected to a moisture content of 13% and expressed as bushels/acre. The MU Variety Testing program attempted to locate sites in fields of low to moderate levels of SCN.

Comparing varieties

The performance of a variety cannot be measured with absolute precision. Uncontrolled variability is involved in the determination of each plot's yield. This variability exists in all field experiments and in farmer fields. Statistics are used to account for this variability and to assist farmers in selecting superior varieties. The statistical tool used by the MU Variety Testing Program is called "least significant difference" (LSD). The LSD is simple to use. When two varieties are compared and the difference between them is greater than the LSD, the entries are considered to be significantly different. Differences between two varieties that are smaller than the LSD may have occurred by chance and are considered to be not significant. In other words, the two varieties might have the same yield, grain moisture or other characteristics of interest. The LSD can be found at the bottom of each table.

The MU Variety Testing Program arranges varieties within each table from highest yield to lowest yield. The "top yielding" variety in each test is identified by a double asterisk (**) placed next to its yield. Varieties that did not yield significantly less than the highest yielding variety in the test are denoted in the tables by a single asterisk (*). Thus, by reading down the yield column, readers can readily identify the highest yielding varieties in a test.

Variety performance may seem inconsistent from location to location and from year to year. These differences are caused by differences among environments for rainfall, temperatures, soil fertility, diseases, insects, and many other factors. To obtain an improved estimate of relative variety performance, readers should consider results from more than one environment (locations and/or years). The vast majority of varieties are entered into our tests for only one year, so comparing varieties across multiple locations becomes even more important. The MU Variety Testing Program facilitates variety comparisons across locations by publishing Region Means. Region Means tables contain yield data from all individual locations in the region with yields averaged across the locations. The variety with the highest average yield and varieties that do not differ for yield from that variety are designated with double (**) and single (*) asterisks.

Although yield usually receives first consideration, other agronomic characteristics may be equally important when selecting a soybean variety. Standability, maturity, herbicide tolerance and disease resistance are among the characteristics that deserve careful consideration. We provide a table that contains several important characteristics of varieties entered into the MU Variety Testing Program. This information was provided by seed companies. Please contact seed company representatives for the latest information. Seed entered into the MU Variety Testing Program is usually treated with one or more seed treatments. These seed treatments are identified in the table listing the variety characteristics.

Accessibility of data

Results of the 2017 crop performance tests are available online at varietytesting.missouri.edu. If you need help accessing the website or would like to receive a printed copy, please call 573-882-2307.

Authors

William J. Wiebold, professor of Plant Sciences and state extension specialist;
Delbert Knerr; Michael Grissum; Chris Cravens; and Jarrod Nichols.

NORTH REGION — CROP MANAGEMENT SUMMARY

Characteristics of Soybean Test Locations — North Region

Location	Soil type	Soil test				Precipitation					
		pH	OM	P	K	May	June	July	Aug.	Sept.	Season
Albany	Grundy silt loam	6.6	3.1	89	271	3.3"	11.5"	5.1"	2.4"	1.2"	23.5"
Canton	Westerville silt loam	6.0	2.3	108	564	3.0"	5.1"	1.5"	3.8"	0.4"	13.8"
Craig	Blencoe silt clay	7.4	1.9	73	760	2.4"	2.5"	1.9"	2.3"	2.5"	11.6"
Mooreville	Grundy silt loam	6.1	3.9	60	377	2.6"	6.9"	3.3"	2.8"	1.4"	17.0"
Novelty	Putnam silt loam	6.1	2.3	37	233	2.4"	6.3"	0.9"	5.7"	0.4"	15.7"

Crop Management Practices at Soybean Test Locations — North Region

Location	Dates		Fertilizer			Tillage	Herbicides	
	Planting	Harvest	N	P ₂ O ₅	K ₂ O		Pre	Post
Albany	June 5	Nov. 3	0	50	60	Min.	Dual II Magnum, Sonic, Liberty	First Rate, Fusilade
Canton	June 2	Oct. 25	0	0	0	Conv.	Dual II Magnum, Sonic, Liberty	Reflex, Select Max, Basagran
Craig	June 6	Nov. 6	0	0	0	Conv.	Dual II Magnum, Sonic, Liberty	Ultra Blazer, Select Max
Mooreville	June 3	Oct. 31	0	0	0	No-till	Dual II Magnum, Sonic, Liberty	Reflex, Select Max, Basagran
Novelty	June 1	Oct 30	13	65	115	Min.	Dual II Magnum, Sonic	Reflex, Select Max, Basagran

Notes:

Exposure to the herbicide dicamba was reported in soybean fields in many areas of Missouri. Not all of the varieties entered into the MU Variety Testing Program are resistant to dicamba. We visited all of our locations and rated the plants for foliar symptoms. In addition, we carefully studied variety rankings across locations within a region. Locations in the North Region exhibited light to no foliar symptoms. Variety rankings across the five locations were consistent with no yield effects from dicamba.

NORTH REGION

Albany — Maturity Group 3

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Willcross WXE3386N	63.1**	3.8	1	40
Midland 3926NRS2	62.3*	3.9	1	32
Midland 3983NR2	61.9*	3.9	1	41
Midland 3938NX	61.3*	3.9	1	35
Beck's 3353X2	60.7*	3.3	1	33
MorSoy 3907 RXT	59.9*	3.9	1	40
Midland 3537NX	59.8*	3.5	1	36
AgriGold G3980RX	59.6*	3.9	1	36
Mycogen 5N361R2	59.4*	3.6	1	40
MorSoy 3611 RXT	59.3*	3.6	1	37
NuTech 7352X	59.3*	3.5	1	35
FS HiSOY 39X70	58.9*	3.9	1	36
Mycogen 5N387R2	58.9*	3.8	1	39
MorSoy XP 1705	58.8*	3.5	1	33
MorSoy XP 1706	58.2*	3.5	1	38
MorSoy 3357 RXT	58.1*	3.3	1	35
Dyna-Gro S35XT97	57.8	3.5	1	31
FS HiSOY 37X70	57.4	3.7	1	34
Green Valley 38X8	57.3	3.8	1	32
MorSoy 3726 RXT	57.3	3.7	1	40
Hoegemeyer HPT LL3455 NS	56.9	3.4	1	33
Hoblit 384LL	56.8	3.8	1	33
Green Valley 36X7	56.6	3.6	1	33
AgVenture 38H4R	56.5	3.8	1	42
AgriGold G3520RX	56.3	3.5	1	33
FS HiSOY 35L42	56.3	3.5	1	28
Power Plus 38K6	56.1	3.8	1	36
Green Valley 37X6	56.0	3.7	1	37
MorSoy 3747 RXT	56.0	3.7	1	27
MorSoy XP 1704	55.9	3.3	1	35
FS HiSOY 32X70	55.8	3.2	1	32
MorSoy 3922 RXT	55.8	3.9	1	36
AgVenture 35H8LL	55.7	3.5	1	36
Beck's 3779X2	55.6	3.7	1	33
Dyna-Gro S39XT68	55.4	3.9	1	38
FS HiSOY 38L42	55.3	3.8	1	36
MorSoy 3806 RXT	55.3	3.8	1	36
Mycogen 5N354R2	55.3	3.5	1	36
Willcross WXE3367N	55.3	3.6	1	36
Green Valley 39X7	55.2	3.9	1	36
MFS MO EXP 2283 CSTS	55.0	3.8	1	37

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
FS HiSOY 35X70	54.8	3.5	1	30
AgriGold G3410RX	54.7	3.4	1	34
AgriGold G3712RX	54.7	3.7	1	31
Willcross WXE3377N	54.7	3.7	1	36
FS HiSOY 34X60	54.4	3.4	1	32
Mycogen 5N393R2	54.2	3.9	1	36
MorSoy 3887 RXT	54.0	3.8	1	36
Power Plus 36R8	53.4	3.6	1	36
NuTech 3361L	53.0	3.6	1	37
Midland 3258NX	52.7	3.2	1	30
Momentum 38C05	52.7	3.8	1	39
AgVenture 38W5X	52.6	3.8	1	36
MorSoy 3967 RXT	52.5	3.9	1	37
Power Plus 36A1X	52.2	3.6	1	35
Hoblit 368LL	52.1	3.6	1	34
Hoegemeyer HPT LL3813 N	51.9	3.8	1	36
AgVenture 38E8LL	51.7	3.8	1	35
Green Valley 34X7	51.6	3.4	1	34
NuTech 3386L	51.0	3.8	1	36
Hoegemeyer HPT 3679 NX	49.7	3.6	1	37
Momentum 39C07	47.3	3.9	1	30
Mean	55.9		1	35
LSD (10%)	5.1			
CV (%)	8.7			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

NORTH REGION

Albany — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Midland 4373NR2	66.0**	4.3	1	40
FS HiSOY 41X70	65.6*	4.1	1	38
MorSoy 4117 RXT	64.8*	4.1	1	35
MorSoy 4242 RXT	64.7*	4.2	1	32
Dyna-Gro S43XS27	64.6*	4.3	1	31
Midland 4328NX	64.1*	4.3	1	37
Mycogen 5N424R2	64.0*	4.2	1	32
Mycogen 5N433R2	62.9*	4.3	1	43
Mycogen 5N431R2	62.7*	4.3	1	34
NuTech 3427L	62.5*	4.2	1	36
AgVenture 41H1LL	61.5	4.1	1	34
AgVenture 41B5LL	60.4	4.1	1	40
Mycogen 5N415R2	59.0	4.1	1	40
AgVenture 41W7X	58.5	4.1	1	38
Hoblit 418LL	57.4	4.1	1	40
Power Plus 41B8	56.4	4.1	1	38
Mean	61.0		1	36
LSD (10%)	3.8			
CV (%)	5.9			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

NORTH REGION

Canton — Maturity Group 3

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
AgriGold G3410RX	74.2**	3.4	1	34
Willcross WXE3386N	70.4*	3.8	1	50
AgVenture 38H4R	69.8*	3.8	1	50
Power Plus 38K6	69.4*	3.8	1	46
Beck's 3779X2	69.2*	3.7	1	41
AgVenture 35H8LL	69.0*	3.5	1	44
MorSoy 3357 RXT	68.7*	3.3	1	42
Midland 3938NX	68.4*	3.9	1	43
AgriGold G3520RX	68.2*	3.5	1	42
MorSoy 3806 RXT	67.9*	3.8	2	43
Midland 3926NRS2	67.5	3.9	1	42
Willcross WXE3367N	66.6	3.6	1	37
FS HiSOY 35X70	66.5	3.5	1	42
MorSoy XP 1704	66.4	3.3	1	41
AgriGold G3712RX	66.2	3.7	1	46
NuTech 3386L	66.0	3.8	1	48
Green Valley 37X6	65.8	3.7	1	36
Hoegemeyer HPT LL3813 N	65.7	3.8	1	36
Hoblit 368LL	65.2	3.6	1	40
Dyna-Gro S39XT68	65.1	3.9	1	48
Willcross WXE3377N	65.1	3.7	1	38
Midland 3258NX	65.0	3.2	1	36
Mycogen 5N387R2	64.9	3.8	1	43
Hoegemeyer HPT LL3455 NS	64.6	3.4	1	36
FS HiSOY 34X60	64.3	3.4	1	38
FS HiSOY 38L42	64.3	3.8	1	37
Midland 3537NX	64.2	3.5	1	42
AgVenture 38E8LL	63.9	3.8	1	43
MorSoy 3907 RXT	63.9	3.9	1	40
Power Plus 36R8	63.9	3.6	1	41
MorSoy 3747 RXT	63.7	3.7	1	40
Green Valley 39X7	63.6	3.9	1	41
Hoblit 384LL	63.5	3.8	1	42
Mycogen 5N361R2	63.5	3.6	1	42
AgriGold G3980RX	63.3	3.9	1	44
MorSoy 3967 RXT	63.1	3.9	1	45
Mycogen 5N354R2	63.0	3.5	1	42
MorSoy 3611 RXT	62.4	3.6	1	48
MorSoy XP 1705	61.3	3.5	1	36
Green Valley 36X7	61.0	3.6	1	38
Green Valley 38X8	60.8	3.8	1	40
Midland 3983NR2	60.8	3.9	1	42

Canton — Maturity Group 3 North Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
AgVenture 38W5X	60.7	3.8	1	43
NuTech 3361L	60.7	3.6	1	38
Mycogen 5N393R2	60.3	3.9	1	38
FS HiSOY 35L42	59.1	3.5	1	36
MorSoy 3922 RXT	59.1	3.9	1	42
Green Valley 34X7	58.7	3.4	1	30
MorSoy 3887 RXT	58.7	3.8	1	49
Dyna-Gro S35XT97	58.3	3.5	1	36
FS HiSOY 39X70	58.2	3.9	1	38
Momentum 38C05	58.1	3.8	1	34
MorSoy XP 1706	58.0	3.5	1	40
MorSoy 3726 RXT	57.5	3.7	1	32
NuTech 7352X	57.2	3.5	1	40
MFS MO EXP 2283 CSTS	57.1	3.8	1	38
FS HiSOY 32X70	56.9	3.2	1	41
Hoegemeyer HPT 3679 NX	56.5	3.6	1	44
Momentum 39C07	56.4	3.9	1	36
Power Plus 36A1X	55.2	3.6	1	46
FS HiSOY 37X70	54.7	3.7	1	40
Beck's 3353X2	51.5	3.3	1	28
Mean	62.7		1	41
LSD (10%)	6.6			
CV (%)	10.1			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

NORTH REGION

Canton — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Dyna-Gro S43XS27	68.7**	4.3	2	48
Mycogen 5N415R2	68.0*	4.1	1	44
Mycogen 5N431R2	67.0*	4.3	1	42
FS HiSOY 41X70	66.3*	4.1	1	43
Midland 4373NR2	65.9*	4.3	1	43
MorSoy 4117 RXT	65.6*	4.1	1	40
AgVenture 41B5LL	65.4*	4.1	2	46
Mycogen 5N424R2	65.0*	4.2	1	40
Midland 4328NX	64.4*	4.3	1	44
MorSoy 4242 RXT	63.2*	4.2	1	46
AgVenture 41H1LL	62.8*	4.1	1	41
Power Plus 41B8	62.7*	4.1	1	49
Hoblit 418LL	61.6	4.1	1	40
NuTech 3427L	57.9	4.2	1	44
AgVenture 41W7X	53.6	4.1	3	44
Mycogen 5N433R2	47.8	4.3	3	44
Mean	61.2		1	43
LSD (10%)	6.3			
CV (%)	9.7			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

NORTH REGION

Craig — Maturity Group 3

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Momentum 38C05	63.9**	3.8	1	31
Mycogen 5N387R2	63.7*	3.8	1	40
MorSoy 3806 RXT	61.7*	3.8	1	42
Power Plus 36R8	61.1*	3.6	1	39
MorSoy 3922 RXT	60.9*	3.9	1	39
Willcross WXE3386N	60.8*	3.8	1	38
Midland 3926NRS2	60.7*	3.9	1	36
AgVenture 38W5X	60.6*	3.8	1	33
AgriGold G3980RX	60.3*	3.9	1	37
AgVenture 38H4R	60.2*	3.8	1	43
Hoegemeyer HPT 3679 NX	60.2*	3.6	1	38
MorSoy 3907 RXT	60.2*	3.9	1	36
MorSoy 3357 RXT	60.1*	3.3	1	38
MorSoy 3611 RXT	59.9*	3.6	1	38
FS HiSOY 39X70	59.2	3.9	1	36
Midland 3938NX	58.8	3.9	1	39
FS HiSOY 32X70	58.7	3.2	1	36
Green Valley 39X7	58.6	3.9	1	36
Power Plus 38K6	58.6	3.8	1	38
Mycogen 5N354R2	58.2	3.5	1	38
Midland 3983NR2	57.8	3.9	1	39
AgriGold G3520RX	57.7	3.5	1	32
Willcross WXE3377N	57.3	3.7	1	39
Momentum 39C07	56.8	3.9	1	34
Dyna-Gro S35XT97	56.6	3.5	1	32
Mycogen 5N361R2	56.4	3.6	1	41
Hoegemeyer HPT LL3455 NS	55.8	3.4	1	30
Mycogen 5N393R2	55.8	3.9	1	36
AgriGold G3712RX	55.7	3.7	1	37
Dyna-Gro S39XT68	55.7	3.9	1	36
AgVenture 35H8LL	55.6	3.5	1	36
FS HiSOY 35L42	55.5	3.5	1	36
MorSoy XP 1704	55.1	3.3	1	38
Midland 3258NX	55.0	3.2	1	34
MorSoy 3887 RXT	54.8	3.8	1	42
Midland 3537NX	54.7	3.5	1	34
MorSoy 3747 RXT	54.7	3.7	1	36
MorSoy XP 1706	54.7	3.5	1	37
AgVenture 38E8LL	54.3	3.8	1	36
FS HiSOY 35X70	54.3	3.5	1	32
NuTech 3386L	54.2	3.8	1	36
Hoegemeyer HPT LL3813 N	54.1	3.8	1	35

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
MorSoy XP 1705	54.0	3.5	1	34
MorSoy 3726 RXT	53.9	3.7	1	35
Willcross WXE3367N	53.4	3.6	1	32
Power Plus 36A1X	53.0	3.6	1	36
Hoblit 384LL	52.1	3.8	1	34
FS HiSOY 38L42	51.9	3.8	1	37
MorSoy 3967 RXT	51.8	3.9	1	39
FS HiSOY 34X60	50.7	3.4	1	32
FS HiSOY 37X70	50.7	3.7	1	36
Green Valley 37X6	50.5	3.7	1	35
Green Valley 34X7	50.4	3.4	1	30
Green Valley 38X8	50.4	3.8	1	36
Hoblit 368LL	50.1	3.6	1	36
NuTech 3361L	49.8	3.6	1	35
MFS MO EXP 2283 CSTS	49.6	3.8	1	34
Green Valley 36X7	48.9	3.6	1	33
AgriGold G3410RX	47.9	3.4	1	31
NuTech 7352X	47.7	3.5	1	36
Beck's 3779X2	47.4	3.7	1	32
Beck's 3353X2	43.3	3.3	1	33
Mean	55.6		1	36
LSD (10%)	4.5			
CV (%)	7.7			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

NORTH REGION

Craig — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Midland 4373NR2	65.4**	4.3	1	37
AgVenture 41H1LL	62.2*	4.1	1	39
Mycogen 5N431R2	61.6	4.3	1	39
Mycogen 5N424R2	60.7	4.2	1	39
MorSoy 4117 RXT	59.8	4.1	1	38
Hoblit 418LL	59.2	4.1	1	36
FS HiSOY 41X70	59.0	4.1	1	41
Midland 4328NX	58.2	4.3	1	37
Power Plus 41B8	57.3	4.1	1	38
Dyna-Gro S43XS27	56.8	4.3	1	44
Mycogen 5N415R2	56.6	4.1	1	40
MorSoy 4242 RXT	54.7	4.2	1	42
Mycogen 5N433R2	54.4	4.3	1	45
AgVenture 41W7X	53.6	4.1	1	36
NuTech 3427L	52.1	4.2	1	41
AgVenture 41B5LL	50.5	4.1	1	38
Mean	56.1		1	38
LSD (10%)	3.6			
CV (%)	6.0			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

NORTH REGION

Mooreville — Maturity Group 3

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
MorSoy 3967 RXT	63.1**	3.9	3	47
MorSoy 3806 RXT	62.0*	3.8	3	43
FS HiSOY 34X60	61.9*	3.4	3	35
MorSoy 3726 RXT	61.8*	3.7	2	40
Mycogen 5N387R2	61.1*	3.8	2	43
AgriGold G3520RX	60.8*	3.5	2	43
Power Plus 36R8	60.6*	3.6	3	43
Willcross WXE3386N	60.5*	3.8	3	40
AgriGold G3410RX	59.5*	3.4	3	40
Midland 3926NRS2	59.0*	3.9	2	43
Hoegemeyer HPT 3679 NX	58.8*	3.6	2	40
AgVenture 38E8LL	58.1*	3.8	2	42
FS HiSOY 32X70	58.1*	3.2	3	48
MorSoy 3887 RXT	58.1*	3.8	3	41
AgriGold G3980RX	57.8*	3.9	2	40
NuTech 7352X	57.8*	3.5	3	45
NuTech 3386L	57.7	3.8	2	38
AgVenture 35H8LL	57.6	3.5	3	49
FS HiSOY 35X70	57.5	3.5	3	40
Mycogen 5N393R2	57.5	3.9	3	40
Green Valley 39X7	57.4	3.9	3	36
Hoblit 368LL	57.4	3.6	3	46
Green Valley 37X6	57.3	3.7	4	47
Power Plus 38K6	56.8	3.8	2	41
AgriGold G3712RX	56.7	3.7	3	39
Willcross WXE3377N	56.7	3.7	3	40
Power Plus 36A1X	56.6	3.6	2	44
MorSoy 3747 RXT	56.5	3.7	4	45
Midland 3537NX	56.3	3.5	2	43
MorSoy 3922 RXT	55.6	3.9	3	36
Hoegemeyer HPT LL3455 NS	55.5	3.4	3	40
Willcross WXE3367N	55.2	3.6	3	48
Beck's 3353X2	55.0	3.3	3	42
Midland 3983NR2	54.9	3.9	3	49
Beck's 3779X2	54.3	3.7	2	45
Mycogen 5N354R2	54.3	3.5	5	41
Midland 3258NX	54.2	3.2	2	42
Green Valley 34X7	54.1	3.4	3	46
AgVenture 38H4R	53.7	3.8	3	49
FS HiSOY 39X70	53.3	3.9	3	44
NuTech 3361L	53.3	3.6	3	41

Mooresville — Maturity Group 3 North Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Midland 3938NX	53.2	3.9	3	43
Dyna-Gro S35XT97	53.1	3.5	4	43
Mycogen 5N361R2	53.1	3.6	3	42
Momentum 39C07	52.8	3.9	2	42
MorSoy 3611 RXT	52.6	3.6	4	42
MorSoy XP 1704	52.6	3.3	3	46
Hoegemeyer HPT LL3813 N	52.2	3.8	2	41
Momentum 38C05	52.1	3.8	4	44
MorSoy 3907 RXT	51.7	3.9	3	41
Dyna-Gro S39XT68	51.6	3.9	2	44
FS HiSOY 35L42	51.6	3.5	3	41
FS HiSOY 37X70	51.5	3.7	4	44
Green Valley 38X8	51.5	3.8	3	44
MorSoy 3357 RXT	51.5	3.3	5	44
Green Valley 36X7	50.7	3.6	3	41
MorSoy XP 1706	50.7	3.5	2	42
MorSoy XP 1705	50.3	3.5	3	38
FS HiSOY 38L42	49.4	3.8	3	48
Hoblit 384LL	48.5	3.8	2	46
MFS MO EXP 2283 CSTS	47.7	3.8	4	42
AgVenture 38W5X	45.5	3.8	3	38
Mean	55.3		3	43
LSD (10%)	5.3			
CV (%)	9.1			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

NORTH REGION

Mooreville — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
FS HiSOY 41X70	65.3**	4.1	2	44
Midland 4373NR2	62.0*	4.3	3	42
Mycogen 5N424R2	62.0*	4.2	2	40
Hoblit 418LL	59.4	4.1	1	44
MorSoy 4242 RXT	59.0	4.2	2	48
Mycogen 5N431R2	58.2	4.3	2	46
AgVenture 41H1LL	57.7	4.1	2	49
MorSoy 4117 RXT	57.7	4.1	4	45
NuTech 3427L	57.7	4.2	3	43
Midland 4328NX	56.4	4.3	3	45
Mycogen 5N415R2	56.1	4.1	3	42
AgVenture 41B5LL	55.5	4.1	3	42
AgVenture 41W7X	55.1	4.1	4	43
Mycogen 5N433R2	55.0	4.3	4	42
Dyna-Gro S43XS27	54.7	4.3	3	40
Power Plus 41B8	52.2	4.1	2	47
Mean	57.5		2	43
LSD (10%)	4.9			
CV (%)	8.0			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

NORTH REGION

Novelty — Maturity Group 3

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
MorSoy 3907 RXT	70.2**	3.9	1	32
Midland 3983NR2	69.9*	3.9	1	34
Midland 3938NX	69.7*	3.9	1	33
MorSoy 3806 RXT	69.7*	3.8	1	33
FS HiSOY 39X70	69.2*	3.9	1	36
Willcross WXE3386N	68.3*	3.8	1	31
Mycogen 5N387R2	68.2*	3.8	1	36
MorSoy 3922 RXT	68.0*	3.9	1	34
AgriGold G3520RX	67.4*	3.5	1	28
Midland 3926NRS2	66.8*	3.9	1	32
Dyna-Gro S35XT97	66.6*	3.5	1	30
Green Valley 39X7	66.6*	3.9	1	37
NuTech 3361L	66.4*	3.6	1	33
MorSoy 3747 RXT	65.9*	3.7	1	33
AgVenture 38H4R	65.8*	3.8	1	33
NuTech 7352X	65.7*	3.5	1	33
Power Plus 36R8	65.7*	3.6	1	32
Dyna-Gro S39XT68	65.2*	3.9	1	32
AgriGold G3980RX	65.0	3.9	1	32
MorSoy 3967 RXT	65.0	3.9	1	35
AgriGold G3410RX	64.9	3.4	1	28
Hoegemeyer HPT LL3813 N	64.8	3.8	1	32
MorSoy XP 1705	64.8	3.5	1	30
FS HiSOY 32X70	64.5	3.2	1	32
Momentum 39C07	64.4	3.9	1	28
Willcross WXE3377N	64.4	3.7	1	31
MorSoy 3887 RXT	64.3	3.8	1	33
Hoegemeyer HPT LL3455 NS	64.1	3.4	1	30
FS HiSOY 34X60	64.0	3.4	1	29
MorSoy XP 1704	64.0	3.3	1	34
AgVenture 38W5X	63.9	3.8	1	33
MorSoy XP 1706	63.9	3.5	1	36
AgVenture 35H8LL	63.7	3.5	1	31
FS HiSOY 37X70	63.4	3.7	1	32
Hoblit 368LL	63.4	3.6	1	31
Midland 3537NX	63.4	3.5	1	32
Green Valley 38X8	63.1	3.8	1	29
MorSoy 3357 RXT	63.0	3.3	1	34
AgVenture 38E8LL	62.9	3.8	1	30
Willcross WXE3367N	62.9	3.6	1	32
Hoblit 384LL	62.8	3.8	1	34
Hoegemeyer HPT 3679 NX	62.8	3.6	1	34

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
MFS MO EXP 2283 CSTS	62.8	3.8	1	30
MorSoy 3611 RXT	62.6	3.6	1	34
Green Valley 34X7	62.5	3.4	1	31
Mycogen 5N361R2	62.4	3.6	1	35
Mycogen 5N393R2	61.9	3.9	1	30
Beck's 3353X2	61.7	3.3	1	28
Mycogen 5N354R2	61.6	3.5	1	33
FS HiSOY 35L42	60.8	3.5	1	31
AgriGold G3712RX	60.7	3.7	1	30
Momentum 38C05	60.7	3.8	1	30
Power Plus 36A1X	60.7	3.6	1	36
MorSoy 3726 RXT	60.4	3.7	1	27
Midland 3258NX	59.6	3.2	1	30
Green Valley 36X7	59.3	3.6	1	30
NuTech 3386L	59.3	3.8	1	33
Power Plus 38K6	59.1	3.8	1	35
Green Valley 37X6	58.7	3.7	1	32
FS HiSOY 35X70	58.6	3.5	1	28
FS HiSOY 38L42	57.2	3.8	1	32
Beck's 3779X2	57.0	3.7	1	32
Mean	63.5		1	32
LSD (10%)	5.0			
CV (%)	7.5			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

NORTH REGION

Novelty — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Dyna-Gro S43XS27	68.7**	4.3	1	36
FS HiSOY 41X70	65.9*	4.1	1	33
MorSoy 4117 RXT	64.9*	4.1	1	30
Mycogen 5N424R2	64.7	4.2	1	31
Midland 4328NX	64.2	4.3	1	35
MorSoy 4242 RXT	63.5	4.2	1	34
Power Plus 41B8	63.5	4.1	1	36
AgVenture 41B5LL	63.3	4.1	1	34
Midland 4373NR2	62.5	4.3	1	33
Mycogen 5N431R2	62.3	4.3	1	33
Mycogen 5N415R2	60.7	4.1	1	34
NuTech 3427L	60.5	4.2	1	34
AgVenture 41W7X	60.4	4.1	1	30
Mycogen 5N433R2	59.7	4.3	1	38
AgVenture 41H1LL	58.5	4.1	1	29
Hoblit 418LL	55.9	4.1	1	32
Mean	59.9		1	32
LSD (10%)	3.9			
CV (%)	6.1			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

NORTH REGION

SUMMARY — MATURITY GROUP 3

Brand-Variety	Albany (bu/ac)	Canton (bu/ac)	Craig (bu/ac)	Mooreville (bu/ac)	Novelty (bu/ac)	Mean (bu/ac)
Willcross WXE3386N	63.1**	70.4*	60.8*	60.5*	68.3*	64.6**
Mycogen 5N387R2	58.9*	64.9	63.7*	61.1*	68.2*	63.4*
MorSoy 3806 RXT	55.3	67.9*	61.7*	62.0*	69.7*	63.3*
Midland 3926NRS2	62.3*	67.5	60.7*	59.0*	66.8*	63.3*
Midland 3938NX	61.3*	68.4*	58.8	53.2	69.7*	62.3*
AgriGold G3520RX	56.3	68.2*	57.7	60.8*	67.4*	62.1*
AgriGold G3980RX	59.6*	63.3	60.3*	57.8*	65.0	61.2
AgVenture 38H4R	56.5	69.8*	60.2*	53.7	65.8*	61.2
MorSoy 3907 RXT	59.9*	63.9	60.2*	51.7	70.2**	61.2
Midland 3983NR2	61.9*	60.8	57.8	54.9	69.9*	61.1
Power Plus 36R8	53.4	63.9	61.1*	60.6*	65.7*	60.9
AgVenture 35H8LL	55.7	69.0*	55.6	57.6	63.7	60.3
Green Valley 39X7	55.2	63.6	58.6	57.4	66.6*	60.3
MorSoy 3357 RXT	58.1*	68.7*	60.1*	51.5	63.0	60.3
AgriGold G3410RX	54.7	74.2**	47.9	59.5*	64.9	60.2
Power Plus 38K6	56.1	69.4*	58.6	56.8	59.1	60.0
MorSoy 3922 RXT	55.8	59.1	60.9*	55.6	68.0*	59.9
FS HiSOY 39X70	58.9*	58.2	59.2	53.3	69.2*	59.8
Midland 3537NX	59.8*	64.2	54.7	56.3	63.4	59.7
Willcross WXE3377N	54.7	65.1	57.3	56.7	64.4	59.6
Hoegemeyer HPT LL3455 NS	56.9	64.6	55.8	55.5	64.1	59.4
MorSoy 3611 RXT	59.3*	62.4	59.9*	52.6	62.6	59.4
MorSoy 3747 RXT	56.0	63.7	54.7	56.5	65.9*	59.4
MorSoy 3967 RXT	52.5	63.1	51.8	63.1**	65.0	59.1
FS HiSOY 34X60	54.4	64.3	50.7	61.9*	64.0	59.1
Mycogen 5N361R2	59.4*	63.5	56.4	53.1	62.4	59.0
AgriGold G3712RX	54.7	66.2	55.7	56.7	60.7	58.8
FS HiSOY 32X70	55.8	56.9	58.7	58.1*	64.5	58.8
MorSoy XP 1704	55.9	66.4	55.1	52.6	64.0	58.8
Willcross WXE3367N	55.3	66.6	53.4	55.2	62.9	58.7
Dyna-Gro S39XT68	55.4	65.1	55.7	51.6	65.2*	58.6
Mycogen 5N354R2	55.3	63.0	58.2	54.3	61.6	58.5
Dyna-Gro S35XT97	57.8	58.3	56.6	53.1	66.6*	58.5
FS HiSOY 35X70	54.8	66.5	54.3	57.5	58.6	58.3
AgVenture 38E8LL	51.7	63.9	54.3	58.1*	62.9	58.2
MorSoy 3726 RXT	57.3	57.5	53.9	61.8*	60.4	58.2
MorSoy 3887 RXT	54.0	58.7	54.8	58.1*	64.3	58.0
Mycogen 5N393R2	54.2	60.3	55.8	57.5	61.9	57.9
MorSoy XP 1705	58.8*	61.3	54.0	50.3	64.8	57.8
Hoegemeyer HPT LL3813 N	51.9	65.7	54.1	52.2	64.8	57.7
Green Valley 37X6	56.0	65.8	50.5	57.3	58.7	57.7

Summary — Maturity Group 3 North Region (continued)

Brand-Variety	Albany (bu/ac)	Canton (bu/ac)	Craig (bu/ac)	Mooreville (bu/ac)	Novelty (bu/ac)	Mean (bu/ac)
Hoblit 368LL	52.1	65.2	50.1	57.4	63.4	57.6
NuTech 3386L	51.0	66.0	54.2	57.7	59.3	57.6
Hoegemeyer HPT 3679 NX	49.7	56.5	60.2*	58.8*	62.8	57.6
NuTech 7352X	59.3*	57.2	47.7	57.8*	65.7*	57.5
Momentum 38C05	52.7	58.1	63.9**	52.1	60.7	57.5
Midland 3258NX	52.7	65.0	55.0	54.2	59.6	57.3
MorSoy XP 1706	58.2*	58.0	54.7	50.7	63.9	57.1
Hoblit 384LL	56.8	63.5	52.1	48.5	62.8	56.7
Beck's 3779X2	55.6	69.2*	47.4	54.3	57.0	56.7
AgVenture 38W5X	52.6	60.7	60.6*	45.5	63.9	56.7
FS HiSOY 35L42	56.3	59.1	55.5	51.6	60.8	56.7
NuTech 3361L	53.0	60.7	49.8	53.3	66.4*	56.6
Green Valley 38X8	57.3	60.8	50.4	51.5	63.1	56.6
FS HiSOY 38L42	55.3	64.3	51.9	49.4	57.2	55.6
Momentum 39C07	47.3	56.4	56.8	52.8	64.4	55.5
FS HiSOY 37X70	57.4	54.7	50.7	51.5	63.4	55.5
Power Plus 36A1X	52.2	55.2	53.0	56.6	60.7	55.5
Green Valley 34X7	51.6	58.7	50.4	54.1	62.5	55.5
Green Valley 36X7	56.6	61.0	48.9	50.7	59.3	55.3
Beck's 3353X2	60.7*	51.5	43.3	55.0	61.7	54.4
MFS MO EXP 2283 CSTS	55.0	57.1	49.6	47.7	62.8	54.4
Mean	55.9	62.7	55.6	55.3	63.5	58.6
LSD (10%)	5.1	6.6	4.5	5.3	5.0	3.0
CV (%)	8.7	10.1	7.7	9.1	7.5	8.6

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

NORTH REGION

SUMMARY — MATURITY GROUP 4

Brand-Variety	Albany (bu/ac)	Canton (bu/ac)	Craig (bu/ac)	Mooreville (bu/ac)	Novelty (bu/ac)	Mean (bu/ac)
FS HiSOY 41X70	65.6*	66.3*	59.0	65.3**	65.9*	64.4**
Midland 4373NR2	66.0**	65.9*	65.4**	62.0*	62.5	64.4**
Mycogen 5N424R2	64.0*	65.0*	60.7	62.0*	64.7	63.3*
Dyna-Gro S43XS27	64.6*	68.7**	56.8	54.7	68.7**	62.7*
MorSoy 4117 RXT	64.8*	65.6*	59.8	57.7	64.9*	62.6*
Mycogen 5N431R2	62.7*	67.0*	61.6	58.2	62.3	62.4*
Midland 4328NX	64.1*	64.4*	58.2	56.4	64.2	61.5
MorSoy 4242 RXT	64.7*	63.2*	54.7	59.0	63.5	61.0
AgVenture 41H1LL	61.5	62.8*	62.2*	57.7	58.5	60.5
Mycogen 5N415R2	59.0	68.0*	56.6	56.1	60.7	60.1
AgVenture 41B5LL	60.4	65.4*	50.5	55.5	63.3	59.0
Hoblit 418LL	57.4	61.6	59.2	59.4	55.9	58.7
Power Plus 41B8	56.4	62.7*	57.3	52.2	63.5	58.4
NuTech 3427L	62.5*	57.9	52.1	57.7	60.5	58.1
AgVenture 41W7X	58.5	53.6	53.6	55.1	60.4	56.2
Mycogen 5N433R2	62.9*	47.8	54.4	55.0	59.7	56.0
Mean	61.0	61.2	56.1	57.5	59.9	59.1
LSD (10%)	3.8	6.3	3.6	4.9	3.9	2.5
CV (%)	5.9	9.7	6.0	8.0	6.1	7.0

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

CENTRAL REGION — CROP MANAGEMENT SUMMARY

Characteristics of Soybean Test Locations — Central Region

Location	Soil type	Soil test				Precipitation					
		pH	OM	P	K	May	June	July	Aug.	Sept.	Season
Annada	Tice silt loam	5.6	2.3	76	234	5.9"	4.2"	2.5"	2.1"	1.0"	15.7"
Columbia	Mexico silt loam	5.9	2.6	23	191	4.5"	3.2"	4.6"	3.0"	0.8"	16.1"
Grand Pass	Haynie silt loam	5.1	2.2	23	356	4.4"	8.5"	2.8"	4.5"	0.6"	20.8"
Henrietta	Haynie silt loam	6.2	1.6	66	325	4.3"	6.2"	6.0"	7.1"	0.9"	24.5"
Truxton	Mexico silt loam	6.7	2.8	116	275	6.3"	2.9"	7.1"	3.9"	1.1"	21.3"

Crop Management Practices at Soybean Test Locations — Central Region

Location	Dates		Fertilizer				Herbicides	
	Planting	Harvest	N	P ₂ O ₅	K ₂ O	Tillage	Pre	Post
Annada	June 6	Oct. 24	0	0	60	Conv.	Dual II Magnum, Sonic, Liberty	Reflex, Select Max
Columbia	May 31	Oct. 27	0	0	0	Conv.	Dual II Magnum, Sonic, Liberty	Ultra Blazer, Select Max, Basagran
Grand Pass	May 31	Nov. 3	0	0	0	Conv.	Dual II Magnum, Sonic, Liberty	Reflex, Select Max, Basagran
Henrietta	June 2	Nov. 7	0	0	0	Conv.	Dual II Magnum, Sonic, Roundup	None
Truxton	May 30	Oct. 18	0	0	0	Min.	Dual II Magnum, Sonic, Liberty	Reflex, Select Max, Basagran

Notes:

Exposure to the herbicide dicamba was reported in soybean fields in many areas of Missouri. Not all of the varieties entered into the MU Variety Testing Program are resistant to dicamba. We visited all of our locations and rated the plants for foliar symptoms. In addition, we carefully studied variety rankings across locations within a region. All but one location in the Central Region exhibited light to no foliar symptoms. At one location, Grand Pass, foliar damage was isolated to a single replication. We removed the yield data from that replication and again checked variety rankings. After removal of the one rep at one location, variety rankings across the five locations were consistent with no yield effects from dicamba.

CENTRAL REGION

Annada — Maturity Group 3

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Midland 3983NR2	83.6**	3.9	1	40
Power Plus 38K6	78.1*	3.8	1	48
FS HiSOY 39X70	76.6	3.9	1	35
MorSoy 3611 RXT	76.3	3.6	1	36
Midland 3938NX	75.9	3.9	1	34
LG C3985RX	75.7	3.9	1	38
MorSoy 3907 RXT	74.7	3.9	1	35
MorSoy 3806 RXT	74.4	3.8	1	38
AgVenture 38E8LL	73.9	3.8	1	37
Power Plus 36R8	73.8	3.6	1	40
Mycogen 5N387R2	73.1	3.8	1	37
AgVenture 38W5X	73.0	3.8	1	38
AgriGold G3712RX	72.9	3.7	1	37
Momentum 39C07	72.8	3.9	1	36
AgVenture 38H4R	72.3	3.8	1	42
FS HiSOY 37X70	72.1	3.7	1	36
MorSoy 3747 RXT	72.0	3.7	1	37
Power Plus 36A1X	71.9	3.6	1	40
Hoblit 368LL	71.2	3.6	1	38
Midland 3926NRS2	71.0	3.9	1	39
MorSoy 3967 RXT	70.7	3.9	1	40
Midland 3537NX	70.6	3.5	1	32
MorSoy 3887 RXT	69.9	3.8	1	39
MorSoy 3922 RXT	69.7	3.9	1	38
Mycogen 5N361R2	69.1	3.6	1	42
MorSoy 3726 RXT	68.7	3.7	1	37
Hoegemeyer HPT LL3813 N	68.6	3.8	1	43
Beck's 394L4	67.5	3.9	1	36
NuTech 3386L	67.5	3.8	1	38
Mycogen 5N393R2	67.2	3.9	1	42
Momentum 38C05	67.0	3.8	1	34
Hoblit 384LL	66.9	3.8	1	36
AgriGold G3980RX	66.2	3.9	1	33
MFS MO EXP 2283 CSTS	65.9	3.8	1	40
NuTech 3361L	65.8	3.6	1	36
LG C3489RX	65.6	3.4	1	32
Dyna-Gro S39XT68	64.9	3.9	1	38
FS HiSOY 32X70	64.8	3.2	1	33
FS HiSOY 38L42	64.4	3.8	1	38
Hoegemeyer HPT 3679 NX	64.4	3.6	1	38
FS HiSOY 34X60	61.5	3.4	1	32

Annada — Maturity Group 3 Central Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
FS HiSOY 35X70	61.1	3.5	1	32
NuTech 7352X	59.7	3.5	1	34
Mean	69.1		1	37
LSD (10%)	5.7			
CV (%)	7.8			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

CENTRAL REGION

Annada — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Willcross WXE3446NS	77.8**	4.4	2	42
MorSoy 4426 RXT	75.3*	4.4	1	41
Midland 4677NXS	74.6*	4.6	1	47
Mycogen 5N415R2	73.9*	4.1	1	42
AgriGold G4440RX	73.0*	4.4	1	43
MorSoy 4777 RXT	71.6	4.7	3	44
MorSoy 4616 RXT	71.5	4.6	2	44
Midland 4956NXS	71.4	4.9	1	46
Mycogen 5N431R2	71.2	4.3	1	38
FS HiSOY 41L42	71.1	4.1	1	43
Dyna-Gro S43XS27	70.7	4.3	1	43
MorSoy 4737 RXT	70.4	4.7	2	52
MorSoy 4242 RXT	69.9	4.2	1	44
AgVenture 41B5LL	69.7	4.1	1	40
Willcross WXE3437N	69.7	4.3	1	44
MorSoy 4667 RXT	69.2	4.6	1	42
FS HiSOY 41X70	69.1	4.1	1	42
AgVenture 44Z8RRSTS	68.5	4.4	1	41
AgriGold G4024RX	68.4	4.0	1	44
Midland 4328NX	68.3	4.3	1	44
MorSoy 4117 RXT	67.9	4.1	1	37
Mycogen 5N433R2	67.8	4.3	1	48
LG C4227RX	67.6	4.2	1	43
Beck's 434L4	67.5	4.3	1	42
FS HiSOY 42L70	67.0	4.2	1	42
AgVenture 47W3LL	66.2	4.7	1	40
Power Plus 41B8	66.1	4.1	1	42
AgVenture 45W7R	66.0	4.5	1	38
Midland 4373NR2	65.4	4.3	1	38
MFS MO EXP 1509	64.7	4.5	1	40
Beck's 4119X2	64.1	4.1	1	39
Dyna-Gro S46XS87	64.1	4.6	1	48
AgVenture 41H1LL	63.3	4.1	1	38
AgVenture 41W7X	63.2	4.1	1	41
Willcross WX1441NLL	62.9	4.1	1	39
MorSoy 4327 RXT	62.5	4.3	1	42
Mycogen 5N424R2	61.6	4.2	1	35
AgVenture 47W2X	61.1	4.7	1	44
Hoblit 418LL	59.8	4.1	1	40
AgVenture 46M8LL	59.3	4.6	1	41
Hoegemeyer HPT LL4117 N	58.7	4.1	1	36

Annada — Maturity Group 4 Central Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
MPV 4238N	56.8	4.2	1	40
NuTech 3427L	56.6	4.2	1	41
MFS MO EXP 84301G	53.6	4.2	2	44
Mean	65.7		1	42
LSD (10%)	5.7			
CV (%)	8.2			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

CENTRAL REGION

Columbia — Maturity Group 3

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
LG C3985RX	57.2**	3.9	2	31
MorSoy 3907 RXT	56.6*	3.9	2	37
Momentum 39C07	55.8*	3.9	1	33
Dyna-Gro S39XT68	54.8*	3.9	2	39
Midland 3938NX	54.6*	3.9	2	39
FS HiSOY 32X70	53.7*	3.2	2	37
MorSoy 3747 RXT	53.6*	3.7	1	40
AgriGold G3980RX	52.7*	3.9	2	36
Mycogen 5N387R2	52.4*	3.8	1	36
FS HiSOY 37X70	52.1*	3.7	2	40
MorSoy 3922 RXT	51.5	3.9	2	34
LG C3489RX	51.3	3.4	2	33
MorSoy 3887 RXT	51.2	3.8	2	38
AgVenture 38E8LL	51.0	3.8	2	36
Midland 3926NRS2	50.9	3.9	2	36
MorSoy 3806 RXT	50.9	3.8	2	40
Midland 3537NX	50.5	3.5	1	32
Hoegemeyer HPT LL3813 N	49.5	3.8	1	32
Momentum 38C05	49.5	3.8	3	33
AgriGold G3712RX	49.2	3.7	2	32
AgVenture 38W5X	49.2	3.8	2	35
MorSoy 3611 RXT	48.7	3.6	2	41
NuTech 3386L	48.7	3.8	2	33
Hoblit 368LL	48.3	3.6	2	34
NuTech 7352X	48.2	3.5	1	40
Power Plus 38K6	48.1	3.8	2	46
FS HiSOY 39X70	47.8	3.9	2	32
MorSoy 3967 RXT	47.7	3.9	2	37
Hoblit 384LL	47.6	3.8	2	36
Beck's 394L4	47.0	3.9	2	34
NuTech 3361L	46.4	3.6	2	35
Power Plus 36A1X	46.1	3.6	2	39
Mycogen 5N361R2	45.9	3.6	2	40
FS HiSOY 34X60	45.8	3.4	2	34
FS HiSOY 38L42	45.8	3.8	1	35
MFS MO EXP 2283 CSTS	45.7	3.8	3	38
MorSoy 3726 RXT	45.0	3.7	1	33
Power Plus 36R8	44.9	3.6	1	31
FS HiSOY 35X70	44.3	3.5	1	35
AgVenture 38H4R	44.2	3.8	2	42
Mycogen 5N393R2	43.8	3.9	2	38

Columbia — Maturity Group 3 Central Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Hoegemeyer HPT 3679 NX	41.9	3.6	2	33
Midland 3983NR2	41.3	3.9	1	41
Mean	49.0		2	36
LSD (10%)	5.2			
CV (%)	8.2			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

CENTRAL REGION

Columbia — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
LG C4227RX	58.2**	4.2	2	37
Mycogen 5N415R2	56.8*	4.1	2	38
Mycogen 5N431R2	56.7*	4.3	2	39
MorSoy 4426 RXT	55.9*	4.4	2	40
Midland 4956NXS	54.6*	4.9	1	45
MorSoy 4117 RXT	54.5*	4.1	2	40
AgVenture 41W7X	54.1*	4.1	3	36
MorSoy 4667 RXT	54.0*	4.6	2	40
Willcross WX1441NLL	54.0*	4.1	1	35
Willcross WXE3446NS	53.7*	4.4	2	40
AgriGold G4440RX	53.6*	4.4	2	41
Dyna-Gro S43XS27	53.4*	4.3	2	41
FS HiSOY 41X70	53.4*	4.1	2	39
Hoegemeyer HPT LL4117 N	53.3*	4.1	1	39
Beck's 4119X2	53.2*	4.1	2	38
FS HiSOY 42L70	53.2*	4.2	3	40
AgVenture 47W3LL	52.9*	4.7	2	39
Midland 4677NXS	52.8*	4.6	2	44
AgVenture 44Z8RRSTS	52.4*	4.4	2	40
AgVenture 45W7R	52.4*	4.5	1	35
Beck's 434L4	52.4*	4.3	2	37
Midland 4373NR2	52.2	4.3	1	36
AgVenture 41H1LL	51.9	4.1	1	39
MorSoy 4616 RXT	51.8	4.6	3	43
Midland 4328NX	51.1	4.3	2	39
AgVenture 41B5LL	50.8	4.1	2	39
Mycogen 5N424R2	50.7	4.2	1	35
Hoblit 418LL	50.4	4.1	1	37
Willcross WXE3437N	50.4	4.3	2	37
MFS MO EXP 1509	50.0	4.5	1	33
AgVenture 46M8LL	49.7	4.6	2	40
MorSoy 4327 RXT	49.5	4.3	2	42
MorSoy 4777 RXT	49.1	4.7	4	41
FS HiSOY 41L42	48.2	4.1	1	37
AgriGold G4024RX	48.0	4.0	2	40
MorSoy 4242 RXT	48.0	4.2	2	36
Power Plus 41B8	47.5	4.1	2	40
MorSoy 4737 RXT	47.4	4.7	2	43
Mycogen 5N433R2	47.1	4.3	3	42
MFS MO EXP 84301G	46.9	4.2	3	39
NuTech 3427L	45.5	4.2	2	38

Columbia — Maturity Group 4 Central Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
MPV 4238N	45.4	4.2	1	39
Dyna-Gro S46XS87	45.1	4.6	2	45
AgVenture 47W2X	42.6	4.7	2	43
Mean	50.9		2	39
LSD (10%)	5.8			
CV (%)	8.8			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

CENTRAL REGION

Grand Pass — Maturity Group 3

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1–5)	Height (inches)
LG C3489RX	85.3**	3.4	2	40
Hoegemeyer HPT 3679 NX	83.9*	3.6	1	42
MorSoy 3907 RXT	83.5*	3.9	2	49
FS HiSOY 32X70	83.3*	3.2	3	44
Dyna-Gro S39XT68	82.9*	3.9	2	48
Midland 3537NX	82.7*	3.5	2	45
FS HiSOY 37X70	81.4*	3.7	1	45
NuTech 3361L	81.2*	3.6	2	45
FS HiSOY 34X60	80.7*	3.4	3	46
Power Plus 38K6	80.7*	3.8	1	43
Midland 3983NR2	80.6*	3.9	2	50
AgriGold G3980RX	79.8*	3.9	2	43
MorSoy 3967 RXT	79.6*	3.9	1	47
MorSoy 3887 RXT	79.0*	3.8	2	44
Mycogen 5N387R2	79.0*	3.8	2	46
Mycogen 5N393R2	78.8*	3.9	2	43
AgriGold G3712RX	78.2*	3.7	3	43
Beck's 394L4	78.2*	3.9	1	42
Mycogen 5N361R2	78.2*	3.6	2	39
AgVenture 38W5X	78.1*	3.8	2	44
MorSoy 3611 RXT	77.9*	3.6	2	45
FS HiSOY 39X70	77.6*	3.9	1	45
MorSoy 3806 RXT	77.6*	3.8	1	47
Power Plus 36R8	77.3*	3.6	2	44
Power Plus 36A1X	77.2*	3.6	1	48
NuTech 3386L	76.9*	3.8	2	38
MorSoy 3726 RXT	76.0*	3.7	2	42
MorSoy 3747 RXT	76.0*	3.7	2	46
Momentum 39C07	75.5	3.9	3	38
LG C3985RX	75.2	3.9	1	43
MorSoy 3922 RXT	74.3	3.9	2	46
FS HiSOY 35X70	73.9	3.5	2	46
FS HiSOY 38L42	73.8	3.8	2	40
NuTech 7352X	71.7	3.5	1	46
Momentum 38C05	71.6	3.8	4	35
Midland 3938NX	71.5	3.9	2	45
Hoblit 384LL	70.3	3.8	2	42
Hoegemeyer HPT LL3813 N	68.5	3.8	2	42
MFS MO EXP 2283 CSTS	68.4	3.8	3	46
AgVenture 38E8LL	68.3	3.8	1	43
AgVenture 38H4R	67.8	3.8	2	48

Grand Pass — Maturity Group 3 Central Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Midland 3926NRS2	66.1	3.9	2	42
Hoblit 368LL	62.2	3.6	2	51
Mean	76.4		2	44
LSD (10%)	9.6			
CV (%)	9.6			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

CENTRAL REGION

Grand Pass — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
MorSoy 4242 RXT	81.2**	4.2	2	46
Midland 4956NXS	80.9*	4.9	2	56
MorSoy 4426 RXT	80.2*	4.4	2	49
Midland 4677NXS	80.0*	4.6	2	44
AgVenture 41W7X	79.2*	4.1	2	45
MorSoy 4117 RXT	79.2*	4.1	1	42
FS HiSOY 41L42	78.8*	4.1	1	46
MorSoy 4737 RXT	77.8*	4.7	1	50
MorSoy 4777 RXT	75.9*	4.7	3	48
Mycogen 5N431R2	75.9*	4.3	2	48
Mycogen 5N415R2	75.6*	4.1	2	48
FS HiSOY 41X70	75.3*	4.1	1	45
Midland 4328NX	75.3*	4.3	2	48
AgriGold G4440RX	75.1*	4.4	2	49
Beck's 4119X2	74.6*	4.1	1	43
Dyna-Gro S43XS27	74.6*	4.3	2	48
MorSoy 4616 RXT	74.6*	4.6	2	45
NuTech 3427L	74.5*	4.2	3	43
Beck's 434L4	74.1	4.3	3	45
Mycogen 5N433R2	73.8	4.3	3	49
AgriGold G4024RX	73.4	4.0	2	50
AgVenture 41H1LL	73.4	4.1	1	47
AgVenture 45W7R	73.1	4.5	2	48
Willcross WX1441NLL	72.7	4.1	2	56
AgVenture 47W3LL	72.5	4.7	2	47
Mycogen 5N424R2	72.1	4.2	2	43
Willcross WXE3446NS	72.1	4.4	2	49
AgVenture 44Z8RRSTS	71.9	4.4	2	44
Dyna-Gro S46XS87	71.7	4.6	2	45
AgVenture 41B5LL	70.5	4.1	1	46
AgVenture 46M8LL	70.3	4.6	1	50
LG C4227RX	70.2	4.2	2	54
Midland 4373NR2	68.9	4.3	1	47
Hoegemeyer HPT LL4117 N	68.8	4.1	1	49
Power Plus 41B8	68.8	4.1	2	47
Willcross WXE3437N	68.8	4.3	2	46
FS HiSOY 42L70	68.6	4.2	3	41
MorSoy 4327 RXT	67.5	4.3	2	49
AgVenture 47W2X	67.3	4.7	3	43
MorSoy 4667 RXT	65.6	4.6	2	47
Hoblit 418LL	64.0	4.1	2	43

Grand Pass — Maturity Group 4 Central Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
MPV 4238N	63.7	4.2	2	42
MFS MO EXP 84301G	61.3	4.2	2	48
MFS MO EXP 1509	57.5	4.5	2	37
Mean	72.0		2	46
LSD (10%)	6.9			
CV (%)	7.4			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

CENTRAL REGION

Henrietta — Maturity Group 3

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Momentum 38C05	71.6**	3.8	2	43
MorSoy 3747 RXT	71.4*	3.7	2	48
Beck's 394L4	70.9*	3.9	1	43
MorSoy 3726 RXT	68.4*	3.7	1	43
AgriGold G3980RX	68.1*	3.9	2	56
Power Plus 36R8	68.0*	3.6	1	42
MorSoy 3907 RXT	67.9*	3.9	1	42
Hoblit 384LL	67.7*	3.8	1	40
NuTech 7352X	67.2*	3.5	2	44
Hoegemeyer HPT LL3813 N	66.3*	3.8	1	46
MorSoy 3806 RXT	66.3*	3.8	1	44
Power Plus 38K6	66.1*	3.8	1	45
FS HiSOY 37X70	65.9*	3.7	1	44
AgVenture 38H4R	65.6	3.8	2	38
Midland 3938NX	64.9	3.9	1	43
Momentum 39C07	64.8	3.9	1	54
Hoblit 368LL	64.7	3.6	1	48
LG C3985RX	63.9	3.9	1	48
AgriGold G3712RX	63.5	3.7	2	48
AgVenture 38E8LL	63.1	3.8	2	41
LG C3489RX	63.0	3.4	2	46
Power Plus 36A1X	62.4	3.6	1	49
MorSoy 3611 RXT	62.1	3.6	2	45
Mycogen 5N393R2	62.0	3.9	2	42
Midland 3926NRS2	61.9	3.9	1	46
Mycogen 5N387R2	61.5	3.8	2	47
AgVenture 38W5X	61.0	3.8	2	44
MorSoy 3887 RXT	61.0	3.8	1	42
Hoegemeyer HPT 3679 NX	60.7	3.6	2	45
NuTech 3386L	59.9	3.8	1	56
FS HiSOY 38L42	59.0	3.8	1	47
NuTech 3361L	59.0	3.6	2	55
FS HiSOY 39X70	58.5	3.9	2	51
FS HiSOY 35X70	58.1	3.5	2	46
Midland 3537NX	58.1	3.5	1	43
MorSoy 3922 RXT	58.0	3.9	1	43
Dyna-Gro S39XT68	57.8	3.9	1	47
Midland 3983NR2	57.8	3.9	2	39
FS HiSOY 34X60	57.6	3.4	2	43
MFS MO EXP 2283 CSTS	55.8	3.8	3	47
Mycogen 5N361R2	54.9	3.6	2	44

Henrietta — Maturity Group 3 Central Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
FS HiSOY 32X70	53.2	3.2	2	49
MorSoy 3967 RXT	48.2	3.9	2	40
Mean	61.5		2	45
LSD (10%)	5.7			
CV (%)	8.8			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

CENTRAL REGION

Henrietta — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
AgVenture 45W7R	71.5**	4.5	1	41
Mycogen 5N415R2	70.1*	4.1	1	45
FS HiSOY 41X70	69.4*	4.1	1	46
Beck's 4119X2	68.6*	4.1	1	44
LG C4227RX	68.0*	4.2	1	46
MorSoy 4737 RXT	67.4*	4.7	1	39
Midland 4373NR2	66.9*	4.3	2	42
MorSoy 4117 RXT	65.3	4.1	1	45
Midland 4677NXS	64.8	4.6	1	38
Power Plus 41B8	64.8	4.1	2	39
AgVenture 41W7X	64.5	4.1	2	45
AgVenture 44Z8RRSTS	64.5	4.4	1	42
Midland 4956NXS	64.3	4.9	1	40
AgVenture 47W3LL	64.0	4.7	1	40
Willcross WXE3437N	63.6	4.3	1	42
Mycogen 5N431R2	63.0	4.3	1	42
FS HiSOY 42L70	62.8	4.2	1	42
AgriGold G4440RX	62.7	4.4	1	53
MorSoy 4242 RXT	62.3	4.2	1	43
MorSoy 4327 RXT	61.9	4.3	2	49
Willcross WX1441NLL	61.2	4.1	1	48
Beck's 434L4	61.1	4.3	2	48
MorSoy 4777 RXT	61.1	4.7	2	48
MorSoy 4667 RXT	61.0	4.6	1	41
MFS MO EXP 84301G	60.2	4.2	2	43
MorSoy 4426 RXT	60.1	4.4	1	44
AgVenture 47W2X	59.5	4.7	1	41
MFS MO EXP 1509	58.6	4.5	2	40
AgVenture 41H1LL	57.8	4.1	1	47
NuTech 3427L	57.5	4.2	1	44
Dyna-Gro S43XS27	56.7	4.3	1	48
Hoblit 418LL	56.6	4.1	1	44
Hoegemeyer HPT LL4117 N	56.4	4.1	1	55
Dyna-Gro S46XS87	56.2	4.6	1	38
Midland 4328NX	55.7	4.3	1	48
AgVenture 46M8LL	55.2	4.6	1	43
AgriGold G4024RX	54.8	4.0	2	41
MorSoy 4616 RXT	54.5	4.6	1	45
Mycogen 5N433R2	54.4	4.3	2	42
Willcross WXE3446NS	54.4	4.4	1	45
FS HiSOY 41L42	52.2	4.1	1	49

Henrietta — Maturity Group 4 Central Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
AgVenture 41B5LL	51.5	4.1	2	42
MPV 4238N	49.7	4.2	1	41
Mycogen 5N424R2	49.1	4.2	1	40
Mean	59.3		1	44
LSD (10%)	5.4			
CV (%)	8.7			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

CENTRAL REGION

Truxton — Maturity Group 3

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Mycogen 5N387R2	62.1**	3.8	1	40
MorSoy 3611 RXT	61.5*	3.6	1	32
FS HiSOY 37X70	61.2*	3.7	1	36
Beck's 394L4	59.6*	3.9	1	36
Hoblit 368LL	59.0*	3.6	1	34
AgVenture 38H4R	58.5*	3.8	1	35
LG C3985RX	57.9*	3.9	1	38
MorSoy 3747 RXT	57.5*	3.7	1	34
FS HiSOY 38L42	57.4*	3.8	1	36
Midland 3926NRS2	57.3*	3.9	1	35
Power Plus 38K6	57.2*	3.8	1	34
MorSoy 3806 RXT	56.8*	3.8	1	38
FS HiSOY 32X70	56.2*	3.2	1	37
Midland 3537NX	56.1*	3.5	1	34
Midland 3983NR2	55.3	3.9	1	36
LG C3489RX	55.1	3.4	1	37
MorSoy 3907 RXT	54.2	3.9	1	34
Momentum 38C05	53.8	3.8	1	36
AgriGold G3712RX	53.4	3.7	1	35
MorSoy 3887 RXT	52.4	3.8	1	32
AgVenture 38E8LL	52.3	3.8	1	35
MorSoy 3922 RXT	50.4	3.9	1	35
Dyna-Gro S39XT68	49.8	3.9	1	35
NuTech 3361L	49.4	3.6	1	36
Hoegemeyer HPT 3679 NX	49.1	3.6	1	39
Midland 3938NX	49.1	3.9	1	32
Hoegemeyer HPT LL3813 N	48.9	3.8	1	34
MorSoy 3726 RXT	48.9	3.7	1	32
Mycogen 5N393R2	48.4	3.9	1	36
FS HiSOY 35X70	47.7	3.5	1	30
MorSoy 3967 RXT	46.8	3.9	1	32
AgriGold G3980RX	46.7	3.9	1	34
FS HiSOY 34X60	46.1	3.4	1	34
NuTech 7352X	45.5	3.5	1	30
NuTech 3386L	45.0	3.8	1	34
Hoblit 384LL	44.6	3.8	1	40
Power Plus 36R8	44.3	3.6	1	28
Momentum 39C07	44.1	3.9	1	33
Power Plus 36A1X	43.1	3.6	1	32
FS HiSOY 39X70	42.7	3.9	1	37
AgVenture 38W5X	39.2	3.8	1	32

Truxton — Maturity Group 3 Central Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
MFS MO EXP 2283 CSTS	37.5	3.8	1	36
Mycogen 5N361R2	36.5	3.6	1	30
Mean	50.7		1	35
LSD (10%)	6.4			
CV (%)	11.9			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

CENTRAL REGION

Truxton — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
MorSoy 4242 RXT	60.4**	4.2	1	40
Willcross WXE3437N	59.9*	4.3	1	43
AgVenture 47W3LL	59.2*	4.7	1	46
MorSoy 4777 RXT	58.8*	4.7	1	45
MorSoy 4426 RXT	58.6*	4.4	1	39
AgriGold G4440RX	58.1*	4.4	1	45
Dyna-Gro S46XS87	57.9*	4.6	1	48
Midland 4373NR2	57.9*	4.3	1	36
Beck's 4119X2	57.1*	4.1	1	42
AgVenture 41H1LL	56.8*	4.1	1	41
Willcross WXE3446NS	56.7*	4.4	2	40
Beck's 434L4	56.6*	4.3	1	38
FS HiSOY 41X70	56.4*	4.1	1	44
Midland 4956NXS	56.4*	4.9	1	44
AgVenture 44Z8RRSTS	55.7*	4.4	1	38
MorSoy 4667 RXT	55.7*	4.6	1	44
AgVenture 47W2X	55.6*	4.7	1	42
MorSoy 4737 RXT	55.0	4.7	1	42
AgVenture 41B5LL	54.9	4.1	2	36
Dyna-Gro S43XS27	54.9	4.3	1	38
MorSoy 4117 RXT	54.9	4.1	1	38
FS HiSOY 41L42	54.6	4.1	1	34
FS HiSOY 42L70	54.5	4.2	1	46
MorSoy 4327 RXT	54.2	4.3	1	36
Mycogen 5N431R2	54.1	4.3	1	34
Mycogen 5N433R2	54.0	4.3	1	46
Mycogen 5N415R2	53.9	4.1	1	38
Hoblit 418LL	53.4	4.1	1	37
LG C4227RX	53.3	4.2	1	40
Midland 4328NX	53.0	4.3	1	43
Midland 4677NXS	53.0	4.6	1	44
Mycogen 5N424R2	52.8	4.2	1	38
Hoegemeyer HPT LL4117 N	52.7	4.1	1	40
AgVenture 46M8LL	52.4	4.6	1	39
NuTech 3427L	51.9	4.2	1	39
AgVenture 45W7R	51.8	4.5	1	34
AgriGold G4024RX	51.6	4.0	1	41
Willcross WX1441NLL	51.6	4.1	1	32
AgVenture 41W7X	51.2	4.1	3	38
MFS MO EXP 1509	50.5	4.5	1	32
MorSoy 4616 RXT	47.9	4.6	1	46

Truxton — Maturity Group 4 Central Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Power Plus 41B8	47.7	4.1	1	48
MPV 4238N	47.0	4.2	1	40
MFS MO EXP 84301G	44.9	4.2	4	46
Mean	53.9		1	40
LSD (10%)	5.2			
CV (%)	9.2			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

CENTRAL REGION

SUMMARY — MATURITY GROUP 3

Brand-Variety	Annada (bu/ac)	Columbia (bu/ac)	Grand Pass (bu/ac)	Henrietta (bu/ac)	Truxton (bu/ac)	Mean (bu/ac)
MorSoy 3907 RXT	74.7	56.6*	83.5*	67.9	54.2	67.4**
FS HiSOY 37X70	72.1	52.1*	81.4*	65.9	61.2*	66.5*
MorSoy 3747 RXT	72.0	53.6*	76.0*	71.4	57.5*	66.1*
Power Plus 38K6	78.1*	48.1	80.7*	66.1	57.2*	66.0*
LG C3985RX	75.7	57.2**	75.2	63.9	57.9*	66.0*
Mycogen 5N387R2	73.1	52.4*	79.0*	61.5	62.1**	65.6*
MorSoy 3611 RXT	76.3	48.7	77.9*	62.1	61.5*	65.3*
MorSoy 3806 RXT	74.4	50.9	77.6*	66.3	56.8*	65.2*
Beck's 394L4	67.5	47.0	78.2*	70.9	59.6*	64.6*
LG C3489RX	65.6	51.3	85.3**	63.0	55.1	64.1*
Midland 3983NR2	83.6**	41.3	80.6*	57.8	55.3	63.7*
Midland 3537NX	70.6	50.5	82.7*	58.1	56.1*	63.6
AgriGold G3712RX	72.9	49.2	78.2*	63.5	53.4	63.4
Midland 3938NX	75.9	54.6*	71.5	64.9	49.1	63.2
Momentum 38C05	67.0	49.5	71.6	71.6	53.8	62.7
MorSoy 3887 RXT	69.9	51.2	79.0*	61.0	52.4	62.7
AgriGold G3980RX	66.2	52.7*	79.8*	68.1	46.7	62.7
Momentum 39C07	72.8	55.8*	75.5	64.8	44.1	62.6
FS HiSOY 32X70	64.8	53.7*	83.3*	53.2	56.2*	62.2
Dyna-Gro S39XT68	64.9	54.8*	82.9*	57.8	49.8	62.0
AgVenture 38E8LL	73.9	51.0	68.3	63.1	52.3	61.7
AgVenture 38H4R	72.3	44.2	67.8	65.6	58.5*	61.7
Power Plus 36R8	73.8	44.9	77.3*	68.0	44.3	61.7
Midland 3926NRS2	71.0	50.9	66.1	61.9	57.3*	61.4
MorSoy 3726 RXT	68.7	45.0	76.0*	68.4	48.9	61.4
Hoblit 368LL	71.2	48.3	62.2	64.7	59.0*	61.1
MorSoy 3922 RXT	69.7	51.5	74.3	58.0	50.4	60.8
FS HiSOY 39X70	76.6	47.8	77.6*	58.5	42.7	60.6
Hoegemeyer HPT LL3813 N	68.6	49.5	68.5	66.3	48.9	60.4
NuTech 3361L	65.8	46.4	81.2*	59.0	49.4	60.4
Power Plus 36A1X	71.9	46.1	77.2*	62.4	43.1	60.1
AgVenture 38W5X	73.0	49.2	78.1*	61.0	39.2	60.1
FS HiSOY 38L42	64.4	45.8	73.8	59.0	57.4*	60.1
Mycogen 5N393R2	67.2	43.8	78.8*	62.0	48.4	60.0
Hoegemeyer HPT 3679 NX	64.4	41.9	83.9*	60.7	49.1	60.0
NuTech 3386L	67.5	48.7	76.9*	59.9	45.0	59.6
Hoblit 384LL	66.9	47.6	70.3	67.7	44.6	59.4
MorSoy 3967 RXT	70.7	47.7	79.6*	48.2	46.8	58.6
NuTech 7352X	59.7	48.2	71.7	67.2	45.5	58.5
FS HiSOY 34X60	61.5	45.8	80.7*	57.6	46.1	58.3

Summary — Maturity Group 3 Central Region (continued)

Brand-Variety	Annada (bu/ac)	Columbia (bu/ac)	Grand Pass (bu/ac)	Henrietta (bu/ac)	Truxton (bu/ac)	Mean (bu/ac)
FS HiSOY 35X70	61.1	44.3	73.9	58.1	47.7	57.0
Mycogen 5N361R2	69.1	45.9	78.2*	54.9	36.5	56.9
MFS MO EXP 2283 CSTS	65.9	45.7	68.4	55.8	37.5	54.7
Mean	69.1	49.0	76.4	61.5	50.7	61.1
LSD (10%)	5.7	5.2	9.6	5.7	6.4	3.7
CV (%)	7.8	8.2	9.6	8.8	11.9	9.2

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

CENTRAL REGION

SUMMARY — MATURITY GROUP 4

Brand-Variety	Annada (bu/ac)	Columbia (bu/ac)	Grand Pass (bu/ac)	Henrietta (bu/ac)	Truxton (bu/ac)	Mean (bu/ac)
Mycogen 5N415R2	73.9*	56.8*	75.6*	70.1*	53.9	66.1**
MorSoy 4426 RXT	75.3*	55.9*	80.2*	60.1	58.6*	66.0*
Midland 4956NXS	71.4	54.6*	80.9*	64.3	56.4*	65.5*
Midland 4677NXS	74.6*	52.8*	80.0*	64.8	53.0	65.0*
FS HiSOY 41X70	69.1	53.4*	75.3*	69.4*	56.4*	64.7*
AgriGold G4440RX	73.0*	53.6*	75.1*	62.7	58.1*	64.5*
MorSoy 4242 RXT	69.9	48.0	81.2**	62.3	60.4**	64.4*
MorSoy 4117 RXT	67.9	54.5*	79.2*	65.3	54.9	64.4*
Mycogen 5N431R2	71.2	56.7*	75.9*	63.0	54.1	64.2*
MorSoy 4737 RXT	70.4	47.4	77.8*	67.4*	55.0	63.6*
Beck's 4119X2	64.1	53.2*	74.6*	68.6*	57.1*	63.5*
LG C4227RX	67.6	58.2**	70.2	68.0*	53.3	63.5*
MorSoy 4777 RXT	71.6	49.1	75.9*	61.1	58.8*	63.3*
AgVenture 47W3LL	66.2	52.9*	72.5	64.0	59.2*	63.0*
AgVenture 45W7R	66.0	52.4*	73.1	71.5**	51.8	63.0*
Willcross WXE3446NS	77.8**	53.7*	72.1	54.4	56.7*	62.9*
AgVenture 44Z8RRSTS	68.5	52.4*	71.9	64.5	55.7*	62.6
Willcross WXE3437N	69.7	50.4	68.8	63.6	59.9*	62.5
AgVenture 41W7X	63.2	54.1*	79.2*	64.5	51.2	62.4
Beck's 434L4	67.5	52.4*	74.1	61.1	56.6*	62.3
Midland 4373NR2	65.4	52.2	68.9	66.9*	57.9*	62.3
Dyna-Gro S43XS27	70.7	53.4*	74.6*	56.7	54.9	62.1
FS HiSOY 42L70	67.0	53.2*	68.6	62.8	54.5	61.2
MorSoy 4667 RXT	69.2	54.0*	65.6	61.0	55.7*	61.1
FS HiSOY 41L42	71.1	48.2	78.8*	52.2	54.6	61.0
Midland 4328NX	68.3	51.1	75.3*	55.7	53.0	60.7
AgVenture 41HILL	63.3	51.9	73.4	57.8	56.8*	60.6
Willcross WX1441NLL	62.9	54.0*	72.7	61.2	51.6	60.5
MorSoy 4616 RXT	71.5	51.8	74.6*	54.5	47.9	60.1
AgVenture 41B5LL	69.7	50.8	70.5	51.5	54.9	59.5
Mycogen 5N433R2	67.8	47.1	73.8	54.4	54.0	59.4
AgriGold G4024RX	68.4	48.0	73.4	54.8	51.6	59.2
MorSoy 4327 RXT	62.5	49.5	67.5	61.9	54.2	59.1
Dyna-Gro S46XS87	64.1	45.1	71.7	56.2	57.9*	59.0
Power Plus 41B8	66.1	47.5	68.8	64.8	47.7	59.0
Hoegemeyer HPT LL4117 N	58.7	53.3*	68.8	56.4	52.7	58.0
AgVenture 46M8LL	59.3	49.7	70.3	55.2	52.4	57.4
Mycogen 5N424R2	61.6	50.7	72.1	49.1	52.8	57.3
AgVenture 47W2X	61.1	42.6	67.3	59.5	55.6*	57.2
NuTech 3427L	56.6	45.5	74.5*	57.5	51.9	57.2

Summary — Maturity Group 4 Central Region (continued)

Brand-Variety	Annada (bu/ac)	Columbia (bu/ac)	Grand Pass (bu/ac)	Henrietta (bu/ac)	Truxton (bu/ac)	Mean (bu/ac)
Hoblit 418LL	59.8	50.4	64.0	56.6	53.4	56.8
MFS MO EXP 1509	64.7	50.0	57.5	58.6	50.5	56.3
MFS MO EXP 84301G	53.6	46.9	61.3	60.2	44.9	53.4
MPV 4238N	56.8	45.4	63.7	49.7	47.0	52.5
Mean	65.7	50.9	72.0	59.3	53.9	60.2
LSD (10%)	5.7	5.8	6.9	5.4	5.2	3.3
CV (%)	8.2	8.8	7.4	8.7	9.2	8.2

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

SOUTHWEST REGION — CROP MANAGEMENT SUMMARY

Characteristics of Soybean Test Locations — Southwest Region

Location	Soil type	Soil test				Precipitation					
		pH	OM	P	K	May	June	July	Aug.	Sept.	Season
Adrian	Kenoma silt loam	6.5	2.5	187	329	5.5"	5.4"	11.1"	9.0"	2.0"	33.0"
Garden City	Haig silt loam	5.8	2.6	19	198	4.8"	5.4"	8.2"	12.7"	3.2"	34.3"
Lamar	Parsons silt loam	5.9	2.2	57	185	8.5"	4.7"	3.8"	11.3"	3.2"	31.5"
Urich	Hartwell silt loam	5.2	2.6	15	169	6.1"	4.9"	7.9"	9.6"	2.0"	30.5"

Crop Management Practices at Soybean Test Locations — Southwest Region

Location	Dates		Fertilizer				Herbicides	
	Planting	Harvest	N	P ₂ O ₅	K ₂ O	Tillage	Pre	Post
Adrian	June 8	Nov. 20	0	0	0	No-till	Authority XL	Ultra Blazer, Select
Garden City	June 9	Nov. 13	0	0	0	Conv.	Dual II Magnum, Sonic	Ultra Blazer, Select Max
Lamar	June 7	Nov. 17	0	0	0	Min.	Dual II Magnum, Sonic	Ultra Blazer, Select Max
Urich	June 13	Nov. 10	0	0	0	Conv.	Dual II Magnum, Sonic, Metribuzin	None

Notes:

Exposure to the herbicide dicamba was reported in soybean fields in many areas of Missouri. Not all of the varieties entered into the MU Variety Testing Program are resistant to dicamba. We visited all of our locations and rated the plants for foliar symptoms. In addition, we carefully studied variety rankings across locations within a region. Locations in the Southwest Region exhibited light to no foliar symptoms. Variety rankings across the five locations were consistent with no yield effects from dicamba.

SOUTHWEST REGION

Adrian — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
AgriGold G4835RX	64.4**	4.8	1	36
Midland 4956NXS	64.1*	4.9	2	39
LG C4922RX	63.5*	4.9	1	36
Beck's 494L4	61.8*	4.9	2	35
AgriGold G4440RX	61.3*	4.4	2	36
Willcross WXE3497NS	60.2*	4.9	2	40
MO4901D GT	60.0*	4.9	4	37
Willcross WXE3487NS	59.1*	4.8	1	33
MorSoy 4857 RXT	58.8	4.8	1	35
Willcross WX1748NLL	58.7	4.9	2	35
MorSoy 4737 RXT	58.4	4.7	2	39
Momentum 49G06	58.1	4.9	4	43
MFS MO EXP 3472C	57.5	4.1	2	36
LG C4710RX	57.4	4.7	3	42
Mycogen 5N479R2	57.2	4.7	2	37
MO4801D C/STS	57.1	4.8	2	36
Dyna-Gro S43XS27	56.9	4.3	2	35
MFS MO EXP 1583	56.3	4.3	2	32
Mycogen 5N480R2	56.3	4.8	3	37
MorSoy 4426 RXT	55.8	4.4	3	37
Willcross WXX3466NS	55.8	4.6	3	38
MFS MO EXP 1509	55.7	4.5	2	30
Bayer HBK LL 4953	55.1	4.9	2	35
MorSoy 4667 RXT	55.0	4.6	3	36
LG C4845RX	54.7	4.8	1	34
MorSoy 4706 RXT	54.7	4.7	2	37
Midland 4677NXS	54.4	4.6	3	40
Beck's 4991X2	53.9	4.9	1	34
Bayer CZ 4044 LL	53.6	4.0	2	31
MorSoy 4997 RXT	52.6	4.9	2	43
Dyna-Gro S46XS87	51.8	4.6	3	40
MFS MO EXP 09501	51.2	4.3	2	32
AgriGold G4024RX	51.0	4.0	2	36
Bayer CZ 4222 LL	50.9	4.2	2	34
MorSoy 4777 RXT	50.6	4.7	3	38
Dyna-Gro S49XS88	50.4	4.9	2	42
MorSoy 4327 RXT	49.2	4.3	2	36
Willcross WX1445NLL	48.9	4.5	2	33
MFS MO EXP 1936	48.8	4.7	3	38
MorSoy 4535 RXT	48.5	4.5	3	34
Bayer CZ 4748 LL	48.0	4.7	2	36
MorSoy 4616 RXT	48.0	4.6	3	36

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Mycogen 5N451R2	47.0	4.5	2	36
MFS MO EXP 64151	46.6	4.7	2	29
Beck's 456L4	46.5	4.5	2	38
MorSoy 4846 RXT	46.1	4.8	1	34
MFS MO EXP 5081	43.0	4.8	4	35
Bayer CZ 4540 LL	41.3	4.5	3	40
Mean	53.9		2	36
LSD (10%)	5.4			
CV (%)	9.4			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

SOUTHWEST REGION

Adrian — Maturity Group 5

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Mycogen 5N523R2	64.8**	5.2	2	37
AgriGold G5000RX	61.5*	5.0	2	39
Momentum 51G06	59.7	5.1	4	42
Bayer CZ 5147 LL	57.5	5.1	3	36
Bayer CZ 5150 LL	51.7	5.1	2	36
Mean	59.0		3	38
LSD (10%)	3.5			
CV (%)	6.1			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

SOUTHWEST REGION

Garden City — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Willcross WXE3487NS	68.2**	4.8	3	37
Mycogen 5N480R2	67.7*	4.8	3	45
Beck's 494L4	66.0*	4.9	2	42
Dyna-Gro S46XS87	65.4*	4.6	3	49
MorSoy 4426 RXT	65.3*	4.4	3	39
LG C4922RX	64.9*	4.9	2	38
Willcross WXX3466NS	64.6*	4.6	3	36
Mycogen 5N479R2	64.4*	4.7	3	42
MorSoy 4857 RXT	63.6*	4.8	3	42
Dyna-Gro S49XS88	63.4*	4.9	3	48
AgriGold G4440RX	62.1	4.4	3	39
Midland 4956NXS	61.8	4.9	2	43
AgriGold G4835RX	61.4	4.8	2	40
Midland 4677NXS	61.2	4.6	3	46
MorSoy 4997 RXT	60.8	4.9	3	48
LG C4845RX	60.4	4.8	2	37
MorSoy 4777 RXT	60.1	4.7	4	43
MorSoy 4706 RXT	59.9	4.7	3	47
Dyna-Gro S43XS27	59.6	4.3	3	42
Bayer CZ 4748 LL	59.1	4.7	2	36
MorSoy 4616 RXT	58.6	4.6	3	43
MorSoy 4737 RXT	58.6	4.7	2	42
MorSoy 4667 RXT	58.5	4.6	3	42
Beck's 4991X2	58.2	4.9	2	37
MorSoy 4327 RXT	58.1	4.3	3	37
MorSoy 4846 RXT	57.9	4.8	2	37
Willcross WXE3497NS	56.1	4.9	2	43
Willcross WX1748NLL	55.7	4.9	3	37
LG C4710RX	55.4	4.7	3	48
Willcross WX1445NLL	54.5	4.5	2	36
MFS MO EXP 3472C	54.4	4.1	4	39
Momentum 49G06	54.0	4.9	3	42
Mycogen 5N451R2	53.7	4.5	4	38
MO4901D GT	53.6	4.9	3	42
MorSoy 4535 RXT	53.0	4.5	3	41
AgriGold G4024RX	52.6	4.0	3	38
Beck's 456L4	52.2	4.5	3	38
MO4801D C/STS	51.6	4.8	2	43
Bayer CZ 4222 LL	50.8	4.2	3	34
Bayer HBK LL 4953	50.4	4.9	2	37
MFS MO EXP 5081	50.3	4.8	3	39
Bayer CZ 4540 LL	48.9	4.5	4	41

Garden City — Maturity Group 4 Southwest Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Bayer CZ 4044 LL	48.8	4.0	3	36
MFS MO EXP 64151	48.8	4.7	2	37
MFS MO EXP 1583	46.4	4.3	3	33
MFS MO EXP 1936	46.2	4.7	3	43
MFS MO EXP 1509	43.3	4.5	2	40
MFS MO EXP 09501	42.6	4.3	2	37
Mean	55.6		3	40
LSD (10%)	5.0			
CV (%)	8.5			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

SOUTHWEST REGION

Garden City — Maturity Group 5

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Mycogen 5N523R2	59.9**	5.2	3	42
AgriGold G5000RX	59.8*	5.0	3	46
Bayer CZ 5147 LL	55.8*	5.1	2	40
Bayer CZ 5150 LL	53.2	5.1	2	38
Momentum 51G06	51.0	5.1	4	46
Mean	55.9		3	42
LSD (10%)	4.5			
CV (%)	8.4			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

SOUTHWEST REGION

Lamar — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Bayer CZ 4748 LL	55.7**	4.7	2	34
MO4901D GT	55.0*	4.9	2	39
Momentum 49G06	54.3*	4.9	2	42
LG C4922RX	53.8*	4.9	1	35
Dyna-Gro S46XS87	53.7*	4.6	1	41
MorSoy 4846 RXT	53.1*	4.8	1	35
Willcross WXE3497NS	51.6*	4.9	5	37
Midland 4677NXS	50.3	4.6	1	39
LG C4845RX	49.7	4.8	1	34
MorSoy 4706 RXT	49.4	4.7	2	39
MorSoy 4737 RXT	49.1	4.7	2	36
AgriGold G4835RX	47.8	4.8	1	33
MO4801D C/STS	47.5	4.8	2	35
Mycogen 5N479R2	47.5	4.7	2	41
Willcross WXX3466NS	46.7	4.6	1	38
Beck's 494L4	46.5	4.9	2	30
MorSoy 4426 RXT	46.3	4.4	3	36
Mycogen 5N480R2	45.9	4.8	3	37
AgriGold G4440RX	45.7	4.4	2	32
MFS MO EXP 5081	45.5	4.8	2	37
Willcross WX1748NLL	45.5	4.9	2	33
Dyna-Gro S49XS88	45.3	4.9	1	37
MorSoy 4857 RXT	45.3	4.8	2	5
MorSoy 4777 RXT	44.9	4.7	3	37
Mycogen 5N451R2	44.8	4.5	2	36
MorSoy 4667 RXT	44.4	4.6	2	36
Bayer CZ 4044 LL	43.9	4.0	1	29
MorSoy 4327 RXT	43.9	4.3	2	33
Midland 4956NXS	43.2	4.9	1	32
MorSoy 4616 RXT	43.0	4.6	3	35
Willcross WXE3487NS	43.0	4.8	2	32
AgriGold G4024RX	42.1	4.0	1	27
MFS MO EXP 09501	41.6	4.3	1	32
MFS MO EXP 1936	41.5	4.7	2	38
MorSoy 4535 RXT	41.4	4.5	1	35
Dyna-Gro S43XS27	40.9	4.3	2	31
LG C4710RX	40.7	4.7	3	33
Willcross WX1445NLL	40.5	4.5	2	30
MFS MO EXP 64151	40.4	4.7	1	32
Beck's 4991X2	39.5	4.9	1	30
MFS MO EXP 1509	39.3	4.5	2	30
MorSoy 4997 RXT	39.1	4.9	1	38

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Bayer CZ 4540 LL	38.8	4.5	3	38
MFS MO EXP 1583	38.0	4.3	2	30
Bayer HBK LL 4953	35.6	4.9	1	30
Beck's 456L4	34.6	4.5	1	31
MFS MO EXP 3472C	34.6	4.1	2	30
Bayer CZ 4222 LL	30.5	4.2	1	25
Mean	44.5		2	33
LSD (10%)	4.5			
CV (%)	9.6			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

SOUTHWEST REGION

Lamar — Maturity Group 5

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Mycogen 5N523R2	52.8**	5.2	1	35
AgriGold G5000RX	47.4	5.0	1	36
Momentum 51G06	45.9	5.1	3	36
Bayer CZ 5147 LL	40.4	5.1	1	35
Bayer CZ 5150 LL	40.2	5.1	1	28
Mean	45.3		1	34
LSD (10%)	3.0			
CV (%)	7.0			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

SOUTHWEST REGION

Urich — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Midland 4677NXS	77.1**	4.6	2	42
Midland 4956NXS	75.6*	4.9	2	43
Dyna-Gro S43XS27	74.8*	4.3	1	39
MorSoy 4846 RXT	74.1*	4.8	1	37
Willcross WXE3487NS	73.7*	4.8	1	37
Beck's 494L4	73.4*	4.9	1	38
MorSoy 4426 RXT	73.3*	4.4	2	40
MorSoy 4706 RXT	73.1*	4.7	2	43
Willcross WXX3466NS	72.6*	4.6	2	40
AgriGold G4440RX	72.5*	4.4	2	37
MorSoy 4667 RXT	72.5*	4.6	3	39
Mycogen 5N479R2	72.2*	4.7	1	44
Willcross WXE3497NS	71.9	4.9	2	42
MorSoy 4857 RXT	71.4	4.8	1	38
Mycogen 5N480R2	71.3	4.8	2	42
Dyna-Gro S49XS88	71.1	4.9	3	46
AgriGold G4024RX	70.9	4.0	1	39
AgriGold G4835RX	70.4	4.8	1	41
MorSoy 4777 RXT	70.4	4.7	3	40
Dyna-Gro S46XS87	69.6	4.6	2	43
Willcross WX1748NLL	69.5	4.9	1	37
MFS MO EXP 3472C	69.4	4.1	1	40
MorSoy 4737 RXT	68.7	4.7	2	43
MorSoy 4535 RXT	68.1	4.5	2	46
MorSoy 4997 RXT	67.2	4.9	3	44
Beck's 456L4	66.8	4.5	1	40
LG C4845RX	65.9	4.8	1	37
Willcross WX1445NLL	65.9	4.5	1	38
MorSoy 4616 RXT	65.5	4.6	3	42
LG C4710RX	65.3	4.7	3	39
Mycogen 5N451R2	65.1	4.5	2	39
MorSoy 4327 RXT	64.6	4.3	2	41
Bayer HBK LL 4953	63.9	4.9	3	40
LG C4922RX	63.4	4.9	1	38
MFS MO EXP 1583	63.3	4.3	2	33
Bayer CZ 4222 LL	62.9	4.2	3	33
Beck's 4991X2	62.8	4.9	1	36
Bayer CZ 4044 LL	62.3	4.0	1	36
Bayer CZ 4748 LL	61.9	4.7	1	37
MFS MO EXP 1509	60.4	4.5	2	36
MO4801D C/STS	59.3	4.8	2	39

Urich — Maturity Group 4 Southwest Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
MFS MO EXP 09501	58.1	4.3	2	34
MO4901D GT	56.6	4.9	4	40
Bayer CZ 4540 LL	56.5	4.5	3	44
MFS MO EXP 64151	56.4	4.7	2	35
Momentum 49G06	56.2	4.9	4	47
MFS MO EXP 1936	48.5	4.7	4	39
MFS MO EXP 5081	46.4	4.8	5	37
Mean	66.1		2	39
LSD (10%)	4.9			
CV (%)	7.0			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

SOUTHWEST REGION

Urich — Maturity Group 5

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
AgriGold G5000RX	69.4**	5.0	1	40
Bayer CZ 5150 LL	68.5*	5.1	1	41
Mycogen 5N523R2	67.9*	5.2	2	41
Bayer CZ 5147 LL	59.8	5.1	4	33
Momentum 51G06	52.1	5.1	4	36
Mean	63.7		2	35
LSD (10%)	4.3			
CV (%)	7.3			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

SOUTHWEST REGION

SUMMARY — MATURITY GROUP 4

Brand-Variety	Adrian (bu/ac)	Garden City (bu/ac)	Lamar (bu/ac)	Urlich (bu/ac)	Mean (bu/ac)
Beck's 494L4	61.8*	66.0*	46.5	73.4*	61.9**
LG C4922RX	63.5*	64.9*	53.8*	63.4	61.4*
Midland 4956NXS	64.1*	61.8	43.2	75.6*	61.2*
AgriGold G4835RX	64.4**	61.4	47.8	70.4	61.0*
Willcross WXE3487NS	59.1*	68.2**	43.0	73.7*	61.0*
Midland 4677NXS	54.4	61.2	50.3	77.1**	60.8*
AgriGold G4440RX	61.3*	62.1	45.7	72.5*	60.4*
Mycogen 5N479R2	57.2	64.4*	47.5	72.2*	60.3*
Mycogen 5N480R2	56.3	67.7*	45.9	71.3	60.3*
MorSoy 4426 RXT	55.8	65.3*	46.3	73.3*	60.2*
Dyna-Gro S46XS87	51.8	65.4*	53.7*	69.6	60.1*
Willcross WXE3497NS	60.2*	56.1	51.6*	71.9	60.0*
Willcross WXX3466NS	55.8	64.6*	46.7	72.6*	59.9*
MorSoy 4857 RXT	58.8	63.6*	45.3	71.4	59.8*
MorSoy 4706 RXT	54.7	59.9	49.4	73.1*	59.3*
MorSoy 4737 RXT	58.4	58.6	49.1	68.7	58.7
Dyna-Gro S43XS27	56.9	59.6	40.9	74.8*	58.1
MorSoy 4846 RXT	46.1	57.9	53.1*	74.1*	57.8
LG C4845RX	54.7	60.4	49.7	65.9	57.7
MorSoy 4667 RXT	55.0	58.5	44.4	72.5*	57.6
Dyna-Gro S49XS88	50.4	63.4*	45.3	71.1	57.6
Willcross WX1748NLL	58.7	55.7	45.5	69.5	57.4
MorSoy 4777 RXT	50.6	60.1	44.9	70.4	56.5
MO4901D GT	60.0*	53.6	55.0*	56.6	56.3
Bayer CZ 4748 LL	48.0	59.1	55.7**	61.9	56.2
Momentum 49G06	58.1	54.0	54.3*	56.2	55.7
MorSoy 4997 RXT	52.6	60.8	39.1	67.2	54.9
LG C4710RX	57.4	55.4	40.7	65.3	54.7
AgriGold G4024RX	51.0	52.6	42.1	70.9	54.2
MFS MO EXP 3472C	57.5	54.4	34.6	69.4	54.0
MorSoy 4327 RXT	49.2	58.1	43.9	64.6	54.0
MO4801D C/STS	57.1	51.6	47.5	59.3	53.9
MorSoy 4616 RXT	48.0	58.6	43.0	65.5	53.8
Beck's 4991X2	53.9	58.2	39.5	62.8	53.6
MorSoy 4535 RXT	48.5	53.0	41.4	68.1	52.8
Mycogen 5N451R2	47.0	53.7	44.8	65.1	52.7
Willcross WX1445NLL	48.9	54.5	40.5	65.9	52.5
Bayer CZ 4044 LL	53.6	48.8	43.9	62.3	52.2
Bayer HBK LL 4953	55.1	50.4	35.6	63.9	51.3
MFS MO EXP 1583	56.3	46.4	38.0	63.3	51.0
Beck's 456L4	46.5	52.2	34.6	66.8	50.0

Brand-Variety	Adrian (bu/ac)	Garden City (bu/ac)	Lamar (bu/ac)	Urich (bu/ac)	Mean (bu/ac)
MFS MO EXP 1509	55.7	43.3	39.3	60.4	49.7
Bayer CZ 4222 LL	50.9	50.8	30.5	62.9	48.8
MFS MO EXP 09501	51.2	42.6	41.6	58.1	48.4
MFS MO EXP 64151	46.6	48.8	40.4	56.4	48.1
Bayer CZ 4540 LL	41.3	48.9	38.8	56.5	46.4
MFS MO EXP 5081	43.0	50.3	45.5	46.4	46.3
MFS MO EXP 1936	48.8	46.2	41.5	48.5	46.3
Mean	53.9	55.6	44.5	66.1	54.5
LSD (10%)	5.4	5.0	4.5	4.9	3.1
CV (%)	9.4	8.5	9.6	7.0	8.4

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

SOUTHWEST REGION

SUMMARY — MATURITY GROUP 5

Brand-Variety	Adrian (bu/ac)	Garden City (bu/ac)	Lamar (bu/ac)	Urich (bu/ac)	Mean (bu/ac)
Mycogen 5N523R2	64.8**	59.9**	52.8**	67.9*	61.4**
AgriGold G5000RX	61.5*	59.8*	47.4	69.4**	59.5*
Bayer CZ 5150 LL	51.7	53.2	40.2	68.5*	53.4
Bayer CZ 5147 LL	57.5	55.8*	40.4	59.8	53.4
Momentum 51G06	59.7	51.0	45.9	52.1	52.2
Mean	59.0	55.9	45.3	63.7	56.0
LSD (10%)	3.5	4.5	3.0	4.3	2.4
CV (%)	6.1	8.4	7.0	7.3	7.3

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

SOUTHEAST REGION — CROP MANAGEMENT SUMMARY

Characteristics of Soybean Test Locations — Southeast Region

Location	Soil type	Soil test				Precipitation						
		pH	OM	P	K	May	June	July	Aug.	Sept.	Season	Irrigate
Chaffee	Commerce silt loam	6.3	2.1	80	235	5.9"	5.5"	3.6"	2.4"	0.5"	17.9"	0"
Charleston	Dundee silt loam	7.1	2.9	86	326						Abandoned	
Morehouse	Sharkey clay	6.0	2.6	38	270	7.4"	2.1"	4.6"	2.7"	0.5"	17.3"	4.0"
New Madrid	Bosket sandy loam	6.0	2.5	47	273	4.5"	3.8"	2.6"	4.1"	0.4"	15.4"	4.0"
Portageville	Tiptonville silt loam	6.7	1.7	77	302	5.5"	4.3"	3.7"	5.1"	0.4"	19.0"	3.0"

Crop Management Practices at Soybean Test Locations — Southeast Region

Location	Dates		Fertilizer			Tillage	Herbicides	
	Planting	Harvest	N	P ₂ O ₅	K ₂ O		Pre	Post
Chaffee	June 8	Nov. 20	0	0	0	Conv.	Prowl, Metribuzin	Cobra, Select Max
Charleston	June 13		Abandoned			Conv.	Dual II Magnum, Sonic, Liberty	Cobra, Select Max
Morehouse	June 9	Nov. 14	0	0	0	Conv.	Dual II Magnum, Sonic, Roundup	Ultra Blazer, Select Max
New Madrid	June 10	Nov. 27	0	0	0	Conv.	Dual II Magnum, Sonic, Roundup	Ultra Blazer, Select Max
Portageville	June 12	Nov. 27	0	0	0	Conv.	Dual II Magnum, Sonic, Roundup, Liberty	Ultra Blazer, Select Max

Notes:

Exposure to the herbicide dicamba was reported in soybean fields in many areas of Missouri. Not all of the varieties entered into the MU Variety Testing Program are resistant to dicamba. We visited all of our locations and rated the plants for foliar symptoms. In addition, we carefully studied variety rankings across locations within a region. Two locations in the Southeast Region, Chaffee and New Madrid, exhibited light to no foliar symptoms. Variety rankings across the two locations were consistent with no yield effects from dicamba.

At one location, Portageville, foliar symptoms were moderate. We compared variety rankings of Portageville with those of Chaffee and New Madrid. We detected no effect from the exposure to dicamba on variety rankings for yield. We posted the Portageville data and two sets of Region Means information. In the first column of region means we used only Chaffee and New Madrid locations. In the second column of Region Means, we presented means across all three locations including Portageville.

We could not use the yield data from Charleston and Morehouse.

SOUTHEAST REGION

Chaffee — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Midland 4677NXS	61.2**	4.6	1	46
Midland 4956NXS	60.7*	4.9	1	47
Terral REV 45L57	58.9*	4.5	1	42
Dyna-Gro S43XS27	58.8*	4.3	1	42
AgriGold G4685RX	58.6*	4.6	1	48
LG C4922RX	57.7*	4.9	1	34
MorSoy 4706 RXT	57.6*	4.7	1	42
USG 7487XTS	56.2	4.8	1	40
Hefty H49X7S	55.3	4.9	1	42
Beck's 4453X2	55.0	4.4	1	43
GoSoy Ireane	54.8	4.9	1	36
MorSoy 4535 RXT	54.6	4.5	2	41
FS HiSOY 44X60	54.1	4.4	1	48
AgriGold G4024RX	54.0	4.0	1	39
Armor 42-D27	53.7	4.4	1	37
Terral REV 49L88	53.7	4.9	1	45
MorSoy 4616 RXT	53.6	4.6	1	47
Progeny Ag P4996RXS	53.3	4.9	1	43
Bayer CZ 4044 LL	53.1	4.0	1	38
Bayer CZ 4748 LL	52.9	4.7	2	38
Armor ARX4807	52.7	4.8	1	36
Delta Grow DG4781LL	52.7	4.7	1	40
MorSoy 4846 RXT	52.7	4.8	1	35
FS HiSOY 48X70	52.6	4.8	1	45
Delta Grow DG4845RR2X	52.4	4.8	1	32
Syngenta NK S41-A1X	52.3	4.1	1	40
Beck's 4991X2	51.9	4.9	1	44
Progeny Ag P4929RXS	51.9	4.9	1	37
Hefty H45X8S	51.7	4.4	2	41
Syngenta NK S48-R2X	51.4	4.8	1	44
Progeny Ag P4930LL	51.2	4.9	1	36
GoSoy 47B17	51.1	4.7	1	43
Hefty H49X7	51.1	4.9	1	40
AgriGold G4835RX	51.0	4.8	1	38
LG C4710RX	51.0	4.7	1	44
MO4801D C/STS	51.0	4.8	1	39
MorSoy 4857 RXT	51.0	4.8	1	40
GoSoy 43L16	50.9	4.3	1	40
AgriGold G4440RX	50.7	4.4	2	43
Progeny Ag P4851RX	50.7	4.8	2	40
Hefty H47L5	50.6	4.8	1	43
Terral REV 4857X	50.6	4.8	2	42

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
MFS MO EXP 1509	50.5	4.5	1	36
Progeny Ag P4799RXS	50.5	4.7	1	43
Progeny Ag P4516RXS	50.4	4.5	1	40
Dyna-Gro S48XS78	50.2	4.8	1	36
GoSoy 49G16	50.0	4.9	1	42
LG C4845RX	50.0	4.8	1	36
AgriGold G4380RX	49.9	4.3	1	36
MorSoy 4667 RXT	49.9	4.6	1	42
Progeny Ag P4247LL	49.9	4.2	1	35
Bayer HBK LL 4953	49.8	4.9	1	38
MFS MO EXP 1583	49.7	4.3	1	35
Dyna-Gro S49XS88	49.6	4.9	1	44
Armor 44-D47	49.4	4.2	1	39
MFS MO EXP 5081	49.2	4.8	2	36
MorSoy 4777 RXT	49.2	4.7	2	44
Midland 4328NX	49.0	4.3	1	36
Terral REV 4927X	49.0	4.9	1	45
Progeny Ag P4757RY	48.9	4.7	2	44
FS HiSOY 49X60	48.8	4.9	1	39
Delta Grow DG4587LL	48.6	4.5	1	38
Dyna-Gro S45XS37	48.5	4.5	1	43
Hefty H43X8	48.4	4.3	1	38
Progeny Ag P4255RX	48.4	4.2	1	43
AGS GS48R216	48.3	4.8	2	36
MO4901D GT	48.3	4.9	1	38
Syngenta NK S45-K5X	48.3	4.5	1	39
AgriGold G4990RX	48.1	4.9	1	45
Armor ARX4607	47.5	4.6	1	40
GoSoy 41B17	47.5	4.1	1	38
USG Ellis	47.4	4.9	1	43
FS HiSOY 43X60	47.2	4.3	1	41
Hefty H46X6	47.1	4.6	1	37
MorSoy 4426 RXT	46.8	4.4	1	41
Delta Grow DG4790RR2	46.7	4.7	1	36
GoSoy 4714LL	46.6	4.7	1	44
Midland 4373NR2	46.6	4.3	1	38
MorSoy 4737 RXT	46.6	4.7	1	40
Progeny Ag P4620RXS	46.6	4.6	1	39
MFS MO EXP 64151	46.5	4.7	1	35
Progeny Ag P4816RX	46.5	4.8	1	39
AGS GS45R216	46.4	4.5	2	45
Momentum 49G06	46.4	4.9	1	49
AGS GS46X17	46.2	4.6	1	34
Dyna-Gro S48XT56	46.2	4.8	1	36
Hefty H48L3	45.3	4.8	1	36

Chaffee — Maturity Group 4 Southeast Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Beck's 4669X2	45.2	4.6	1	42
Delta Grow DG4967LL	45.2	4.9	1	44
MFS MO EXP 3472C	44.8	4.1	1	40
Dyna-Gro SX17846XS	44.7	4.6	2	40
Armor 44-D40	44.3	4.6	1	39
Armor 45-D85	44.1	4.4	1	34
GoSoy 39C15	43.4	3.9	1	32
Terral REV 48L63	43.3	4.8	1	42
Delta Grow DG4670RR2	43.2	4.6	2	36
USG 7496XTS	43.1	4.9	2	42
Armor 46-D08	43.0	4.5	1	38
Progeny Ag P4444RXS	42.6	4.4	1	34
MFS MO EXP 09501	40.7	4.3	1	32
Bayer CZ 4540 LL	40.4	4.5	1	44
Bayer CZ 4222 LL	40.3	4.2	1	34
MorSoy 4997 RXT	38.9	4.9	1	46
Syngenta NK S43-V3X	38.4	4.3	1	44
MFS MO EXP 1936	34.4	4.7	1	37
MO4301M CONV	30.2	4.3	2	32
Mean	48.8		1	39
LSD (10%)	4.6			
CV (%)	9.0			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

SOUTHEAST REGION

Chaffee — Maturity Group 5

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
AgriGold G5000RX	59.9**	5.0	1	44
Progeny Ag P5016RXS	58.5*	5.0	1	45
MFS MO EXP 7109	54.6	5.5	1	38
Bayer CZ 5147 LL	52.0	5.1	1	37
MFS MO EXP 5591	51.7	5.5	3	36
Progeny Ag P5157RXS	51.0	5.1	1	39
GoSoy 54G16	50.8	5.4	1	48
Progeny Ag P5414LLS	48.9	5.4	1	40
GoSoy 5115LL	48.7	5.1	2	50
Bayer CZ 5150 LL	48.0	5.1	1	40
Momentum 52C06	47.9	5.2	5	43
GoSoy Leland	44.6	5.0	3	42
Mean	51.4		2	42
LSD (10%)	3.5			
CV (%)	6.2			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

SOUTHEAST REGION

New Madrid — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1–5)	Height (inches)
Dyna-Gro SX17846XS	78.3**	4.6	1	44
Dyna-Gro S43XS27	74.2*	4.3	2	46
AGS GS46X17	73.8*	4.6	1	40
MorSoy 4706 RXT	72.7	4.7	1	47
MorSoy 4426 RXT	72.6	4.4	2	44
Armor 42-D27	72.3	4.4	1	38
Armor ARX4607	72.1	4.6	2	45
AgriGold G4835RX	71.5	4.8	2	37
Dyna-Gro S48XS78	71.5	4.8	1	42
Midland 4956NXS	71.5	4.9	1	43
Terral REV 45L57	71.5	4.5	2	42
Armor ARX4807	71.2	4.8	2	43
FS HiSOY 48X70	71.1	4.8	2	45
GoSoy 4714LL	71.0	4.7	2	44
AgriGold G4440RX	70.9	4.4	1	49
MorSoy 4857 RXT	70.5	4.8	2	42
FS HiSOY 44X60	70.2	4.4	1	44
MorSoy 4737 RXT	70.2	4.7	2	49
Syngenta NK S48-R2X	70.1	4.8	1	46
MorSoy 4667 RXT	70.0	4.6	2	44
MorSoy 4777 RXT	69.8	4.7	3	46
GoSoy Ireane	69.6	4.9	1	32
Armor 46-D08	69.3	4.5	2	47
Dyna-Gro S49XS88	69.2	4.9	2	44
LG C4922RX	68.9	4.9	2	39
AGS GS48R216	68.8	4.8	2	37
Dyna-Gro S45XS37	68.8	4.5	2	44
Terral REV 4857X	68.7	4.8	1	48
Progeny Ag P4444RXS	68.5	4.4	1	40
Terral REV 4927X	68.5	4.9	2	47
Progeny Ag P4929RXS	68.4	4.9	1	39
Hefty H43X8	68.3	4.3	3	44
Delta Grow DG4587LL	68.1	4.5	1	42
USG 7496XTS	68.1	4.9	1	46
Hefty H47L5	67.9	4.8	2	40
Progeny Ag P4851RX	67.9	4.8	2	46
Terral REV 49L88	67.9	4.9	1	46
Progeny Ag P4516RXS	67.7	4.5	1	45
Progeny Ag P4799RXS	67.6	4.7	1	35
Beck's 4991X2	67.5	4.9	1	41
AgriGold G4990RX	67.3	4.9	2	52
LG C4710RX	67.0	4.7	3	45

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
MorSoy 4846 RXT	66.8	4.8	1	42
AgriGold G4685RX	66.7	4.6	2	46
MorSoy 4535 RXT	66.7	4.5	4	46
Hefty H45X8S	66.5	4.4	1	43
USG Ellis	66.5	4.9	2	38
Beck's 4669X2	66.3	4.6	2	47
MFS MO EXP 09501	66.2	4.3	1	41
Bayer HBK LL 4953	66.1	4.9	1	45
FS HiSOY 43X60	66.1	4.3	1	43
Midland 4677NXS	66.1	4.6	2	48
Hefty H49X7	66.0	4.9	2	44
AgriGold G4380RX	65.9	4.3	2	44
Syngenta NK S45-K5X	65.7	4.5	2	40
Delta Grow DG4967LL	65.5	4.9	2	46
Armor 44-D40	65.4	4.6	1	45
Midland 4373NR2	65.4	4.3	1	32
Progeny Ag P4816RX	65.4	4.8	3	44
Bayer CZ 4044 LL	65.2	4.0	2	34
Delta Grow DG4670RR2	65.2	4.6	4	40
Delta Grow DG4790RR2	65.0	4.7	3	45
Delta Grow DG4845RR2X	64.9	4.8	1	44
USG 7487XTS	64.8	4.8	1	48
Hefty H49X7S	64.7	4.9	1	46
MorSoy 4616 RXT	64.4	4.6	2	45
GoSoy 43L16	64.3	4.3	3	40
LG C4845RX	64.3	4.8	1	44
Armor 44-D47	64.2	4.2	1	41
GoSoy 41B17	64.2	4.1	1	41
MorSoy 4997 RXT	64.2	4.9	1	52
Progeny Ag P4996RXS	64.2	4.9	1	45
Syngenta NK S41-A1X	64.1	4.1	2	44
AGS GS45R216	64.0	4.5	2	44
Hefty H46X6	63.5	4.6	2	47
Dyna-Gro S48XT56	63.2	4.8	1	40
MFS MO EXP 5081	63.1	4.8	4	38
Beck's 4453X2	63.0	4.4	2	49
Bayer CZ 4748 LL	62.9	4.7	2	40
Progeny Ag P4620RXS	62.9	4.6	3	42
MFS MO EXP 3472C	62.6	4.1	2	37
MFS MO EXP 1583	62.5	4.3	3	41
FS HiSOY 49X60	62.3	4.9	1	40
GoSoy 49G16	62.0	4.9	4	36
Progeny Ag P4757RY	62.0	4.7	1	49
Delta Grow DG4781LL	61.6	4.7	1	42
GoSoy 47B17	61.5	4.7	1	37

New Madrid — Maturity Group 4 Southeast Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Syngenta NK S43-V3X	61.5	4.3	1	36
Armor 45-D85	61.4	4.4	1	42
Progeny Ag P4247LL	61.0	4.2	1	36
Midland 4328NX	60.9	4.3	1	44
Hefty H48L3	60.4	4.8	2	44
Progeny Ag P4255RX	60.2	4.2	1	41
Bayer CZ 4222 LL	59.3	4.2	2	39
MO4901D GT	59.3	4.9	3	38
Progeny Ag P4930LL	58.7	4.9	2	51
Terral REV 48L63	58.2	4.8	3	42
AgriGold G4024RX	56.1	4.0	1	40
MO4801D C/STS	55.8	4.8	2	40
Bayer CZ 4540 LL	55.3	4.5	2	46
MFS MO EXP 1509	54.7	4.5	2	38
MFS MO EXP 1936	53.7	4.7	2	48
MFS MO EXP 64151	52.9	4.7	1	35
MO4301M CONV	51.9	4.3	2	40
GoSoy 39C15	51.5	3.9	3	37
Momentum 49G06	51.0	4.9	4	44
Mean	64.8		2	42
LSD (10%)	5.3			
CV (%)	7.7			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

SOUTHEAST REGION

New Madrid — Maturity Group 5

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
AgriGold G5000RX	73.2**	5.0	1	48
MFS MO EXP 7109	70.2*	5.5	1	36
Bayer CZ 5150 LL	69.6	5.1	1	38
GoSoy 5115LL	68.4	5.1	1	44
GoSoy Leland	67.0	5.0	3	40
Progeny Ag P5016RXS	66.4	5.0	1	40
GoSoy 54G16	61.8	5.4	1	42
Progeny Ag P5157RXS	60.8	5.1	1	41
Bayer CZ 5147 LL	60.2	5.1	2	36
MFS MO EXP 5591	55.9	5.5	3	34
Momentum 52C06	54.1	5.2	2	32
Progeny Ag P5414LLS	53.6	5.4	2	42
Mean	63.1		2	39
LSD (10%)	3.2			
CV (%)	4.7			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

SOUTHEAST REGION

Portageville — Maturity Group 4

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1–5)	Height (inches)
Dyna-Gro S48XS78	68.1**	4.8	2	36
Armor ARX4807	65.7*	4.8	2	37
Dyna-Gro S43XS27	62.2	4.3	2	35
Midland 4373NR2	62.2	4.3	2	33
Terral REV 48L63	61.9	4.8	2	38
GoSoy 41B17	61.4	4.1	2	38
LG C4922RX	61.4	4.9	2	38
MorSoy 4426 RXT	60.7	4.4	2	38
MorSoy 4777 RXT	60.6	4.7	3	43
MorSoy 4667 RXT	60.1	4.6	2	42
Progeny Ag P4929RXS	59.9	4.9	2	40
Progeny Ag P4444RXS	59.8	4.4	2	36
AgriGold G4835RX	59.7	4.8	2	39
Dyna-Gro S49XS88	59.6	4.9	2	44
Syngenta NK S43-V3X	59.2	4.3	2	35
MorSoy 4535 RXT	58.9	4.5	1	29
Delta Grow DG4587LL	58.7	4.5	2	37
AgriGold G4440RX	58.6	4.4	2	41
Armor 44-D47	58.6	4.2	2	42
Dyna-Gro SX17846XS	58.4	4.6	2	38
MorSoy 4857 RXT	57.8	4.8	2	37
Midland 4956NXS	57.4	4.9	2	42
Armor ARX4607	57.3	4.6	2	37
FS HiSOY 43X60	57.3	4.3	2	40
Armor 42-D27	57.1	4.4	1	36
Terral REV 4927X	57.1	4.9	2	35
AgriGold G4024RX	56.6	4.0	2	38
Hefty H45X8S	56.1	4.4	1	38
GoSoy Ireane	56.0	4.9	2	27
MorSoy 4737 RXT	56.0	4.7	1	37
GoSoy 49G16	55.6	4.9	4	40
Midland 4677NXS	55.6	4.6	2	37
FS HiSOY 48X70	55.4	4.8	2	40
MorSoy 4706 RXT	55.4	4.7	2	36
Armor 44-D40	54.9	4.6	2	37
Progeny Ag P4851RX	54.5	4.8	3	44
AgriGold G4380RX	54.2	4.3	2	37
Terral REV 4857X	54.2	4.8	2	40
Hefty H49X7S	53.9	4.9	2	37
Progeny Ag P4996RXS	53.9	4.9	2	43
USG 7496XTS	53.9	4.9	2	39
MO4901D GT	53.8	4.9	3	36

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
Armor 46-D08	53.7	4.5	2	38
Syngenta NK S48-R2X	53.5	4.8	2	37
Beck's 4453X2	53.0	4.4	2	39
AgriGold G4685RX	52.7	4.6	2	41
AGS GS45R216	52.7	4.5	3	38
AgriGold G4990RX	52.6	4.9	2	42
AGS GS48R216	52.6	4.8	2	35
Terral REV 45L57	52.5	4.5	2	34
MorSoy 4846 RXT	52.3	4.8	2	35
Progeny Ag P4255RX	52.2	4.2	2	37
Syngenta NK S45-K5X	52.2	4.5	2	35
Delta Grow DG4670RR2	51.9	4.6	3	37
Hefty H49X7	51.8	4.9	2	38
Delta Grow DG4845RR2X	51.7	4.8	1	34
GoSoy 4714LL	51.5	4.7	2	35
Midland 4328NX	51.5	4.3	2	37
USG Ellis	51.5	4.9	1	28
Progeny Ag P4757RY	51.3	4.7	2	37
Beck's 4991X2	51.1	4.9	1	35
Dyna-Gro S45XS37	50.8	4.5	2	40
USG 7487XTS	50.6	4.8	2	42
Hefty H43X8	50.5	4.3	2	37
LG C4710RX	50.3	4.7	2	43
Progeny Ag P4930LL	50.2	4.9	2	33
AGS GS46X17	50.1	4.6	2	31
GoSoy 43L16	49.8	4.3	2	32
Progeny Ag P4799RXS	49.7	4.7	2	39
Progeny Ag P4516RXS	49.6	4.5	2	38
Hefty H46X6	49.5	4.6	2	39
MorSoy 4997 RXT	49.5	4.9	2	48
Terral REV 49L88	49.3	4.9	2	40
MorSoy 4616 RXT	48.9	4.6	3	41
Hefty H48L3	48.8	4.8	3	36
Momentum 49G06	48.7	4.9	3	36
Progeny Ag P4620RXS	48.7	4.6	2	33
Bayer CZ 4748 LL	48.3	4.7	1	36
Beck's 4669X2	48.3	4.6	2	37
Delta Grow DG4781LL	48.3	4.7	2	37
Hefty H47L5	48.3	4.8	2	41
Bayer HBK LL 4953	48.2	4.9	2	36
Delta Grow DG4790RR2	48.2	4.7	3	42
Progeny Ag P4816RX	48.0	4.8	1	30
GoSoy 47B17	47.9	4.7	2	36
MFS MO EXP 3472C	47.4	4.1	2	29
Syngenta NK S41-A1X	47.1	4.1	1	31

Portageville — Maturity Group 4 Southeast Region (continued)

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
FS HiSOY 49X60	47.0	4.9	2	34
Delta Grow DG4967LL	46.5	4.9	3	38
MO4301M CONV	46.4	4.3	1	28
Progeny Ag P4247LL	46.3	4.2	2	30
LG C4845RX	46.2	4.8	1	34
MO4801D C/STS	45.6	4.8	2	36
Armor 45-D85	45.5	4.4	2	35
Dyna-Gro S48XT56	45.2	4.8	1	34
Bayer CZ 4044 LL	44.9	4.0	1	30
MFS MO EXP 1583	44.6	4.3	1	30
Bayer CZ 4222 LL	44.2	4.2	2	27
Bayer CZ 4540 LL	44.0	4.5	3	42
MFS MO EXP 09501	43.9	4.3	2	32
FS HiSOY 44X60	43.1	4.4	1	30
MFS MO EXP 5081	41.6	4.8	2	27
MFS MO EXP 1936	40.9	4.7	2	38
GoSoy 39C15	39.3	3.9	2	28
MFS MO EXP 1509	39.2	4.5	2	33
MFS MO EXP 64151	39.2	4.7	1	28
Mean	51.8		2	36
LSD (10%)	4.4			
CV (%)	8.1			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

SOUTHEAST REGION

Portageville — Maturity Group 5

Brand-Variety	Yield (bu/ac)	Maturity (group)	Lodging (1-5)	Height (inches)
GoSoy Leland	58.7**	5.0	3	31
MFS MO EXP 5591	55.3*	5.5	3	30
Momentum 52C06	54.7	5.2	2	28
Bayer CZ 5147 LL	53.4	5.1	1	27
Progeny Ag P5016RXS	53.4	5.0	1	37
Progeny Ag P5157RXS	52.0	5.1	2	34
GoSoy 54G16	50.9	5.4	1	30
AgriGold G5000RX	50.3	5.0	2	37
GoSoy 5115LL	49.6	5.1	2	31
Bayer CZ 5150 LL	48.6	5.1	2	34
MFS MO EXP 7109	47.1	5.5	2	28
Progeny Ag P5414LLS	46.6	5.4	3	36
Mean	51.8		2	32
LSD (10%)	3.8			
CV (%)	6.8			

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

~ Lodging rated on a 1 to 5 scale, where 1 = less than 20% plants lodged, 3 = all plants leaning moderately or 40% to 60% lodged, and 5 = 80% or more plants lodged.

SOUTHEAST REGION

SUMMARY — MATURITY GROUP 4

For the Southeast Region, the 2 location mean will serve as the official ranking for the region and will include the Chaffee and New Madrid locations. These locations showed no indication of herbicide-related damage that would impact yield results and variety rankings.

Although the Portageville location had indication of herbicide-related crop injury, yield results and variety rankings do not indicate a clear loss of yield in varieties that could have potentially been affected. For this reason we have included the Portageville location data, as well as a 3 location mean, for comparison.

Brand-Variety			2 Location		3 Location
	Chaffee (bu/ac)	New Madrid (bu/ac)	Mean (bu/ac)	Portageville (bu/ac)	Mean (bu/ac)
Dyna-Gro S43XS27	58.8*	74.2*	66.5**	62.2	65.1**
Midland 4956NXS	60.7*	71.5	66.1*	57.4	63.2*
MorSoy 4706 RXT	57.6*	72.7	65.2*	55.4	61.9*
Terral REV 45L57	58.9*	71.5	65.2*	52.5	61.0
Midland 4677NXS	61.2**	66.1	63.7*	55.6	61.0
LG C4922RX	57.7*	68.9	63.3*	61.4	62.7*
Armor 42-D27	53.7	72.3	63.0*	57.1	61.0
AgriGold G4685RX	58.6*	66.7	62.7*	52.7	59.3
GoSoy Ireane	54.8	69.6	62.2*	56.0	60.1
FS HiSOY 44X60	54.1	70.2	62.2*	43.1	55.8
Armor ARX4807	52.7	71.2	62.0	65.7*	63.2*
FS HiSOY 48X70	52.6	71.1	61.9	55.4	59.7
Dyna-Gro SX17846XS	44.7	78.3**	61.5	58.4	60.5
AgriGold G4835RX	51.0	71.5	61.3	59.7	60.7
Dyna-Gro S48XS78	50.2	71.5	60.9	68.1**	63.3*
AgriGold G4440RX	50.7	70.9	60.8	58.6	60.1
Terral REV 4927X	49.0	68.5	60.8	57.1	59.6
MorSoy 4857 RXT	51.0	70.5	60.8	57.8	59.8
Syngenta NK S48-R2X	51.4	70.1	60.8	53.5	58.3
MorSoy 4535 RXT	54.6	66.7	60.7	58.9	60.1
USG 7487XTS	56.2	64.8	60.5	50.6	57.2
Progeny Ag P4929RXS	51.9	68.4	60.2	59.9	60.1
Hefty H49X7S	55.3	64.7	60.0	53.9	58.0
AGS GS46X17	46.2	73.8*	60.0	50.1	56.7
MorSoy 4667 RXT	49.9	70.0	60.0	60.1	60.0
Armor ARX4607	47.5	72.1	59.8	57.3	59.0
MorSoy 4846 RXT	52.7	66.8	59.8	52.3	57.3
Beck's 4991X2	51.9	67.5	59.7	51.1	56.8
MorSoy 4426 RXT	46.8	72.6	59.7	60.7	60.0
Terral REV 4857X	50.6	68.7	59.7	54.2	57.8
MorSoy 4777 RXT	49.2	69.8	59.5	60.6	59.9
Dyna-Gro S49XS88	49.6	69.2	59.4	59.6	59.5
Progeny Ag P4851RX	50.7	67.9	59.3	54.5	57.7

Brand-Variety	Chaffee (bu/ac)	New Madrid (bu/ac)	2 Location	Portageville (bu/ac)	3 Location
			Mean (bu/ac)		Mean (bu/ac)
Hefty H47L5	50.6	67.9	59.3	48.3	55.6
Bayer CZ 4044 LL	53.1	65.2	59.2	44.9	54.4
Hefty H45X8S	51.7	66.5	59.1	56.1	58.1
Progeny Ag P4799RXS	50.5	67.6	59.1	49.7	55.9
Progeny Ag P4516RXS	50.4	67.7	59.1	49.6	55.9
Beck's 4453X2	55.0	63.0	59.0	53.0	57.0
LG C4710RX	51.0	67.0	59.0	50.3	56.1
MorSoy 4616 RXT	53.6	64.4	59.0	48.9	55.6
GoSoy 4714LL	46.6	71.0	58.8	51.5	56.4
Terral REV 48L63	43.3	58.2	58.8	61.9	59.8
Progeny Ag P4996RXS	53.3	64.2	58.8	53.9	57.1
Delta Grow DG4845RR2X	52.4	64.9	58.7	51.7	56.3
Dyna-Gro S45XS37	48.5	68.8	58.7	50.8	56.0
AGS GS48R216	48.3	68.8	58.6	52.6	56.6
Hefty H49X7	51.1	66.0	58.6	51.8	56.3
MorSoy 4737 RXT	46.6	70.2	58.4	56.0	57.6
Delta Grow DG4587LL	48.6	68.1	58.4	58.7	58.5
Hefty H43X8	48.4	68.3	58.4	50.5	55.7
Syngenta NK S41-A1X	52.3	64.1	58.2	47.1	54.5
Bayer HBK LL 4953	49.8	66.1	58.0	48.2	54.7
AgriGold G4380RX	49.9	65.9	57.9	54.2	56.7
Bayer CZ 4748 LL	52.9	62.9	57.9	48.3	54.7
AgriGold G4990RX	48.1	67.3	57.7	52.6	56.0
GoSoy 43L16	50.9	64.3	57.6	49.8	55.0
Delta Grow DG4781LL	52.7	61.6	57.2	48.3	54.2
LG C4845RX	50.0	64.3	57.2	46.2	53.5
Syngenta NK S45-K5X	48.3	65.7	57.0	52.2	55.4
USG Ellis	47.4	66.5	57.0	51.5	55.1
Armor 44-D47	49.4	64.2	56.8	58.6	57.4
FS HiSOY 43X60	47.2	66.1	56.7	57.3	56.9
GoSoy 47B17	51.1	61.5	56.3	47.9	53.5
MFS MO EXP 5081	49.2	63.1	56.2	41.6	51.3
Armor 46-D08	43.0	69.3	56.2	53.7	55.3
MFS MO EXP 1583	49.7	62.5	56.1	44.6	52.3
Midland 4373NR2	46.6	65.4	56.0	62.2	58.1
GoSoy 49G16	50.0	62.0	56.0	55.6	55.9
Progeny Ag P4816RX	46.5	65.4	56.0	48.0	53.3
GoSoy 41B17	47.5	64.2	55.9	61.4	57.7
Delta Grow DG4790RR2	46.7	65.0	55.9	48.2	53.3
Beck's 4669X2	45.2	66.3	55.8	48.3	53.3
USG 7496XTS	43.1	68.1	55.6	53.9	55.0
Progeny Ag P4444RXS	42.6	68.5	55.6	59.8	57.0
FS HiSOY 49X60	48.8	62.3	55.6	47.0	52.7

Summary — Maturity Group 4 Southeast Region (continued)

Brand-Variety	2 Location		3 Location		
	Chaffee (bu/ac)	New Madrid (bu/ac)	Mean (bu/ac)	Portageville (bu/ac)	Mean (bu/ac)
Progeny Ag P4757RY	48.9	62.0	55.5	51.3	54.1
Progeny Ag P4247LL	49.9	61.0	55.5	46.3	52.4
Delta Grow DG4967LL	45.2	65.5	55.4	46.5	52.4
Hefty H46X6	47.1	63.5	55.3	49.5	53.4
AGS GS45R216	46.4	64.0	55.2	52.7	54.4
AgriGold G4024RX	54.0	56.1	55.1	56.6	55.6
Midland 4328NX	49.0	60.9	55.0	51.5	53.8
Progeny Ag P4930LL	51.2	58.7	55.0	50.2	53.4
Armor 44-D40	44.3	65.4	54.9	54.9	54.9
Progeny Ag P4620RXS	46.6	62.9	54.8	48.7	52.7
Dyna-Gro S48XT56	46.2	63.2	54.7	45.2	51.5
Progeny Ag P4255RX	48.4	60.2	54.3	52.2	53.6
Delta Grow DG4670RR2	43.2	65.2	54.2	51.9	53.4
MO4901D GT	48.3	59.3	53.8	53.8	53.8
MFS MO EXP 3472C	44.8	62.6	53.7	47.4	51.6
MFS MO EXP 09501	40.7	66.2	53.5	43.9	50.3
MO4801D C/STS	51.0	55.8	53.4	45.6	50.8
Hefty H48L3	45.3	60.4	52.9	48.8	51.5
Armor 45-D85	44.1	61.4	52.8	45.5	50.3
MFS MO EXP 1509	50.5	54.7	52.6	39.2	48.1
MorSoy 4997 RXT	38.9	64.2	51.6	49.5	50.9
Terral REV 49L88	53.7	67.9	50.8	49.3	50.3
Syngenta NK S43-V3X	38.4	61.5	50.0	59.2	53.0
Bayer CZ 4222 LL	40.3	59.3	49.8	44.2	47.9
MFS MO EXP 64151	46.5	52.9	49.7	39.2	46.2
Momentum 49G06	46.4	51.0	48.7	48.7	48.7
Bayer CZ 4540 LL	40.4	55.3	47.9	44.0	46.6
GoSoy 39C15	43.4	51.5	47.5	39.3	44.7
MFS MO EXP 1936	34.4	53.7	44.1	40.9	43.0
MO4301M CONV	30.2	51.9	41.1	46.4	42.8
Mean	48.8	64.8	56.8	51.8	55.1
LSD (10%)	4.6	5.3	4.3	4.4	3.4
CV (%)	9.0	7.7	8.1	8.1	8.0

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

SOUTHEAST REGION

SUMMARY — MATURITY GROUP 5

For the Southeast Region, the 2 location mean will serve as the official ranking for the region and will include the Chaffee and New Madrid locations. These locations showed no indication of herbicide-related damage that would impact yield results and variety rankings.

Although the Portageville location had indication of herbicide-related crop injury, yield results and variety rankings do not indicate a clear loss of yield in varieties that could have potentially been affected. For this reason we have included the Portageville location data, as well as a 3 location mean, for comparison.

Brand-Variety	Chaffee (bu/ac)	New Madrid (bu/ac)	2 Location	Portageville (bu/ac)	3 Location
			Mean (bu/ac)		Mean (bu/ac)
AgriGold G5000RX	59.9**	73.2**	66.6**	50.3	61.1**
Progeny Ag P5016RXS	58.5*	66.4	62.5*	53.4	59.4*
MFS MO EXP 7109	54.6	70.2*	62.4*	47.1	57.3*
Bayer CZ 5150 LL	48.0	69.6	58.8	48.6	55.4*
GoSoy 5115LL	48.7	68.4	58.6	49.6	55.6*
GoSoy 54G16	50.8	61.8	56.3	50.9	54.5
Bayer CZ 5147 LL	52.0	60.2	56.1	53.4	55.2*
Progeny Ag P5157RXS	51.0	60.8	55.9	52.0	54.6
GoSoy Leland	44.6	67.0	55.8	58.7**	56.8*
MFS MO EXP 5591	51.7	55.9	53.8	55.3*	54.3
Progeny Ag P5414LLS	48.9	53.6	51.3	46.6	49.7
Momentum 52C06	47.9	54.1	51.0	54.7	52.2
Mean	51.4	63.1	57.3	51.8	55.5
LSD (10%)	3.5	3.2	7.5	3.8	6.4
CV (%)	6.2	4.7	5.4	6.8	5.9

** Highest yielding variety in test

* Yield not significantly less than the highest yielding variety in the test

CHARACTERISTICS FOR SOYBEAN VARIETIES

All information in this table was provided by the seed companies. The MU Variety Testing Program does not guarantee accuracy. Please contact seed dealers for the latest information.

Variety	MG ¹	Seed treatment ²	SCN Source ³	Herbicide trait ⁴		
				GLY	GLU	DIC
AgriGold G3410RX	3.4	AgriShield F + I	PI88788	Y	N	Y
AgriGold G3520RX	3.5	AgriShield F + I	PI88788	Y	N	Y
AgriGold G3712RX	3.7	AgriShield F + I	PI88788	Y	N	Y
AgriGold G3980RX	3.9	AgriShield F + I	PI88788	Y	N	Y
AgriGold G4024RX	4.0	AgriShield F + I	PI88788	Y	N	Y
AgriGold G4380RX	4.3	AgriShield F + I	PI88788	Y	N	Y
AgriGold G4440RX	4.4	AgriShield F + I	PI88788	Y	N	Y
AgriGold G4685RX	4.6	AgriShield F + I	PI88788	Y	N	Y
AgriGold G4835RX	4.8	AgriShield F + I	PI88788	Y	N	Y
AgriGold G4990RX	4.9	AgriShield F + I	PI88788	Y	N	Y
AgriGold G5000RX	5.0	AgriShield F + I	PI88788	Y	N	Y
AGS GS45R216	4.5	CruiserMaxx + Vibrance	PI88788	Y	N	N
AGS GS46X17	4.6	CruiserMaxx + Vibrance	PI88788	Y	N	Y
AGS GS48R216	4.8	CruiserMaxx + Vibrance	PI88788	Y	N	N
AgVenture 38E8LL	3.8	Cruiser Maxx	N/I	N	Y	N
AgVenture 38H4R	3.8	Cruiser Maxx	N/I	Y	N	N
AgVenture 35H8LL	3.5	Cruiser Maxx	N/I	N	Y	N
AgVenture 38W5X	3.8	Cruiser Maxx	N/I	Y	N	Y
AgVenture 41B5LL	4.1	Cruiser Maxx	N/I	N	Y	N
AgVenture 41H1LL	4.1	Cruiser Maxx	N/I	N	Y	N
AgVenture 41W7X	4.1	Cruiser Maxx	N/I	Y	N	Y
AgVenture 44Z8RRSTS	4.4	Cruiser Maxx	N/I	Y	N	N
AgVenture 45W7R	4.5	Cruiser Maxx	N/I	Y	N	N
AgVenture 46M8LL	4.6	Cruiser Maxx	N/I	N	Y	N
AgVenture 47W2X	4.7	Cruiser Maxx	N/I	Y	N	Y
AgVenture 47W3LL	4.7	Cruiser Maxx	N/I	N	Y	N
Armor 44-D40	4.4	N/I	N/I	Y	N	Y
Armor 46-D08	4.6	N/I	N/I	Y	N	Y
Armor 42-D27	4.2	N/I	N/I	Y	N	Y
Armor 44-D47	4.4	N/I	N/I	Y	N	Y
Armor 45-D85	4.5	N/I	N/I	Y	N	Y
Armor ARX4607	4.6	N/I	N/I	Y	N	Y
Armor ARX4807	4.8	N/I	N/I	Y	N	Y
Bayer CZ 4044 LL	4.0	Poncho + Votivo + Ilevio	PI88788	N	Y	N
Bayer CZ 4222 LL	4.2	Poncho + Votivo + Ilevio	PI88788	N	Y	N
Bayer CZ 4540 LL	4.5	Poncho + Votivo + Ilevio	N/I	N	Y	N
Bayer CZ 4748 LL	4.7	Poncho + Votivo + Ilevio	PI88788	N	Y	N
Bayer CZ 5147 LL	5.1	Poncho + Votivo + Ilevio	N/I	N	Y	N
Bayer CZ 5150 LL	5.1	Poncho + Votivo + Ilevio	PI88788	N	Y	N

Variety	MG ¹	Seed treatment ²	SCN Source ³	Herbicide trait ⁴		
				GLY	GLU	DIC
Bayer HBK LL 4953	4.9	Poncho + Votivo + Ileva	PI88788	N	Y	N
Beck's 3353X2	3.3	Escalate	PI88788	Y	N	Y
Beck's 3779X2	4.7	Escalate	PI88788	Y	N	Y
Beck's 394L4	3.9	Escalate	PI88788	N	Y	N
Beck's 4119X2	4.1	Escalate	PI88788	Y	N	Y
Beck's 434L4	4.3	Escalate	PI88788	N	Y	N
Beck's 4453X2	4.4	Escalate	PI88788	Y	N	Y
Beck's 456L4	4.5	Escalate	PI88788	N	Y	N
Beck's 4669X2	4.6	Escalate	PI88788	Y	N	Y
Beck's 494L4	4.9	Escalate	PI88788	N	Y	N
Beck's 4991X2	4.9	Escalate	PI88788	Y	N	Y
Delta Grow DG4587LL	4.5	Cruiser Maxx	PI88788	N	Y	N
Delta Grow DG4670RR2	4.6	Cruiser Maxx	PI88788	Y	N	N
Delta Grow DG4781LL	4.7	Cruiser Maxx	PI88788	N	Y	N
Delta Grow DG4790RR2	4.7	Cruiser Maxx	PI88788	Y	N	N
Delta Grow DG4845RR2X	4.8	Cruiser Maxx	PI88788	Y	N	Y
Delta Grow DG4967LL	4.9	Cruiser Maxx	PI88788	N	Y	N
Dyna-Gro S35XT97	3.5	Equity VIP	PI88788	Y	N	Y
Dyna-Gro S39XT68	3.9	Equity VIP	PI88788	Y	N	Y
Dyna-Gro S43XS27	4.3	Equity VIP	PI88788	Y	N	Y
Dyna-Gro S45XS37	4.5	Equity VIP	PI88788	Y	N	Y
Dyna-Gro S46XS87	4.6	Equity VIP	PI88788	Y	N	Y
Dyna-Gro S48XS78	4.8	Equity VIP	PI88788	Y	N	Y
Dyna-Gro S48XT56	4.8	Equity VIP	PI88788	Y	N	Y
Dyna-Gro S49XS88	4.9	Equity VIP	PI88788	Y	N	Y
Dyna-Gro SX17846XS	4.6	Equity VIP	PI88788	Y	N	Y
FS HiSOY 32X70	3.2	Accelaron I + F + Ileva	PI88788	Y	N	Y
FS HiSOY 34X60	3.4	Accelaron I + F + Ileva	PI88788	Y	N	Y
FS HiSOY 35L42	3.5	Accelaron I + F + Ileva	PI88788	N	Y	N
FS HiSOY 35X70	3.5	Accelaron I + F + Ileva	PI88788	Y	N	Y
FS HiSOY 37X70	3.7	Accelaron I + F + Ileva	PI88788	Y	N	Y
FS HiSOY 38L42	3.8	Accelaron I + F + Ileva	PI88788	N	Y	N
FS HiSOY 39X70	3.9	Accelaron I + F + Ileva	PI88788	Y	N	Y
FS HiSOY 41L42	4.1	Accelaron I + F + Ileva	PI88788	N	Y	N
FS HiSOY 41X70	4.1	Accelaron I + F + Ileva	PI88788	Y	N	Y
FS HiSOY 42L70	4.2	Accelaron I + F + Ileva	PI88788	N	Y	N
FS HiSOY 43X60	4.3	Accelaron I + F + Ileva	PI88788	Y	N	Y
FS HiSOY 44X60	4.4	Accelaron I + F + Ileva	PI88788	Y	N	Y
FS HiSOY 48X70	4.8	Accelaron I + F + Ileva	PI88788	Y	N	Y
FS HiSOY 49X60	4.9	Accelaron I + F + Ileva	PI88788	Y	N	Y
GoSoy 39C15	3.9	Cruiser Maxx + Vibrance	PI88788	N	N	N
GoSoy 41B17	4.1	Cruiser Maxx + Vibrance	PI88788	Y	N	N
GoSoy 43L16	4.3	Cruiser Maxx + Vibrance	PI88788	N	Y	N

Characteristics for soybean varieties (continued)

Variety	MG ¹	Seed treatment ²	SCN Source ³	Herbicide trait ⁴		
				GLY	GLU	DIC
GoSoy 4714LL	4.7	Cruiser Maxx + Vibrance	PI88788	N	Y	N
GoSoy 47B17	4.7	Cruiser Maxx + Vibrance	PI88788	Y	N	N
GoSoy 49G16	4.9	Cruiser Maxx + Vibrance	Hartwig	Y	N	N
GoSoy 5115LL	5.1	Cruiser Maxx + Vibrance	PI88788	N	Y	N
GoSoy 54G16	5.4	Cruiser Maxx + Vibrance	N/I	Y	N	N
GoSoy Ireane	4.9	Cruiser Maxx + Vibrance	Peking	N	N	N
GoSoy Leland	5.0	Cruiser Maxx + Vibrance	Hartwig	N	N	N
Green Valley Seed 34X7	3.4	N/I	N/I	Y	N	Y
Green Valley Seed 36X7	3.6	N/I	N/I	Y	N	Y
Green Valley Seed 37X6	3.7	N/I	N/I	Y	N	Y
Green Valley Seed 38X8	3.8	N/I	N/I	Y	N	Y
Green Valley Seed 39X7	3.9	N/I	N/I	Y	N	Y
Hefty H43X8	4.3	Dominance 2	PI88788	Y	N	Y
Hefty H45X8S	4.4	Dominance 2	PI88788	Y	N	Y
Hefty H46X6	4.6	Dominance 2	PI88788	Y	N	Y
Hefty H47L5	4.8	Dominance 2	N/I	N	Y	N
Hefty H48L3	4.8	Dominance 2	N/I	N	Y	N
Hefty H49X7	4.9	Dominance 2	PI88788	Y	N	Y
Hefty H49X7S	5.0	Dominance 2	PI88788	Y	N	Y
Hoblit 368LL	3.6	N/I	N/I	N	Y	N
Hoblit 384LL	3.8	N/I	N/I	N	Y	N
Hoblit 418LL	4.1	N/I	N/I	N	Y	N
Hoegemeyer HPT 3679 NX	3.6	Gaicho + Allegiance + Evergol + PA2030	PI88788	Y	N	Y
Hoegemeyer HPT LL3455 NS	3.4	Gaicho + Allegiance + Evergol + PA2030	PI88788	N	Y	N
Hoegemeyer HPT LL3813 N	3.8	Gaicho + Allegiance + Evergol + PA2030	PI88788	N	Y	N
Hoegemeyer HPT LL4117 N	4.1	Gaicho + Allegiance + Evergol + PA2030	PI88788	N	Y	N
LG C3489RX	3.4	AgriShield	PI88788	Y	N	Y
LG C3985RX	3.9	AgriShield	PI88788	Y	N	Y
LG C4227RX	4.2	AgriShield	PI88788	Y	N	Y
LG C4710RX	4.7	AgriShield	PI88788	Y	N	Y
LG C4845RX	4.8	AgriShield	PI88788	Y	N	Y
LG C4922RX	4.9	AgriShield	PI88788	Y	N	Y
MFS MO EXP 09501	4.3	Cruiser Maxx + Vibrance + Ileva	N/I	N	N	N
MFS MO EXP 1509	4.5	Cruiser Maxx + Vibrance + Ileva	N/I	Y	N	N
MFS MO EXP 1583	4.3	Cruiser Maxx + Vibrance + Ileva	N/I	N	N	N
MFS MO EXP 1936	4.7	Cruiser Maxx + Vibrance + Ileva	N/I	N	N	N
MFS MO EXP 2283 CSTS	3.8	Cruiser Maxx + Vibrance + Ileva	N/I	N	N	N
MFS MO EXP 3472C	4.1	Cruiser Maxx + Vibrance + Ileva	N/I	N	N	N
MFS MO EXP 5081	4.8	Cruiser Maxx + Vibrance + Ileva	N/I	N	N	N
MFS MO EXP 5591	5.5	Cruiser Maxx + Vibrance + Ileva	N/I	N	N	N
MFS MO EXP 64151	4.7	Cruiser Maxx + Vibrance + Ileva	N/I	Y	N	N
MFS MO EXP 7109	5.5	Cruiser Maxx + Vibrance + Ileva	N/I	Y	N	N

Variety	MG ¹	Seed treatment ²	SCN Source ³	Herbicide trait ⁴		
				GLY	GLU	DIC
MFS MO EXP 84301G	4.2	Cruiser Maxx + Vibrance + Ileva	N/I	Y	N	N
Midland 3258NX	3.2	Cruiser Maxx	PI88788	Y	N	Y
Midland 3537NX	3.5	Cruiser Maxx	PI88788	Y	N	Y
Midland 3926NRS2	3.9	Cruiser Maxx	PI88788	Y	N	N
Midland 3938NX	3.9	Cruiser Maxx	PI88788	Y	N	Y
Midland 3983NR2	3.9	Cruiser Maxx	PI88788	Y	N	N
Midland 4328NX	4.3	Cruiser Maxx	PI88788	Y	N	Y
Midland 4373NR2	4.3	Cruiser Maxx	PI88788	Y	N	N
Midland 4677NXS	4.6	Cruiser Maxx	PI88788	Y	N	Y
Midland 4956NXS	4.9	Cruiser Maxx	PI88788	Y	N	Y
MO4301M CONV	4.3	N/I	N/I	N	N	N
MO4801D C/STS	4.8	N/I	N/I	N	N	N
MO4901D GT	4.9	N/I	N/I	Y	N	N
Momentum 38C05	3.8	N/I	N/I	N	N	N
Momentum 39C07	3.9	N/I	N/I	N	N	N
Momentum 49G06	4.9	N/I	N/I	Y	N	N
Momentum 51G06	5.1	N/I	N/I	Y	N	N
Momentum 52C06	5.2	N/I	N/I	N	N	N
MorSoy 3357 RXT	3.3	Cruiser Maxx + Vibrance	PI88788	Y	N	Y
MorSoy 3611 RXT	3.6	Cruiser Maxx + Vibrance	PI88788	Y	N	Y
MorSoy 3726 RXT	3.7	Cruiser Maxx + Vibrance	PI88788	Y	N	Y
MorSoy 3747 RXT	3.7	Cruiser Maxx + Vibrance	PI88788	Y	N	Y
MorSoy 3806 RXT	3.8	Cruiser Maxx + Vibrance	PI88788	Y	N	Y
MorSoy 3887 RXT	3.8	Cruiser Maxx + Vibrance	PI88788	Y	N	Y
MorSoy 3907 RXT	3.9	Cruiser Maxx + Vibrance	PI88788	Y	N	Y
MorSoy 3922 RXT	3.9	Cruiser Maxx + Vibrance	PI88788	Y	N	Y
MorSoy 3967 RXT	3.9	Cruiser Maxx + Vibrance	PI88788	Y	N	Y
MorSoy 4117 RXT	4.1	Cruiser Maxx + Vibrance	PI88788	Y	N	Y
MorSoy 4242 RXT	4.2	Cruiser Maxx + Vibrance	PI88788	Y	N	Y
MorSoy 4327 RXT	4.3	Cruiser Maxx + Vibrance	PI88788	Y	N	Y
MorSoy 4426 RXT	4.4	Cruiser Maxx + Vibrance	PI88788	Y	N	Y
MorSoy 4535 RXT	4.5	Cruiser Maxx + Vibrance	PI88788	Y	N	Y
MorSoy 4616 RXT	4.6	Cruiser Maxx + Vibrance	PI88788	Y	N	Y
MorSoy 4667 RXT	4.6	Cruiser Maxx + Vibrance	PI88788	Y	N	Y
MorSoy 4706 RXT	4.7	Cruiser Maxx + Vibrance	PI88788	Y	N	Y
MorSoy 4737 RXT	4.7	Cruiser Maxx + Vibrance	PI88788	Y	N	Y
MorSoy 4777 RXT	4.7	Cruiser Maxx + Vibrance	PI88788	Y	N	Y
MorSoy 4846 RXT	4.8	Cruiser Maxx + Vibrance	PI88788	Y	N	Y
MorSoy 4857 RXT	4.8	Cruiser Maxx + Vibrance	PI88788	Y	N	Y
MorSoy 4997 RXT	4.9	Cruiser Maxx + Vibrance	PI88788	Y	N	Y
MorSoy XP 1704	3.3	Cruiser Maxx + Vibrance	PI88788	Y	N	Y
MorSoy XP 1705	3.5	Cruiser Maxx + Vibrance	PI88788	Y	N	Y
MorSoy XP 1706	3.5	Cruiser Maxx + Vibrance	PI88788	Y	N	Y

Characteristics for soybean varieties (continued)

Variety	MG ¹	Seed treatment ²	SCN Source ³	Herbicide trait ⁴		
				GLY	GLU	DIC
MPV 4238N	4.2	N/I	N/I	N	N	N
Mycogen 5N354R2	3.5	Clariva Complete Beans	PI88788	Y	N	N
Mycogen 5N361R2	3.6	Clariva Complete Beans	PI88788	Y	N	N
Mycogen 5N387R2	3.8	Clariva Complete Beans	PI88788	Y	N	N
Mycogen 5N393R2	3.9	Clariva Complete Beans	PI88788	Y	N	N
Mycogen 5N415R2	4.1	Clariva Complete Beans	PI88788	Y	N	N
Mycogen 5N424R2	4.2	Clariva Complete Beans	PI88788	Y	N	N
Mycogen 5N431R2	4.3	Clariva Complete Beans	PI88788	Y	N	N
Mycogen 5N433R2	4.3	Clariva Complete Beans	PI88788	Y	N	N
Mycogen 5N451R2	4.5	Clariva Complete Beans	PI88788	Y	N	N
Mycogen 5N479R2	4.7	Clariva Complete Beans	PI88788	Y	N	N
Mycogen 5N480R2	4.8	Clariva Complete Beans	PI88788	Y	N	N
Mycogen 5N523R2	5.2	Clariva Complete Beans	PI88788	Y	N	N
NuTech 3361L	3.6	SmartCote Supreme	PI88788	N	Y	N
NuTech 3386L	3.8	SmartCote Supreme	PI88788	N	Y	N
NuTech 3427L	4.2	SmartCote Supreme	PI88788	N	Y	N
NuTech 7352X	3.5	SmartCote Supreme	PI88788	Y	N	Y
Power Plus 36A1X	3.6	N/I	N/I	Y	N	Y
Power Plus 36R8	3.6	N/I	N/I	Y	N	N
Power Plus 38K6	3.8	N/I	N/I	Y	N	N
Power Plus 41B8	4.1	N/I	N/I	Y	N	N
Progeny Ag P4247LL	4.2	Poncho + Votivo + Trilex 2000 + Ileva	N/I	N	Y	N
Progeny Ag P4255RX	4.2	Poncho + Votivo + Trilex 2000 + Ileva	N/I	Y	N	Y
Progeny Ag P4444RXS	4.4	Poncho + Votivo + Trilex 2000 + Ileva	N/I	Y	N	Y
Progeny Ag P4516RXS	4.5	Poncho + Votivo + Trilex 2000 + Ileva	N/I	Y	N	Y
Progeny Ag P4620RXS	4.6	Poncho + Votivo + Trilex 2000 + Ileva	N/I	Y	N	Y
Progeny Ag P4757RY	4.7	Poncho + Votivo + Trilex 2000 + Ileva	N/I	Y	N	N
Progeny Ag P4799RXS	4.7	Poncho + Votivo + Trilex 2000 + Ileva	N/I	Y	N	Y
Progeny Ag P4816RX	4.8	Poncho + Votivo + Trilex 2000 + Ileva	N/I	Y	N	Y
Progeny Ag P4851RX	4.8	Poncho + Votivo + Trilex 2000 + Ileva	N/I	Y	N	Y
Progeny Ag P4929RXS	4.9	Poncho + Votivo + Trilex 2000 + Ileva	N/I	Y	N	Y
Progeny Ag P4930LL	4.9	Poncho + Votivo + Trilex 2000 + Ileva	N/I	N	Y	N
Progeny Ag P4996RXS	4.9	Poncho + Votivo + Trilex 2000 + Ileva	N/I	Y	N	Y
Progeny Ag P5016RXS	5.0	Poncho + Votivo + Trilex 2000 + Ileva	N/I	Y	N	Y
Progeny Ag P5157RXS	5.1	Poncho + Votivo + Trilex 2000 + Ileva	N/I	Y	N	Y
Progeny Ag P5414LLS	5.4	Poncho + Votivo + Trilex 2000 + Ileva	N/I	N	Y	N
Syngenta NK S41-A1X	4.1	Avicta Complete + Mertect	PI88788	Y	N	Y
Syngenta NK S43-V3X	4.3	Avicta Complete + Mertect	PI88788	Y	N	Y
Syngenta NK S45-K5X	4.5	Avicta Complete + Mertect	PI88788	Y	N	Y
Syngenta NK S48-R2X	4.8	Avicta Complete + Mertect	PI88788	Y	N	Y
Terral REV 45L57	4.5	Apron + Evergol Energy + Gaucho	N/I	N	Y	N
Terral REV 4857X	4.8	Apron + Evergol Energy + Gaucho	N/I	Y	N	Y

Variety	MG ¹	Seed treatment ²	SCN Source ³	Herbicide trait ⁴		
				GLY	GLU	DIC
Terral REV 4927X	4.9	Apron + Evergol Energy + Gaucho	N/I	Y	N	Y
Terral REV 49L88	4.9	Apron + Evergol Energy + Gaucho	N/I	N	Y	N
Terral REV48L63	4.8	Apron + Evergol Energy + Gaucho	N/I	N	Y	N
USG 7487XTS	4.8	Imidicloprid + Apron + Maxxim	PI88788	Y	N	Y
USG 7496XTS	4.9	Imidicloprid + Apron + Maxxim	PI88788	Y	N	Y
USG Ellis	4.9	Imidicloprid + Apron + Maxxim	N/I	N	N	N
Willcross WX1441NLL	4.1	Cruiser Maxx	N/I	N	Y	N
Willcross WX1445NLL	4.5	Cruiser Maxx	N/I	N	Y	N
Willcross WX1748NLL	4.9	Cruiser Maxx	N/I	N	Y	N
Willcross WXE3367N	3.6	Cruiser Maxx	N/I	Y	N	Y
Willcross WXE3377N	3.7	Cruiser Maxx	N/I	Y	N	Y
Willcross WXE3386N	3.8	Cruiser Maxx	N/I	Y	N	Y
Willcross WXE3437N	4.3	Cruiser Maxx	N/I	Y	N	Y
Willcross WXE3446NS	4.4	Cruiser Maxx	N/I	Y	N	Y
Willcross WXE3487NS	4.8	Cruiser Maxx	N/I	Y	N	Y
Willcross WXE3497NS	4.9	Cruiser Maxx	N/I	Y	N	Y
Willcross WXX3466NS	4.6	Cruiser Maxx	N/I	Y	N	Y

¹ MG = maturity group; first digit is maturity group; second digit is relative maturity within the group.

² Seed treatments listed in table were applied by seed companies to seed entered into MU Variety Testing Program. Purchased seed may contain other seed treatments. See seed company representatives and seed labels for more information.

³ Source of resistant to soybean cyst nematode. Peking = PI548402; Hartwig = PI437654. “n/i” means the company did not provide information.

⁴ Several traits confer herbicide tolerance to soybean varieties. “Y” in the “GLY” column means the variety possesses a glyphosate resistance trait (biotech). “Y” in the “GLU” column means the variety possesses a glufosinate resistance trait (biotech). “Y” in the “DIC” column means the variety possesses a dicamba resistance trait (biotech). See seed company representatives for more information and check seed bag for registered trademarks of specific traits of interest.

SOURCES FOR SOYBEAN VARIETIES

Variety	Company and address	Phone	URL
AgriGold	AgriGold Hybrids St. Francisville, IL 62460	618-943-5776	<i>agrigold.com</i>
AGS	Stratton Seed Stuttgart, AR 72160	800-264-4433	<i>gostrattonseed.com</i>
AgVenture	Wehmeyer Seed Company Mascoutah, IL 62258	618-566-7022	<i>wehmeyerseed.com</i>
Armor	Armor Seed, LLC Waldenburg, AR 72475	662-719-3157	<i>armorseed.com</i>
Bayer	Bayer Crop Science Research Triangle Park, NC 27709	870-704-9879	<i>bayer.com</i>
Beck's	Beck's Hybrids Atlanta, IN 46031	800-937-2325	<i>beckshybrids.com</i>
Delta Grow	Delta Grow Seed England, AR 72046	501-842-2572	<i>deltagrow.net</i>
Dyna-Gro	Dyna-Gro Seed / Crop Production Services Columbus, OH 43228	614-620-5008	<i>dynagroseed.com</i>
GoSoy	Stratton Seed Stuttgart, AR 72160	800-264-4433	<i>gostrattonseed.com</i>
Green Valley	Green Valley Seed Kohoka, MO 63445	660-727-3341	<i>gvseed.com</i>
FS HiSOY	GROWMARK, Inc. Bloomington, IL 61701	309-557-6000	<i>fsseeds.com</i>
Hefty	Hefty Seed Co. Hayti, MO 63851	573-359-0765	<i>heftyseed.com</i>
Hoblit	Burrus Seed Jacksonville, IL 62650	217-997-5511	<i>burrusseed.com</i>
Hoegemeyer	Hoegemeyer Hooper, NE 68031	402-654-3399	<i>therightseed.com</i>
LG	LG Seeds Elmwood, IL 61529	309-742-2211	<i>lgseeds.com</i>
MFS	Missouri Foundation Seeds Columbia, MO 65201	573-884-7333	
Midland	Midland Genetics Ottawa, KS 66067	800-819-7333	<i>midlandgenetics.com</i>
Momentum	Missouri Crop Improvement Association Columbia, MO 65201	573-449-0586	<i>mocrop.org</i>
MorSoy	MFA Incorporated Columbia, MO 65201	573-876-5363	<i>mfaseed.com</i>
Mycogen	Mycogen Seeds Indianapolis, IN 46268	816-273-8850	<i>mycogen.com</i>
NuTech	NuTech Seed, LLC Ames, IA 50010	800-942-6748	<i>yieldleader.com</i>
Power Plus	Burrus Hybrids Jacksonville, IL 62650	217-997-5511	<i>burrusseed.com</i>

Variety	Company and address	Phone	URL
Progeny	Progeny Ag Products Wynne, AR 72396	800-238-2079	<i>progenyag.com</i>
ProHarvest	Burchett Seed Service Higginsville, MO 64037	660-641-2705	<i>burchettseed.com</i>
Syngenta	Syngenta Seeds Minnetonka, MN 55305	270-519-9600	<i>syngenta.com</i>
Terral Seed REV	Terral Seed, Inc. Rayville, LA 71269	318-231-8800	<i>terralseed.com</i>
USG	UniSouth Genetics, Inc. Dickson, TN 37055	800-505-3133	<i>usgseed.com</i>
Willcross	Willcross Seed Garden City, MO 64747	816-862-8203	<i>willcrossseed.com</i>

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