

MISSOURI CROP  
PERFORMANCE

2014

*soybean*

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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, wheat and grain sorghum. Current staff members have a total of over 100 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; 573-882-2307). The MU Variety Testing Program exists to serve your needs. We want to provide you with the best information possible.



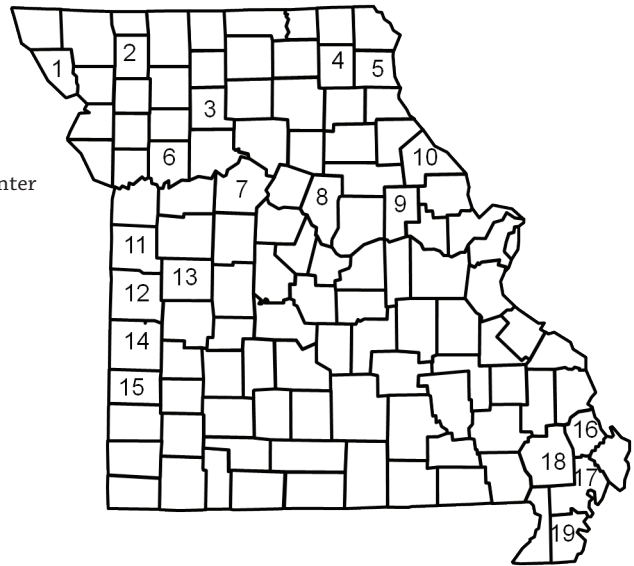
**William “Bill” Wiebold**

# PROCEDURES

## Regions and Locations

The MU Variety Testing Program divides the soybean growing region of Missouri into four regions: North, Central, Southeast, and Southwest. Each region contains five locations, and the same varieties are tested in all locations within a region. Locations for 2014 are as follows:

1. **Craig** (Holt County); Steve Cunningham Farm
2. **Albany** (Gentry County); Hundley-Whaley Research Center
3. **Mooreville** (Livingston County); Beetsma farm
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 and Extension Center
9. **Truxton** (Montgomery County); Roy Cope Farm
10. **Annada** (Pike County.); Bob Burkemper Farm
11. **Harrisonville** (Cass County); Roth Farm
12. **Adrian** (Bates County); Darrel Tenholder Farm
13. **Urich** (Henry County); Kurt Gretzinger Farm
14. **Nevada** (Vernon County); Steve Cabbage Farm
15. **Lamar** (Barton County); Wally Norton Farm
16. **Chaffee** (Scott County); Martin Eftink Farm
17. **Morehouse** (New Madrid County); Tom Jennings Farm
18. **New Madrid** (New Madrid County) Peter Rost Farm
19. **Portageville Loam** (Pemiscot County); Delta Research Center
19. **Portageville Clay** (Pemiscot County); Delta Research Center



## Entries

All seed companies and organizations were eligible to enter the 2014 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 2014 crop performance tests are available in print format and online at "[varietytesting.missouri.edu](http://varietytesting.missouri.edu)". If you need assistance in accessing the web site or would like to receive a printed copy please call 573-882-2307.

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## NORTH REGION

### CROP MANAGEMENT SUMMARY for 2014

The Soybean Test was conducted at five locations in the North Region (Craig, Albany, Mooresville, Novelty, Canton).

#### Characteristics of the Soybean Test Locations - NORTH REGION

Location	Soil Type	Soil Test				Precipitation					
		pH	OM	P	K	May	June	July	Aug	Sep	Season <sup>a</sup>
Albany	Grundy silt loam	6.9	2.6%	97	209	3.4"	10.6"	2.8"	10.8	7.2"	34.8"
Canton	Westerville silt loam	6.7	2.0%	121	478	1.8"	9.1"	6.4"	4.3"	6.4"	28.0"
Craig	Blencoe silt clay	7.6	1.6%	68	700	2.8"	7.5"	2.0"	9.6"	6.6"	28.5"
Mooresville	Grundy silt loam	5.9	2.5%	50	314	1.1"	5.7"	3.1"	7.0"	6.6"	23.5"
Novelty	Putnam silt loam	5.9	2.5%	49	314	1.6"	8.0"	5.3"	7.7"	8.4"	31.0"

<sup>a</sup> Region average season precipitation (May through September) = 29.2", 8.1" above normal.

#### Crop Management Practices at the Soybean Test Locations - NORTH REGION

Location	Dates		Fertilizer			Tillage	Herbicides	
	Planting	Harvest	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		Pre	Post
Albany	June 13	Nov 5	0	50	75	Min.	Dual II Magnum, Sonic, Roundup PowerMax	Select, Basagran
Canton	May 30	Oct 31	0	0	0	Conv.	Dual II Magnum, Sonic, Roundup PowerMax	none
Craig	May 20	Oct 22	0	0	0	Conv.	Dual II Magnum, Sonic, Roundup PowerMax	none
Mooresville	May 29	Nov 6	0	0	150	Min.	Dual II Magnum, Sonic, Roundup PowerMax	none
Novelty	May 28	Nov 3	10	40	70	Min.	Dual II Magnum, Sonic, Roundup PowerMax	none



# Albany North Region

## SOYBEAN TEST - MATURITY GROUP 3

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
Merschman Garfield 1439RR2	63.0**	3.9	1	41
HS 39A22	62.9*	3.9	1	42
Willcross WX2374N	62.2*	3.7	1	39
NuTech/G2 Genetics 7384	59.5*	3.8	1	44
Asgrow AG3934	59.4*	3.9	1	41
ProHarvest 3971CR2Y	59.0*	3.9	1	40
Midland 3925NR2	58.4*	3.9	1	40
MorSoy 39x14	58.3*	3.9	1	42
Lewis 375R2	58.2*	3.7	1	40
Merschman Roosevelt 1535RR2	58.0*	3.5	1	38
Merschman Eisenhower 1537RR2	57.7*	3.7	1	42
LG Seeds C3989R2	57.3	3.8	1	38
MorSoy LL 3944	57.2	3.9	1	38
Mycogen 5N393R2	57.1	3.9	1	42
Asgrow AG3832	57.0	3.8	1	39
Midland 3983NR2	56.7	3.9	2	40
Willcross RY2394N	56.7	3.9	1	41
Dyna-Gro S39RY65	56.6	3.9	1	36
Merschman Jackson 1536RR2	56.6	3.6	1	41
Midland 3685NR2	56.2	3.6	1	40
NuTech/G2 Genetics 7360	56.2	3.6	1	43
HS 37A42	55.9	3.7	1	39
Willcross WX2344N	55.5	3.4	1	38
MorSoy 37x24	55.2	3.7	1	40
NK S39-U2 Brand	55.2	3.9	1	38
Asgrow AG3432	55.0	3.4	2	40
Asgrow AG3735	54.9	3.7	1	39
HS 39A42	54.7	3.9	1	39
Green Valley GV395	54.6	3.9	1	42
Power Plus 37N5	54.6	3.7	1	42
Merschman Madison 1539LL	54.5	3.9	1	39
Power Plus 36J3	54.3	3.6	1	40
Merschman Grant 1536LL	54.1	3.6	1	38
Bayer BX 3945 LL	53.9	3.9	1	39
Hoblit 384LL	53.9	3.8	1	37
Merschman Adams 1434LL	53.8	3.4	1	38
HS 38A32	53.4	3.8	1	41
NK S36-M8 Brand	53.4	3.6	2	39
Power Plus 39R5	53.2	3.9	1	40
Beck 379L4	53.1	3.7	1	39

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Beck 354L4	53.0	3.5	1	39
Willcross WX2354N	53.0	3.5	1	41
Mycogen 5N361R2	52.8	3.6	1	42
Mycogen 5N372R2	52.8	3.7	1	40
NK S38-W4 Brand	52.8	3.8	1	42
MorSoy Exp 34414	52.7	3.4	1	40
ProHarvest 3846CR2Y	52.7	3.8	1	40
Green Valley GV385	52.6	3.8	1	39
Merschman Jefferson 1436LL	52.4	3.6	1	39
Dyna-Gro S36RY24	52.0	3.6	1	40
Midland 3855NR2	52.0	3.8	1	42
Willcross WX2364N	51.9	3.6	1	39
Hoblit 355LL	51.8	3.5	1	38
Power Plus 39B3	51.8	3.9	1	42
Willcross RY2363N	51.8	3.6	1	39
Mycogen 5N385R2	51.7	3.8	1	39
Merschman Washington 1438RR2	51.6	3.8	1	40
Bayer BX 3771 RY	51.5	3.7	1	39
Beck 337L4	51.3	3.3	2	42
Merschman Hayes 1535RR2	51.3	3.5	1	40
MorSoy LL 3704	51.2	3.7	1	38
MOSEP 34774	51.0	3.4	2	41
Bayer BX 3841 LL	50.7	3.8	1	39
Mycogen 5N373R2	50.5	3.7	2	41
Willcross RY2373N	50.4	3.7	2	37
LG Seeds C3555R2	50.3	3.5	1	40
MorSoy 36x63	50.3	3.6	1	41
MOSEP 38944	50.3	3.8	2	38
NuTech/G2 Genetics 7357R2	50.3	3.5	1	41
NK S35-A5 Brand	50.1	3.5	1	42
MorSoy 34x34	49.9	3.4	1	40
NuTech/G2 Genetics 7346	49.9	3.4	1	38
Beck 349L4	49.8	3.4	1	39
Dyna-Gro S38RY84	49.8	3.8	2	38
Midland 3775NR2	49.8	3.7	1	39
HS 34A42	49.6	3.4	1	42
Beck 366L4	49.2	3.6	1	39
Lewis 374R2	49.2	3.7	1	39
HS 36A42	49.0	3.6	1	40
MorSoy Exp 36814	49.0	3.6	1	37

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Willcross RY2398N	48.8	3.9	1	40
Dyna-Gro S35RS75	48.7	3.5	1	38
Power Plus 34T3	48.7	3.4	1	41
Merschman Kennedy 1436RR2	48.6	3.6	1	40
NK S34-Z1 Brand	48.4	3.4	1	41
Bayer BX 3560 RY	48.3	3.5	1	40
Merschman Filmore 1534LL	48.1	3.4	1	38
Merschman Truman 1438LL	47.8	3.8	1	37
Bayer BX 3233 LL	45.9	3.2	1	42
Bayer BX 2810 LL	45.4	2.8	2	40
eMerge e3782S	43.6	3.7	1	36
Bayer BX 3539 LL	42.4	3.5	1	38
eMerge 389F.YC	39.9	3.8	1	38
eMerge e3553	39.2	3.5	1	38
<b>GRAND MEAN</b>	<b>52.5</b>		<b>1</b>	<b>40</b>
<b>LSD (10%)</b>	<b>5.6</b>			
<b>CV (%)</b>	<b>7.9</b>			

\*\* 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 and 5 = more than 80% plants lodged

# Albany North Region

## SOYBEAN TEST - MATURITY GROUP 4

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
Merschman Memphis 1243RR2Y	63.1**	4.3	1	42
Midland 4373NR2	59.8*	4.3	1	41
NuTech/G2 Genetics 7465	58.8*	4.6	1	43
Lewis 423R2	58.7*	4.2	1	44
NuTech/G2 Genetics 7407	56.2*	4.0	1	40
Asgrow AG4135	55.6	4.1	1	41
NuTech/G2 Genetics 3427L	55.6	4.2	1	40
Dyna-Gro 39RY43	55.2	4.3	1	44
Merschman Norfolk 1541LL	55.2	4.1	1	40
Merschman Phoenix 1545RR2	53.9	4.5	1	42
NuTech/G2 Genetics 7436R2	53.9	4.3	1	44
Asgrow AG4232	53.8	4.2	1	43
NuTech/G2 Genetics 7414	53.5	4.1	1	40
Merschman Austin 1342LL	52.7	4.2	1	40
Merschman Denver 1540RR2	52.6	4.0	1	39
Green Valley GV405	52.5	4.0	1	43
MorSoy 43x53	52.2	4.3	1	43
Midland 4044NR2	52.1	4.0	1	39
Lewis 414R2	51.6	4.1	1	41
Dyna-Gro S40RY25	51.4	4.0	1	41
Hoblit 405LL	49.3	4.0	1	38
NK S40-N2 Brand	49.3	4.0	1	42
Merschman Tampa 1545LL	48.9	4.5	1	40
Merschman Richmond 1442RR2	48.2	4.2	1	39
SA11-9446	47.8	4.0	2	38
NK S42-W9 Brand	47.6	4.2	1	39
SA11-10182	46.7	4.0	1	42
Asgrow AG4034	45.6	4.0	1	37
MPV 4238N	44.0	4.2	1	40
S10-11227	41.5	4.1	1	39
Merschman Orlando 1346LL	39.5	4.6	1	41
<b>GRAND MEAN</b>	<b>51.6</b>		<b>1</b>	<b>41</b>
<b>LSD (10%)</b>	<b>5.6</b>			
<b>CV (%)</b>	<b>8.0</b>			

\*\* 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 and 5 = more than 80% plants lodged

# Canton North Region

## SOYBEAN TEST - MATURITY GROUP 3

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
Hoblit 384LL	56.4**	3.8	1	45
Beck 354L4	55.2*	3.5	1	42
NK S39-U2 Brand	54.4*	3.9	1	46
Power Plus 36J3	54.1*	3.6	1	48
NK S34-Z1 Brand	54.0*	3.4	2	46
Beck 366L4	53.6*	3.6	1	42
Merschman Adams 1434LL	53.6*	3.4	1	40
MOSEP 38944	53.2*	3.8	2	40
NK S38-W4 Brand	52.4*	3.8	1	46
NuTech/G2 Genetics 7360	52.4*	3.6	1	46
Mycogen 5N361R2	52.3*	3.6	1	49
Hoblit 355LL	51.8*	3.5	1	44
Asgrow AG3832	51.7*	3.8	1	44
HS 38A32	51.3*	3.8	2	46
MorSoy 36x63	51.2*	3.6	1	48
Mycogen 5N373R2	51.1*	3.7	2	44
MorSoy 37x24	50.8*	3.7	1	44
MorSoy Exp 36814	50.5*	3.6	2	47
Power Plus 39R5	50.4*	3.9	2	42
Merschman Eisenhower 1537RR2	50.3*	3.7	1	47
Power Plus 34T3	50.2*	3.4	1	47
Asgrow AG3432	50.0*	3.4	2	47
Bayer BX 2810 LL	50.0*	2.8	2	43
Merschman Kennedy 1436RR2	50.0*	3.6	1	48
NuTech/G2 Genetics 7384	49.7*	3.8	1	49
MorSoy 39x14	49.5*	3.9	1	47
NK S36-M8 Brand	49.0	3.6	2	46
Power Plus 39B3	49.0	3.9	1	48
Midland 3983NR2	48.9	3.9	2	48
Merschman Garfield 1439RR2	48.8	3.9	1	45
Beck 379L4	48.6	3.7	1	47
Mycogen 5N393R2	48.6	3.9	1	47
MorSoy Exp 34414	48.2	3.4	1	46
Midland 3685NR2	47.7	3.6	1	46
NuTech/G2 Genetics 7357R2	47.7	3.5	1	44
Bayer BX 3841 LL	47.6	3.8	2	47
Dyna-Gro S38RY84	47.5	3.8	1	41
Power Plus 37N5	47.4	3.7	1	45
Asgrow AG3934	47.0	3.9	1	46
Midland 3925NR2	47.0	3.9	1	47

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Willcross WX2374N	47.0	3.7	1	45
Merschman Roosevelt 1535RR2	46.9	3.5	1	47
LG Seeds C3989R2	46.4	3.8	1	46
Midland 3775NR2	46.4	3.7	2	47
Merschman Truman 1438LL	46.2	3.8	1	42
Midland 3855NR2	46.2	3.8	1	48
Dyna-Gro S36RY24	46.0	3.6	1	47
HS 39A42	45.9	3.9	1	44
HS 39A22	45.8	3.9	1	48
Willcross RY2394N	45.8	3.9	1	46
MorSoy 34x34	45.7	3.4	1	47
Mycogen 5N385R2	45.7	3.8	1	50
Beck 349L4	45.6	3.4	2	46
LG Seeds C3555R2	45.5	3.5	1	43
Merschman Hayes 1535RR2	45.4	3.5	1	44
Bayer BX 3771 RY	45.3	3.7	1	42
Asgrow AG3735	45.1	3.7	1	41
MorSoy LL 3944	44.7	3.9	1	45
ProHarvest 3971CR2Y	44.5	3.9	1	45
Willcross RY2363N	44.5	3.6	1	47
Willcross RY2373N	44.4	3.7	2	48
Green Valley GV395	44.3	3.9	1	47
Beck 337L4	44.2	3.3	2	44
Merschman Jefferson 1436LL	44.1	3.6	1	41
Bayer BX 3233 LL	44.0	3.2	2	43
Lewis 375R2	43.7	3.7	1	45
Willcross WX2364N	43.7	3.6	1	47
NK S35-A5 Brand	43.5	3.5	1	43
ProHarvest 3846CR2Y	43.4	3.8	1	47
Lewis 374R2	43.3	3.7	1	45
Dyna-Gro S35RS75	43.2	3.5	2	44
HS 34A42	43.1	3.4	1	42
HS 37A42	43.1	3.7	2	42
NuTech/G2 Genetics 7346	43.1	3.4	1	47
Merschman Grant 1536LL	43.0	3.6	1	48
HS 36A42	42.5	3.6	1	48
Merschman Filmore 1534LL	42.3	3.4	1	39
Willcross WX2344N	42.3	3.4	1	43
Willcross WX2354N	42.0	3.5	1	46
MorSoy LL 3704	41.9	3.7	1	47

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Merschman Washington 1438RR2	41.7	3.8	1	45
Mycogen 5N372R2	41.7	3.7	1	46
Green Valley GV385	41.3	3.8	1	47
Merschman Jackson 1536RR2	39.9	3.6	1	48
Merschman Madison 1539LL	39.8	3.9	1	46
Dyna-Gro S39RY65	38.8	3.9	1	45
Bayer BX 3945 LL	38.7	3.9	1	43
eMerge 389F.YC	38.0	3.8	2	45
eMerge e3553	36.9	3.5	1	42
Willcross RY2398N	36.8	3.9	2	45
Bayer BX 3560 RY	36.5	3.5	1	46
MOSEP 34774	35.3	3.4	2	45
Bayer BX 3539 LL	35.1	3.5	1	39
eMerge e3782S	31.0	3.7	1	40
<b>GRAND MEAN</b>	<b>46.0</b>		<b>1</b>	<b>45</b>
<b>LSD (10%)</b>	<b>6.9</b>			
<b>CV (%)</b>	<b>11.0</b>			

\*\* 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 and 5 = more than 80% plants lodged

# Canton North Region

## SOYBEAN TEST - MATURITY GROUP 4

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
Merschman Norfolk 1541LL	54.0**	4.1	1	46
NuTech/G2 Genetics 7414	53.7*	4.1	1	47
NuTech/G2 Genetics 7465	53.7*	4.6	1	47
NuTech/G2 Genetics 7436R2	53.6*	4.3	1	50
NuTech/G2 Genetics 7407	52.6*	4.0	1	42
Midland 4044NR2	52.2*	4.0	1	48
Asgrow AG4135	50.3*	4.1	1	47
MorSoy 43x53	49.5*	4.3	1	48
Merschman Phoenix 1545RR2	49.4*	4.5	2	45
Green Valley GV405	49.1*	4.0	2	47
Lewis 414R2	48.1*	4.1	2	45
NuTech/G2 Genetics 3427L	48.0*	4.2	1	47
Midland 4373NR2	47.1	4.3	1	46
Dyna-Gro S40RY25	47.0	4.0	1	49
NK S42-W9 Brand	46.7	4.2	1	44
Asgrow AG4034	46.2	4.0	1	42
Merschman Denver 1540RR2	45.9	4.0	1	43
Lewis 423R2	45.3	4.2	2	42
Dyna-Gro 39RY43	44.7	4.3	2	47
Merschman Richmond 1442RR2	44.2	4.2	1	47
Merschman Austin 1342LL	43.5	4.2	1	49
Asgrow AG4232	43.3	4.2	2	50
Merschman Memphis 1243RR2Y	42.9	4.3	2	47
NK S40-N2 Brand	41.4	4.0	1	46
MPV 4238N	40.1	4.2	1	47
Merschman Tampa 1545LL	37.6	4.5	1	47
Hoblit 405LL	37.4	4.0	1	46
SA11-9446	31.3	4.0	3	43
Merschman Orlando 1346LL	30.6	4.6	1	45
S10-11227	30.4	4.1	1	46
SA11-10182	27.8	4.0	2	48
<b>GRAND MEAN</b>	<b>45.2</b>		<b>1</b>	<b>46</b>
<b>LSD (10%)</b>	<b>6.8</b>			
<b>CV (%)</b>	<b>11.0</b>			

\*\* 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 and 5 = more than 80% plants lodged



# Craig North Region

## SOYBEAN TEST - MATURITY GROUP 3

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
MOSEP 38944	77.4**	3.8	1	35
Midland 3983NR2	73.8*	3.9	1	39
Midland 3925NR2	71.7*	3.9	1	35
Hoblit 355LL	70.7*	3.5	1	35
Hoblit 384LL	69.9*	3.8	1	35
NK S38-W4 Brand	69.1	3.8	1	38
HS 39A22	68.5	3.9	1	37
NuTech/G2 Genetics 7384	68.5	3.8	1	39
Mycogen 5N373R2	67.9	3.7	1	36
Dyna-Gro S38RY84	67.8	3.8	1	35
Mycogen 5N393R2	67.8	3.9	1	36
NK S35-A5 Brand	67.6	3.5	1	39
MorSoy 39x14	67.5	3.9	1	34
NK S36-M8 Brand	67.4	3.6	1	35
HS 39A42	66.5	3.9	1	34
Power Plus 39B3	66.4	3.9	1	37
Willcross WX2374N	66.3	3.7	1	35
Beck 366L4	66.0	3.6	1	35
Merschman Eisenhower 1537RR2	65.9	3.7	1	39
Merschman Washington 1438RR2	65.8	3.8	1	38
Midland 3775NR2	65.8	3.7	1	38
Bayer BX 3771 RY	64.7	3.7	1	38
Power Plus 39R5	64.4	3.9	1	33
Asgrow AG3934	64.3	3.9	1	34
NuTech/G2 Genetics 7360	64.3	3.6	1	34
Lewis 375R2	63.9	3.7	1	38
HS 36A42	63.7	3.6	1	35
NK S39-U2 Brand	63.6	3.9	1	34
Beck 354L4	63.4	3.5	1	32
Merschman Hayes 1535RR2	63.3	3.5	1	36
Merschman Jackson 1536RR2	63.3	3.6	1	36
Beck 337L4	63.2	3.3	1	34
Merschman Adams 1434LL	63.0	3.4	1	33
MorSoy 36x63	62.7	3.6	1	35
MOSEP 34774	62.7	3.4	1	37
Asgrow AG3432	62.6	3.4	1	33
MorSoy Exp 36814	62.5	3.6	1	35
NK S34-Z1 Brand	62.5	3.4	1	35
Willcross RY2373N	62.4	3.7	1	37
Merschman Truman 1438LL	62.1	3.8	1	34

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Midland 3685NR2	62.1	3.6	1	38
MorSoy 37x24	61.9	3.7	1	37
Power Plus 37N5	61.9	3.7	1	32
HS 38A32	61.4	3.8	1	34
LG Seeds C3989R2	61.3	3.8	1	38
Willcross RY2394N	61.2	3.9	1	36
Bayer BX 3841 LL	60.5	3.8	1	37
Midland 3855NR2	60.5	3.8	1	38
ProHarvest 3971CR2Y	60.5	3.9	1	37
Green Valley GV395	60.3	3.9	1	35
Dyna-Gro S36RY24	59.9	3.6	1	38
Merschman Jefferson 1436LL	59.8	3.6	1	36
Power Plus 36J3	59.6	3.6	1	38
Merschman Garfield 1439RR2	59.2	3.9	1	36
Beck 379L4	58.7	3.7	1	34
Merschman Kennedy 1436RR2	58.6	3.6	1	34
ProHarvest 3846CR2Y	58.6	3.8	1	38
NuTech/G2 Genetics 7346	58.1	3.4	1	35
Bayer BX 3233 LL	57.9	3.2	1	34
Asgrow AG3832	57.6	3.8	1	36
Mycogen 5N361R2	57.5	3.6	1	36
Beck 349L4	57.4	3.4	1	36
Lewis 374R2	57.4	3.7	1	35
Green Valley GV385	57.2	3.8	1	38
Merschman Grant 1536LL	56.9	3.6	1	31
MorSoy LL 3944	56.4	3.9	1	37
Dyna-Gro S39RY65	56.3	3.9	1	35
HS 37A42	56.2	3.7	1	36
eMerge e3782S	55.0	3.7	1	35
MorSoy LL 3704	54.7	3.7	1	34
Willcross WX2354N	54.6	3.5	1	35
Willcross WX2364N	54.3	3.6	1	31
Bayer BX 3560 RY	54.0	3.5	1	34
Power Plus 34T3	53.9	3.4	1	37
NuTech/G2 Genetics 7357R2	53.7	3.5	1	35
Asgrow AG3735	53.6	3.7	1	30
Bayer BX 2810 LL	52.7	2.8	1	33
Dyna-Gro S35RS75	52.6	3.5	1	32
eMerge e3553	52.4	3.5	1	37
Mycogen 5N385R2	51.0	3.8	1	38

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Merschman Madison 1539LL	50.9	3.9	1	37
Bayer BX 3945 LL	49.4	3.9	1	35
MorSoy 34x34	48.0	3.4	1	34
Willcross RY2363N	47.4	3.6	1	34
Willcross WX2344N	47.3	3.4	1	31
LG Seeds C3555R2	46.9	3.5	1	34
Willcross RY2398N	46.3	3.9	1	37
Merschman Filmore 1534LL	45.8	3.4	1	34
eMerge 389FYC	45.7	3.8	1	36
Merschman Roosevelt 1535RR2	45.5	3.5	1	36
HS 34A42	45.2	3.4	1	36
Bayer BX 3539 LL	43.7	3.5	1	27
MorSoy Exp 34414	42.0	3.4	1	37
Mycogen 5N372R2	41.5	3.7	1	35
<b>GRAND MEAN</b>	<b>59.5</b>		<b>1</b>	<b>35</b>
<b>LSD (10%)</b>	<b>7.9</b>			
<b>CV (%)</b>	<b>9.8</b>			

\*\* 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 and 5 = more than 80% plants lodged

# Craig North Region

## SOYBEAN TEST - MATURITY GROUP 4

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
Merschman Memphis 1243RR2Y	78.5	4.3	1	39
Midland 4373NR2	74.8	4.3	1	38
Asgrow AG4135	71.9	4.1	1	42
Lewis 423R2	69.0	4.2	1	38
NuTech/G2 Genetics 7407	67.7	4.0	1	39
Merschman Orlando 1346LL	67.5	4.6	1	40
Merschman Phoenix 1545RR2	67.5	4.5	1	36
Asgrow AG4232	67.2	4.2	1	40
Dyna-Gro S40RY25	66.1	4.0	1	40
NuTech/G2 Genetics 7465	65.4	4.6	1	38
Merschman Norfolk 1541LL	65.0	4.1	1	37
Merschman Richmond 1442RR2	65.0	4.2	1	42
Lewis 414R2	64.2	4.1	1	38
Dyna-Gro 39RY43	63.9	4.3	1	36
Midland 4044NR2	63.8	4.0	1	38
Green Valley GV405	63.7	4.0	1	38
NuTech/G2 Genetics 7436R2	63.1	4.3	1	37
NuTech/G2 Genetics 3427L	62.9	4.2	1	36
Asgrow AG4034	62.7	4.0	1	37
Merschman Austin 1342LL	62.3	4.2	1	38
Merschman Tampa 1545LL	60.2	4.5	1	41
NK S42-W9 Brand	59.9	4.2	1	35
MorSoy 43x53	59.2	4.3	1	34
S10-11227	58.0	4.1	1	41
Hoblit 405LL	57.7	4.0	1	37
Merschman Denver 1540RR2	56.9	4.0	1	38
SA11-9446	55.9	4.0	1	42
MPV 4238N	55.3	4.2	1	41
SA11-10182	55.3	4.0	1	37
NuTech/G2 Genetics 7414	51.5	4.1	1	36
NK S40-N2 Brand	51.2	4.0	1	36
<b>GRAND MEAN</b>	<b>62.4</b>		<b>1</b>	<b>38</b>
<b>LSD (10%)</b>	<b>7.3</b>			
<b>CV (%)</b>	<b>8.6</b>			

\*\* 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 and 5 = more than 80% plants lodged

# Mooresville North Region

## SOYBEAN TEST - MATURITY GROUP 3

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
MorSoy 39x14	73.7**	3.9	1	41
Willcross WX2364N	71.8*	3.6	1	42
HS 39A42	71.7*	3.9	1	40
Midland 3685NR2	70.6*	3.6	1	41
Mycogen 5N393R2	70.5*	3.9	1	41
Asgrow AG3735	70.4*	3.7	1	39
HS 38A32	69.7*	3.8	1	41
Dyna-Gro S38RY84	68.9*	3.8	1	39
Green Valley GV395	68.8*	3.9	1	39
HS 34A42	68.8*	3.4	1	40
Beck 337L4	68.7*	3.3	1	37
MOSEP 38944	68.7*	3.8	1	36
HS 36A42	68.5*	3.6	1	38
LG Seeds C3989R2	67.9*	3.8	1	39
Lewis 374R2	67.4*	3.7	1	42
Power Plus 39B3	67.4*	3.9	1	40
Merschman Madison 1539LL	67.3*	3.9	1	39
Willcross RY2373N	67.3*	3.7	1	36
LG Seeds C3555R2	67.0	3.5	1	38
NuTech/G2 Genetics 7357R2	67.0	3.5	1	40
NK S36-M8 Brand	66.8	3.6	1	38
Merschman Washington 1438RR2	66.7	3.8	1	41
Midland 3983NR2	66.7	3.9	1	40
NuTech/G2 Genetics 7384	66.7	3.8	1	42
Willcross RY2394N	66.5	3.9	1	40
NK S39-U2 Brand	66.2	3.9	1	39
Bayer BX 3841 LL	66.0	3.8	1	39
Beck 366L4	66.0	3.6	1	39
Merschman Kennedy 1436RR2	65.8	3.6	1	40
NuTech/G2 Genetics 7346	65.8	3.4	1	37
Asgrow AG3432	65.7	3.4	1	38
HS 37A42	65.6	3.7	1	42
Mycogen 5N361R2	65.6	3.6	1	41
Mycogen 5N373R2	65.5	3.7	1	39
Asgrow AG3934	65.4	3.9	1	38
Beck 379L4	65.2	3.7	1	37
Midland 3855NR2	65.1	3.8	1	40
MorSoy Exp 36814	64.9	3.6	1	38
MorSoy LL 3944	64.9	3.9	1	39
Asgrow AG3832	64.5	3.8	1	37

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
NK S34-Z1 Brand	64.5	3.4	1	39
Midland 3775NR2	63.9	3.7	1	37
MorSoy 36x63	63.9	3.6	1	40
Bayer BX 3560 RY	63.8	3.5	1	39
Merschman Grant 1536LL	63.7	3.6	1	37
Dyna-Gro S36RY24	63.5	3.6	1	37
Merschman Roosevelt 1535RR2	63.5	3.5	1	40
ProHarvest 3846CR2Y	63.5	3.8	1	42
Dyna-Gro S35RS75	63.4	3.5	1	39
Power Plus 39R5	63.3	3.9	1	39
Midland 3925NR2	63.0	3.9	1	40
MorSoy 34x34	63.0	3.4	1	38
Merschman Filmore 1534LL	62.9	3.4	1	39
Willcross WX2374N	62.9	3.7	1	39
Willcross WX2344N	62.7	3.4	1	36
Merschman Jackson 1536RR2	62.5	3.6	1	40
Green Valley GV385	62.4	3.8	1	41
Merschman Hayes 1535RR2	62.3	3.5	1	37
Mycogen 5N385R2	62.2	3.8	1	39
Bayer BX 2810 LL	62.0	2.8	1	34
MorSoy 37x24	61.8	3.7	1	39
Willcross WX2354N	61.7	3.5	1	37
Hoblit 384LL	61.6	3.8	1	38
Merschman Adams 1434LL	61.6	3.4	1	36
Mycogen 5N372R2	61.3	3.7	1	39
NK S38-W4 Brand	61.2	3.8	1	42
Beck 354L4	61.0	3.5	1	35
HS 39A22	61.0	3.9	1	40
MorSoy Exp 34414	60.8	3.4	1	40
Merschman Garfield 1439RR2	60.4	3.9	1	42
Willcross RY2363N	60.4	3.6	1	38
Hoblit 355LL	60.2	3.5	1	36
eMerge 389F.YC	59.9	3.8	1	39
NuTech/G2 Genetics 7360	59.9	3.6	1	39
Bayer BX 3771 RY	59.3	3.7	1	38
ProHarvest 3971CR2Y	58.8	3.9	1	40
MOSEP 34774	58.5	3.4	1	39
Merschman Eisenhower 1537RR2	58.4	3.7	1	42
Power Plus 34T3	58.4	3.4	1	39
Merschman Truman 1438LL	58.3	3.8	1	38

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Dyna-Gro S39RY65	57.9	3.9	1	40
Power Plus 37N5	57.9	3.7	1	39
Lewis 375R2	57.5	3.7	1	40
Power Plus 36J3	57.5	3.6	1	41
Willcross RY2398N	57.2	3.9	1	40
Bayer BX 3233 LL	56.8	3.2	1	37
eMerge e3782S	56.7	3.7	1	36
Bayer BX 3945 LL	56.1	3.9	1	40
NK S35-A5 Brand	56.1	3.5	1	39
MorSoy LL 3704	55.9	3.7	1	35
Merschman Jefferson 1436LL	53.5	3.6	1	38
Beck 349L4	53.2	3.4	1	38
eMerge e3553	48.6	3.5	1	37
Bayer BX 3539 LL	48.5	3.5	1	35
<b>GRAND MEAN</b>	<b>63.4</b>		<b>1</b>	<b>39</b>
<b>LSD (10%)</b>	<b>6.6</b>			
<b>CV (%)</b>	<b>7.7</b>			

\*\* 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 and 5 = more than 80% plants lodged

# Mooresville North Region

## SOYBEAN TEST - MATURITY GROUP 4

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
Midland 4373NR2	81.7**	4.3	1	43
Merschman Phoenix 1545RR2	77.9*	4.5	1	44
Dyna-Gro 39RY43	77.3*	4.3	1	40
NuTech/G2 Genetics 7414	74.3*	4.1	1	44
Merschman Memphis 1243RR2Y	72.6	4.3	1	43
Lewis 423R2	71.8	4.2	1	40
Asgrow AG4135	71.7	4.1	1	40
Lewis 414R2	71.6	4.1	1	40
NuTech/G2 Genetics 7436R2	71.4	4.3	1	40
Green Valley GV405	69.5	4.0	1	42
NuTech/G2 Genetics 7407	69.2	4.0	1	39
NuTech/G2 Genetics 3427L	68.5	4.2	1	42
Asgrow AG4232	68.0	4.2	1	43
Dyna-Gro S40RY25	67.7	4.0	1	40
Asgrow AG4034	67.2	4.0	1	40
Merschman Norfolk 1541LL	67.1	4.1	1	38
Merschman Denver 1540RR2	66.7	4.0	1	38
Midland 4044NR2	65.6	4.0	1	39
NuTech/G2 Genetics 7465	65.6	4.6	1	41
Merschman Austin 1342LL	65.1	4.2	1	42
SA11-9446	64.9	4.0	1	41
Hoblit 405LL	64.5	4.0	1	40
NK S40-N2 Brand	64.5	4.0	1	38
MPV 4238N	64.2	4.2	1	41
Merschman Richmond 1442RR2	63.8	4.2	1	43
NK S42-W9 Brand	63.2	4.2	1	39
MorSoy 43x53	63.1	4.3	1	41
S10-11227	62.8	4.1	1	43
Merschman Tampa 1545LL	61.4	4.5	1	41
Merschman Orlando 1346LL	58.5	4.6	1	42
SA11-10182	57.9	4.0	1	42
<b>GRAND MEAN</b>	<b>67.5</b>		<b>1</b>	<b>41</b>
<b>LSD (10%)</b>	<b>7.7</b>			
<b>CV (%)</b>	<b>8.3</b>			

\*\* 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 and 5 = more than 80% plants lodged



# Novelty North Region

## SOYBEAN TEST - MATURITY GROUP 3

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
LG Seeds C3989R2	69.0**	3.8	2	39
Midland 3983NR2	67.8*	3.9	1	37
NuTech/G2 Genetics 7384	67.4*	3.8	1	37
NK S39-U2 Brand	64.8*	3.9	2	38
Hoblit 384LL	64.6*	3.8	1	36
Merschman Madison 1539LL	64.0*	3.9	1	36
HS 38A32	63.4*	3.8	1	35
Dyna-Gro S38RY84	63.3*	3.8	1	36
MorSoy LL 3944	63.0*	3.9	1	36
Merschman Garfield 1439RR2	62.9*	3.9	1	37
Mycogen 5N361R2	62.2*	3.6	1	38
Asgrow AG3832	61.9*	3.8	1	35
Merschman Jefferson 1436LL	61.9*	3.6	1	36
Beck 379L4	61.6*	3.7	1	38
Bayer BX 3841 LL	61.5	3.8	1	37
MOSEP 38944	61.4	3.8	1	36
Hoblit 355LL	61.1	3.5	1	35
Mycogen 5N385R2	61.0	3.8	1	35
Merschman Truman 1438LL	60.9	3.8	1	35
Merschman Washington 1438RR2	60.8	3.8	1	39
Green Valley GV395	60.6	3.9	1	39
Midland 3855NR2	60.6	3.8	1	37
Willcross WX2364N	60.6	3.6	1	36
MorSoy 39x14	60.5	3.9	1	37
Beck 366L4	60.4	3.6	1	36
Willcross WX2374N	60.4	3.7	1	38
Merschman Eisenhower 1537RR2	60.2	3.7	1	37
Merschman Adams 1434LL	60.1	3.4	1	36
Mycogen 5N372R2	60.0	3.7	1	38
Lewis 375R2	59.9	3.7	1	37
Beck 354L4	59.7	3.5	1	36
HS 39A22	59.7	3.9	1	39
Midland 3775NR2	59.4	3.7	1	38
Willcross WX2354N	59.4	3.5	1	36
Midland 3925NR2	59.3	3.9	2	39
Mycogen 5N373R2	59.0	3.7	2	35
Merschman Kennedy 1436RR2	58.9	3.6	1	35
MorSoy 36x63	58.6	3.6	1	37
Bayer BX 3771 RY	58.5	3.7	1	36
NK S34-Z1 Brand	58.4	3.4	1	37

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
HS 39A42	58.1	3.9	1	38
NK S36-M8 Brand	58.0	3.6	1	37
Dyna-Gro S36RY24	57.9	3.6	1	36
Asgrow AG3432	57.7	3.4	1	36
Asgrow AG3934	57.5	3.9	1	35
HS 36A42	57.4	3.6	1	37
MorSoy Exp 34414	56.8	3.4	1	36
MorSoy 37x24	56.7	3.7	1	37
Bayer BX 3945 LL	56.6	3.9	1	36
MOSEP 34774	56.6	3.4	2	38
Dyna-Gro S35RS75	56.5	3.5	1	35
Midland 3685NR2	56.3	3.6	1	38
NK S35-A5 Brand	56.2	3.5	1	35
HS 37A42	56.0	3.7	1	37
NuTech/G2 Genetics 7360	56.0	3.6	1	35
HS 34A42	55.9	3.4	1	36
Willcross RY2363N	55.6	3.6	1	36
Green Valley GV385	55.5	3.8	1	36
MorSoy 34x34	55.3	3.4	1	34
NuTech/G2 Genetics 7357R2	55.3	3.5	2	36
Bayer BX 3233 LL	54.8	3.2	1	34
ProHarvest 3971CR2Y	54.8	3.9	1	32
Merschman Hayes 1535RR2	54.4	3.5	1	35
Power Plus 39B3	54.3	3.9	1	39
Lewis 374R2	54.2	3.7	1	38
MorSoy Exp 36814	54.1	3.6	1	34
Bayer BX 2810 LL	53.7	2.8	2	35
Power Plus 39R5	53.7	3.9	1	36
Willcross RY2373N	53.7	3.7	1	37
Merschman Grant 1536LL	53.5	3.6	1	34
Mycogen 5N393R2	53.5	3.9	1	37
Willcross RY2394N	53.3	3.9	1	37
MorSoy LL 3704	53.2	3.7	1	38
Power Plus 36J3	53.1	3.6	1	37
Merschman Roosevelt 1535RR2	53.0	3.5	1	38
Willcross WX2344N	52.3	3.4	1	36
Beck 337L4	51.7	3.3	1	34
NK S38-W4 Brand	51.5	3.8	1	38
Dyna-Gro S39RY65	51.1	3.9	1	36
eMerge e3782S	50.8	3.7	1	35

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Merschman Jackson 1536RR2	50.8	3.6	1	37
Power Plus 37N5	50.8	3.7	1	37
Merschman Filmore 1534LL	50.1	3.4	1	34
Asgrow AG3735	50.0	3.7	1	35
ProHarvest 3846CR2Y	49.5	3.8	1	39
Willcross RY2398N	47.6	3.9	1	38
Bayer BX 3539 LL	47.5	3.5	1	34
NuTech/G2 Genetics 7346	47.4	3.4	1	34
eMerge e3553	45.8	3.5	1	38
Beck 349L4	45.0	3.4	1	34
LG Seeds C3555R2	44.1	3.5	1	36
Bayer BX 3560 RY	43.8	3.5	1	35
Power Plus 34T3	42.0	3.4	1	33
eMerge 389F.YC	39.4	3.8	2	34
<b>GRAND MEAN</b>	<b>56.6</b>		<b>1</b>	<b>36</b>
<b>LSD (10%)</b>	<b>7.4</b>			
<b>CV (%)</b>	<b>9.7</b>			

\*\* 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 and 5 = more than 80% plants lodged

# Novelty North Region

## SOYBEAN TEST - MATURITY GROUP 4

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
Midland 4373NR2	68.9**	4.3	1	38
NuTech/G2 Genetics 3427L	62.9*	4.2	1	39
Lewis 423R2	61.3	4.2	1	35
Merschman Phoenix 1545RR2	59.4	4.5	1	38
Merschman Memphis 1243RR2Y	59.2	4.3	1	39
Midland 4044NR2	58.6	4.0	1	37
NuTech/G2 Genetics 7436R2	58.4	4.3	1	38
Dyna-Gro 39RY43	58.1	4.3	1	38
Hoblit 405LL	58.0	4.0	1	39
Asgrow AG4135	57.4	4.1	1	37
NuTech/G2 Genetics 7414	56.0	4.1	1	37
Merschman Austin 1342LL	55.4	4.2	1	38
Merschman Denver 1540RR2	53.9	4.0	1	37
Dyna-Gro S40RY25	51.7	4.0	1	37
NK S40-N2 Brand	50.5	4.0	1	37
Green Valley GV405	49.6	4.0	1	38
NuTech/G2 Genetics 7465	49.2	4.6	1	39
Lewis 414R2	48.9	4.1	1	38
SA11-10182	48.5	4.0	1	36
Merschman Norfolk 1541LL	47.6	4.1	1	37
Asgrow AG4232	47.4	4.2	1	39
SA11-9446	45.3	4.0	1	38
Asgrow AG4034	45.1	4.0	1	34
NuTech/G2 Genetics 7407	44.8	4.0	1	37
Merschman Tampa 1545LL	44.1	4.5	1	39
MorSoy 43x53	42.6	4.3	1	37
Merschman Richmond 1442RR2	41.7	4.2	1	36
MPV 4238N	38.3	4.2	1	39
NK S42-W9 Brand	38.0	4.2	1	38
S10-11227	36.8	4.1	2	36
Merschman Orlando 1346LL	30.0	4.6	1	39
<b>GRAND MEAN</b>	<b>49.6</b>		<b>1</b>	<b>38</b>
<b>LSD (10%)</b>	<b>7.3</b>			
<b>CV (%)</b>	<b>10.8</b>			

\*\* 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 and 5 = more than 80% plants lodged

## North Region Summary

### SOYBEAN TEST - MATURITY GROUP 3

Brand/Variety	Albany (Bu/Ac)	Canton (Bu/Ac)	Craig (Bu/Ac)	Mooresville (Bu/Ac)	Novelty (Bu/Ac)	Mean (Bu/Ac)
Midland 3983NR2	56.7	48.9	73.8*	66.7	67.8*	62.8**
NuTech/G2 Genetics 7384	59.5*	49.7*	68.5	66.7	67.4*	62.3*
MOSEP 38944	50.3	53.2*	77.4**	68.7*	61.4	62.1*
MorSoy 39x14	58.3*	49.5*	67.5	73.7**	60.5	61.8*
Hoblit 384LL	53.9	56.4**	69.9*	61.6	64.6*	61.2*
NK S39-U2 Brand	55.2	54.4*	63.6	66.2	64.8*	60.8*
LG Seeds C3989R2	57.3	46.4	61.3	67.9*	69.0**	60.3*
HS 38A32	53.4	51.3*	61.4	69.7*	63.4*	59.8*
Midland 3925NR2	58.4*	47.0	71.7*	63.0	59.3	59.8*
Willcross WX2374N	62.2*	47.0	66.3	62.9	60.4	59.7
HS 39A22	62.9*	45.8	68.5	61.0	59.7	59.5
Mycogen 5N393R2	57.1	48.6	67.8	70.5*	53.5	59.5
Dyna-Gro S38RY84	49.8	47.5	67.8	68.9*	63.3*	59.4
HS 39A42	54.7	45.9	66.5	71.7*	58.1	59.4
Hoblit 355LL	51.8	51.8*	70.7*	60.2	61.1	59.1
Beck 366L4	49.2	53.6*	66.0	66.0	60.4	59.0
Merschman Garfield 1439RR2	63.0**	48.8	59.2	60.4	62.9*	58.9
NK S36-M8 Brand	53.4	49.0	67.4	66.8	58.0	58.9
Mycogen 5N373R2	50.5	51.1*	67.9	65.5	59.0	58.8
Asgrow AG3934	59.4*	47.0	64.3	65.4	57.5	58.7
Asgrow AG3832	57.0	51.7*	57.6	64.5	61.9*	58.6
Merschman Eisenhower 1537RR2	57.7*	50.3*	65.9	58.4	60.2	58.5
Midland 3685NR2	56.2	47.7	62.1	70.6*	56.3	58.5
Beck 354L4	53.0	55.2*	63.4	61.0	59.7	58.4
Merschman Adams 1434LL	53.8	53.6*	63.0	61.6	60.1	58.4
Asgrow AG3432	55.0	50.0*	62.6	65.7	57.7	58.2
Mycogen 5N361R2	52.8	52.3*	57.5	65.6	62.2*	58.0
Green Valley GV395	54.6	44.3	60.3	68.8*	60.6	57.7
NuTech/G2 Genetics 7360	56.2	52.4*	64.3	59.9	56.0	57.7
Power Plus 39B3	51.8	49.0	66.4	67.4*	54.3	57.7
NK S34-Z1 Brand	48.4	54.0*	62.5	64.5	58.4	57.5
Beck 379L4	53.1	48.6	58.7	65.2	61.6*	57.4
NK S38-W4 Brand	52.8	52.4*	69.1	61.2	51.5	57.4
Merschman Washington 1438RR2	51.6	41.7	65.8	66.7	60.8	57.3
MorSoy 36x63	50.3	51.2*	62.7	63.9	58.6	57.3
Bayer BX 3841 LL	50.7	47.6	60.5	66.0	61.5	57.2
MorSoy 37x24	55.2	50.8*	61.9	61.8	56.7	57.2
MorSoy LL 3944	57.2	44.7	56.4	64.9	63.0*	57.2
Midland 3775NR2	49.8	46.4	65.8	63.9	59.4	57.1
Power Plus 39R5	53.2	50.4*	64.4	63.3	53.7	57.0

<b>Brand/Variety</b>	<b>Albany</b> (Bu/Ac)	<b>Canton</b> (Bu/Ac)	<b>Craig</b> (Bu/Ac)	<b>Mooreville</b> (Bu/Ac)	<b>Novelty</b> (Bu/Ac)	<b>Mean</b> (Bu/Ac)
Midland 3855NR2	52.0	46.2	60.5	65.1	60.6	56.9
Willcross RY2394N	56.7	45.8	61.2	66.5	53.3	56.7
Lewis 375R2	58.2*	43.7	63.9	57.5	59.9	56.6
Willcross WX2364N	51.9	43.7	54.3	71.8*	60.6	56.4
Merschman Kennedy 1436RR2	48.6	50.0*	58.6	65.8	58.9	56.3
HS 36A42	49.0	42.5	63.7	68.5*	57.4	56.2
MorSoy Exp 36814	49.0	50.5*	62.5	64.9	54.1	56.2
Bayer BX 3771 RY	51.5	45.3	64.7	59.3	58.5	55.8
Beck 337L4	51.3	44.2	63.2	68.7*	51.7	55.8
Dyna-Gro S36RY24	52.0	46.0	59.9	63.5	57.9	55.8
Power Plus 36J3	54.3	54.1*	59.6	57.5	53.1	55.7
Willcross RY2373N	50.4	44.4	62.4	67.3*	53.7	55.6
ProHarvest 3971CR2Y	59.0*	44.5	60.5	58.8	54.8	55.5
HS 37A42	55.9	43.1	56.2	65.6	56.0	55.3
Merschman Hayes 1535RR2	51.3	45.4	63.3	62.3	54.4	55.3
Merschman Madison 1539LL	54.5	39.8	50.9	67.3*	64.0*	55.3
Merschman Truman 1438LL	47.8	46.2	62.1	58.3	60.9	55.0
Asgrow AG3735	54.9	45.1	53.6	70.4*	50.0	54.8
NK S35-A5 Brand	50.1	43.5	67.6	56.1	56.2	54.7
NuTech/G2 Genetics 7357R2	50.3	47.7	53.7	67.0	55.3	54.7
Merschman Jackson 1536RR2	56.6	39.9	63.3	62.5	50.8	54.5
Power Plus 37N5	54.6	47.4	61.9	57.9	50.8	54.5
Lewis 374R2	49.2	43.3	57.4	67.4*	54.2	54.3
Merschman Jefferson 1436LL	52.4	44.1	59.8	53.5	61.9*	54.3
Mycogen 5N385R2	51.7	45.7	51.0	62.2	61.0	54.3
Merschman Grant 1536LL	54.1	43.0	56.9	63.7	53.5	54.2
Willcross WX2354N	53.0	42.0	54.6	61.7	59.4	54.1
Green Valley GV385	52.6	41.3	57.2	62.4	55.5	53.8
ProHarvest 3846CR2Y	52.7	43.4	58.6	63.5	49.5	53.4
Dyna-Gro S35RS75	48.7	43.2	52.6	63.4	56.5	52.8
MOSEP 34774	51.0	35.3	62.7	58.5	56.6	52.8
NuTech/G2 Genetics 7346	49.9	43.1	58.1	65.8	47.4	52.8
Bayer BX 2810 LL	45.4	50.0*	52.7	62.0	53.7	52.7
HS 34A42	49.6	43.1	45.2	68.8*	55.9	52.5
Merschman Roosevelt 1535RR2	58.0*	46.9	45.5	63.5	53.0	52.5
MorSoy 34x34	49.9	45.7	48.0	63.0	55.3	52.4
Dyna-Gro S39RY65	56.6	38.8	56.3	57.9	51.1	52.1
MorSoy Exp 34414	52.7	48.2	42.0	60.8	56.8	52.0
Willcross WX2344N	55.5	42.3	47.3	62.7	52.3	52.0
Willcross RY2363N	51.8	44.5	47.4	60.4	55.6	51.9

<b>Brand/Variety</b>	<b>Albany</b> (Bu/Ac)	<b>Canton</b> (Bu/Ac)	<b>Craig</b> (Bu/Ac)	<b>Mooreville</b> (Bu/Ac)	<b>Novelty</b> (Bu/Ac)	<b>Mean</b> (Bu/Ac)
Bayer BX 3233 LL	45.9	44.0	57.9	56.8	54.8	51.8
MorSoy LL 3704	51.2	41.9	54.7	55.9	53.2	51.4
Mycogen 5N372R2	52.8	41.7	41.5	61.3	60.0	51.4
LG Seeds C3555R2	50.3	45.5	46.9	67.0	44.1	50.7
Power Plus 34T3	48.7	50.2*	53.9	58.4	42.0	50.6
Beck 349L4	49.8	45.6	57.4	53.2	45.0	50.1
Bayer BX 3945 LL	53.9	38.7	49.4	56.1	56.6	49.9
Merschman Filmore 1534LL	48.1	42.3	45.8	62.9	50.1	49.8
Bayer BX 3560 RY	48.3	36.5	54.0	63.8	43.8	49.2
eMerge e3782S	43.6	31.0	55.0	56.7	50.8	47.4
Willcross RY2398N	48.8	36.8	46.3	57.2	47.6	47.3
eMerge 389F.YC	39.9	38.0	45.7	59.9	39.4	44.6
eMerge e3553	39.2	36.9	52.4	48.6	45.8	44.5
Bayer BX 3539 LL	42.4	35.1	43.7	48.5	47.5	43.4
<b>GRAND MEAN</b>	<b>52.5</b>	<b>46.0</b>	<b>59.5</b>	<b>63.4</b>	<b>56.6</b>	<b>55.6</b>
<b>LSD (10%)</b>	<b>5.6</b>	<b>6.9</b>	<b>7.9</b>	<b>6.6</b>	<b>7.4</b>	<b>3.0</b>
<b>CV (%)</b>	<b>7.9</b>	<b>11.0</b>	<b>9.8</b>	<b>7.7</b>	<b>9.7</b>	<b>8.8</b>

\*\* Highest yielding variety in test

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

## North Region Summary

### SOYBEAN TEST - MATURITY GROUP 4

Brand/Variety	Albany (Bu/Ac)	Canton (Bu/Ac)	Craig (Bu/Ac)	Mooreville (Bu/Ac)	Novelty (Bu/Ac)	Mean (Bu/Ac)
Midland 4373NR2	59.8*	47.1	74.8*	81.7**	68.9**	66.4**
Merschman Memphis 1243RR2Y	63.1**	42.9	78.5**	72.6	59.2	63.2
Merschman Phoenix 1545RR2	53.9	49.4*	67.5	77.9*	59.4	61.6
Asgrow AG4135	55.6	50.3*	71.9*	71.7	57.4	61.3
Lewis 423R2	58.7*	45.3	69.0	71.8	61.3	61.2
NuTech/G2 Genetics 7436R2	53.9	53.6*	63.1	71.4	58.4	60.0
Dyna-Gro 39RY43	55.2	44.7	63.9	77.3*	58.1	59.8
NuTech/G2 Genetics 3427L	55.6	48.0*	62.9	68.5	62.9*	59.5
NuTech/G2 Genetics 7465	58.8*	53.7*	65.4	65.6	49.2	58.5
Midland 4044NR2	52.1	52.2*	63.8	65.6	58.6	58.4
NuTech/G2 Genetics 7407	56.2*	52.6*	67.7	69.2	44.8	58.1
NuTech/G2 Genetics 7414	53.5	53.7*	51.5	74.3*	56.0	57.8
Merschman Norfolk 1541LL	55.2	54.0**	65.0	67.1	47.6	57.7
Green Valley GV405	52.5	49.1*	63.7	69.5	49.6	56.8
Lewis 414R2	51.6	48.1*	64.2	71.6	48.9	56.8
Dyna-Gro S40RY25	51.4	47.0	66.1	67.7	51.7	56.7
Asgrow AG4232	53.8	43.3	67.2	68.0	47.4	55.9
Merschman Austin 1342LL	52.7	43.5	62.3	65.1	55.4	55.8
Merschman Denver 1540RR2	52.6	45.9	56.9	66.7	53.9	55.2
Asgrow AG4034	45.6	46.2	62.7	67.2	45.1	53.3
Hoblit 405LL	49.3	37.4	57.7	64.5	58.0	53.3
MorSoy 43x53	52.2	49.5*	59.2	63.1	42.6	53.3
Merschman Richmond 1442RR2	48.2	44.2	65.0	63.8	41.7	52.5
NK S40-N2 Brand	49.3	41.4	51.2	64.5	50.5	51.3
NK S42-W9 Brand	47.6	46.7	59.9	63.2	38.0	51.0
Merschman Tampa 1545LL	48.9	37.6	60.2	61.4	44.1	50.4
SA11-9446	47.8	31.3	55.9	64.9	45.3	49.0
MPV 4238N	44.0	40.1	55.3	64.2	38.3	48.3
SA11-10182	46.7	27.8	55.3	57.9	48.5	47.2
S10-11227	41.5	30.4	58.0	62.8	36.8	45.9
Merschman Orlando 1346LL	39.5	30.6	67.5	58.5	30.0	45.2
<b>GRAND MEAN</b>	<b>51.6</b>	<b>45.2</b>	<b>62.4</b>	<b>67.5</b>	<b>49.6</b>	<b>55.3</b>
<b>LSD (10%)</b>	<b>5.6</b>	<b>6.8</b>	<b>7.3</b>	<b>7.7</b>	<b>7.3</b>	<b>2.9</b>
<b>CV (%)</b>	<b>8.0</b>	<b>11.0</b>	<b>8.6</b>	<b>8.3</b>	<b>10.8</b>	<b>8.8</b>

\*\* Highest yielding variety in test

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





## NORTH REGION

### CROP MANAGEMENT SUMMARY for 2014

The Soybean Test was to be conducted at five locations (Henrietta, Grand Pass, Columbia, Truxton, Annada) in the Central Region. The experiment at Annada had severe disease pressure (including SDS) which caused significant variation in yields across the field.

#### Characteristics of the Soybean Test Locations – CENTRAL REGION

Location	Soil Type	Soil Test				Precipitation					
		pH	OM	P	K	May	June	July	Aug	Sep	Season <sup>a</sup>
Annada	Tice silt loam	6.6	2.2%	92	337	4.6"	8.0"	2.4"	5.4"	5.6"	26.0"
Columbia	Mexico silt loam	5.7	2.2%	51	234	2.0"	4.4"	2.1"	2.8"	7.6"	18.9"
Grand Pass	Haynie silt loam	5.8	2.3%	54	1065	1.4"	6.5"	2.8"	4.3"	3.1"	18.1"
Henrietta	Haynie silt loam	5.9	1.9%	102	689	1.7"	9.4"	2.9"	7.3"	2.7"	24.0"
Truxton	Mexico silt loam	5.5	2.3%	103	162	4.8"	4.4"	1.6"	3.8"	6.6"	21.2"

<sup>a</sup> Region average season precipitation (May through September) = 21.3", 1.5" above normal

#### Crop Management Practices at the Soybean Test Locations – CENTRAL REGION

Location	Dates		Fertilizer			Tillage	Herbicides	
	Planting	Harvest	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		Pre	Post
Annada	May 20	Oct 25	0	0	0	Min.	Dual II Magnum, Sonic, Roundup PowerMax	none
Columbia	May 22	Nov 1	0	0	0	Min.	Dual II Magnum, Sonic, Roundup PowerMax	Select, Blazer, Basagran
Grand Pass	May 19	Oct 21	0	0	0	Notill	Dual II Magnum, Sonic, Roundup PowerMax	Select, Blazer, Basagran
Henrietta	June 17	Nov 5	0	0	0	Min.	Dual II Magnum, Sonic, Roundup PowerMax	Select, Blazer
Truxton	May 23	Oct 23	0	0	0	Min.	Dual II Magnum, Sonic, Roundup PowerMax	none

**Annada Central Region\*\*\***  
**SOYBEAN TEST - MATURITY GROUP 3**

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Hoblit 384LL	55.2**	3.8	2	38
Midland 3983NR2	51.5*	3.9	3	42
Merschman Truman 1438LL	48.7*	3.8	2	37
Beck 366L4	48.4*	3.6	2	37
Merschman Washington 1438RR2	48.1*	3.8	3	36
Beck 394L4	47.9*	3.9	2	39
NuTech/G2 Genetics 7384	47.6*	3.8	3	40
Beck 379L4	47.5	3.7	2	39
Pfister Seeds 39R29	47.0	3.9	1	38
Asgrow AG3934	46.9	3.9	2	35
Merschman Kennedy 1436RR2	46.9	3.6	2	38
Power Plus 34T3	46.9	3.4	1	38
NuTech/G2 Genetics 7357R2	45.8	3.5	2	41
Asgrow AG3832	45.6	3.8	1	36
NuTech/G2 Genetics 7346	44.4	3.4	1	37
Merschman Jefferson 1436LL	44.3	3.6	2	38
Merschman Jackson 1536RR2	43.5	3.6	2	38
Midland 3925NR2	43.5	3.9	1	36
Asgrow AG3735	43.0	3.7	1	37
Lewis 392R2	42.9	3.9	1	36
NuTech/G2 Genetics 7360	42.7	3.6	2	40
Power Plus 36J3	42.6	3.6	2	39
MorSoy 37x24	42.1	3.7	3	38
Lewis 374R2	42.0	3.7	2	42
MOSEP 38944	41.8	3.8	3	36
Hoegemeyer HPT LL3716N	41.4	3.7	4	40
Mycogen 5N393R2	41.0	3.9	4	37
Merschman Roosevelt 1535RR2	40.9	3.5	2	39
Merschman Garfield 1439RR2	40.6	3.9	1	40
NK S35-A5 Brand	40.3	3.5	3	39
Bayer BX 3945 LL	40.0	3.9	2	40
Merschman Madison 1539LL	39.7	3.9	2	37
Power Plus 39R5	39.1	3.9	1	36
MorSoy 39x14	38.8	3.9	1	38
MorSoy LL 3704	38.7	3.7	4	39
Asgrow AG3432	38.5	3.4	4	38
NK S34-Z1 Brand	38.5	3.4	3	40
Bayer BX 3233 LL	37.5	3.2	3	38
Bayer BX 3841 LL	37.5	3.8	3	37
Hoegemeyer HPT 3997NRR	36.3	3.9	3	35

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Midland 3775NR2	36.2	3.7	2	42
MorSoy LL 3944	36.1	3.9	2	39
LG Seeds C3989R2	35.6	3.8	2	38
Merschman Grant 1536LL	35.4	3.6	2	39
eMerge e3782S	35.3	3.7	2	35
Mycogen 5N385R2	35.1	3.8	2	37
Merschman Eisenhower 1537RR2	34.9	3.7	2	39
Mycogen 5N372R2	34.4	3.7	1	39
ProHarvest 3971CR2Y	34.2	3.9	2	40
Bayer BX 3560 RY	33.4	3.5	3	37
NK S39-U2 Brand	33.2	3.9	3	38
Dyna-Gro S38RY84	32.7	3.8	3	37
Power Plus 37N5	32.6	3.7	2	38
Power Plus 39B3	32.4	3.9	3	38
Mycogen 5N373R2	32.2	3.7	5	38
Bayer BX 3771 RY	31.9	3.7	2	36
Midland 3855NR2	31.6	3.8	3	38
Merschman Hayes 1535RR2	31.3	3.5	3	38
Dyna-Gro S39RY65	27.4	3.9	3	37
NK S38-W4 Brand	26.5	3.8	4	39
Midland 3884NR2	25.9	3.8	3	37
Bayer BX 3539 LL	24.7	3.5	3	35
<b>GRAND MEAN</b>	<b>39.4</b>		<b>2</b>	<b>38</b>
<b>LSD (10%)</b>	<b>7.6</b>			
<b>CV (%)</b>	<b>14.3</b>			

\*\*\* Moderate to heavy disease pressure (including SDS) affected yields of some varieties.  
Yield results are provided in this table, but are not used in the region summary table.

\*\* 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 and 5 = more than 80% plants lodged

**Annada Central Region\*\*\***  
**SOYBEAN TEST - MATURITY GROUP 4**

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Dyna-Gro S40RY25	55.4**	4.0	1	36
Merschman Richmond 1442RR2	53.7*	4.2	2	42
Asgrow AG4135	51.3*	4.1	5	40
NuTech/G2 Genetics 7436R2	48.8*	4.3	1	40
Bayer BX 4105 LL	48.0*	4.1	2	36
Hoegemeyer HPT 4306NRS	47.7*	4.3	1	39
LG Seeds C4010R2	46.6*	4.0	2	40
Lewis 433R2	46.4*	4.3	1	39
Hoblit 405LL	45.9*	4.0	3	36
Mycogen 5N451R2	45.3*	4.5	3	40
Merschman Memphis 1243RR2Y	44.4*	4.3	2	40
Lewis 423R2	44.4*	4.2	2	38
Merschman Tulsa 1545LL	43.9	4.5	1	37
MorSoy 46x04	43.8	4.6	3	38
Merschman Tampa 1545LL	43.7	4.5	2	39
Midland 4614NRS2	42.8	4.6	2	38
Pfister Seeds 43R29	42.6	4.3	2	40
NuTech/G2 Genetics 7414	42.5	4.1	2	38
Merschman Atlanta 1549RR2	42.2	4.9	3	39
Beck 419L4	41.3	4.1	2	40
Mycogen 5N431R2	40.9	4.3	2	38
Merschman Denver 1540RR2	40.7	4.0	1	38
Midland 4373NR2	40.6	4.3	2	39
MorSoy 47x12	40.2	4.7	2	44
Merschman Norfolk 1541LL	40.2	4.1	2	39
Merschman Phoenix 1545RR2	39.9	4.5	2	35
Asgrow AG4034	39.9	4.0	2	36
Dyna-Gro 39RY43	39.8	4.3	3	38
MorSoy 43x53	39.7	4.3	3	41
SA11-10182	39.5	4.0	3	34
MorSoy LL 4524	39.3	4.5	3	37
Mycogen 5N423R2	39.1	4.2	3	40
NK S45-V8 Brand	38.9	4.5	2	39
Merschman Austin 1342LL	38.9	4.2	2	40
Hoegemeyer HPT LL4203N	38.6	4.2	3	38
NuTech/G2 Genetics 7465	37.3	4.6	3	38
NuTech/G2 Genetics 3427L	36.9	4.2	1	38
NuTech/G2 Genetics 7407	36.5	4.0	1	36
Midland 4044NR2	36.4	4.0	2	39
Bayer BX 4181 RY	35.8	4.1	4	38

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Power Plus 41M4	35.6	4.1	2	36
ProHarvest 4366CR2Y	35.5	4.3	2	40
NK S40-N2 Brand	35.0	4.0	2	37
S10-11227	34.9	4.1	3	40
MorSoy Exp 43x44	34.9	4.3	3	39
Hoegemeyer HPT 4442NRR	34.7	4.4	3	41
MorSoy 41x04	34.4	4.1	3	40
MorSoy 45x73	34.1	4.5	3	40
Mycogen 5N413R2	34.0	4.1	1	38
NK S42-W9 Brand	32.3	4.2	2	40
MorSoy 47x54	32.3	4.7	3	42
Merschman Dallas 1549RR2	32.3	4.9	3	39
MPV 4238N	32.2	4.2	2	38
Hoegemeyer HPT 4124NRR	32.1	4.1	1	42
Power Plus 46A5	31.7	4.6	3	40
Asgrow AG4232	31.4	4.2	2	42
MPV 4400N	30.8	4.4	4	41
NK S46-L2 Brand	29.1	4.6	3	38
Merschman Nashville 1547RR2	28.7	4.7	3	38
SA11-9446	24.8	4.0	3	35
Merschman Boston 1549LL	22.0	4.9	3	42
Midland 4745NR2	20.0	4.7	1	41
Merschman Orlando 1346LL	16.3	4.6	4	40
<b>GRAND MEAN</b>	<b>38.1</b>		<b>2</b>	<b>39</b>
<b>LSD (10%)</b>	<b>11.3</b>			
<b>CV (%)</b>	<b>22.0</b>			

\*\*\* Moderate to heavy disease pressure (including SDS) affected yields of some varieties.  
Yield results are provided in this table, but are not used in the region summary table.

\*\* 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 and 5 = more than 80% plants lodged

## Columbia Central Region

### SOYBEAN TEST - MATURITY GROUP 3

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
Mycogen 5N393R2	66.3**	3.9	1	29
NuTech/G2 Genetics 7384	64.2*	3.8	1	29
Dyna-Gro S39RY65	62.3*	3.9	1	32
MorSoy 37x24	62.2*	3.7	1	28
NK S34-Z1 Brand	62.0*	3.4	1	30
Midland 3884NR2	61.9*	3.8	1	29
MOSEP 38944	61.5*	3.8	1	23
Merschman Eisenhower 1537RR2	61.1*	3.7	1	30
Power Plus 39R5	61.0*	3.9	1	30
NK S39-U2 Brand	60.8*	3.9	1	28
Midland 3983NR2	60.5*	3.9	2	30
Bayer BX 3560 RY	60.4*	3.5	1	28
Power Plus 39B3	60.3*	3.9	1	34
Merschman Madison 1539LL	60.2*	3.9	1	31
Mycogen 5N372R2	60.2*	3.7	1	30
ProHarvest 3971CR2Y	59.7	3.9	1	29
Midland 3855NR2	59.5	3.8	1	33
LG Seeds C3989R2	59.1	3.8	1	30
Merschman Garfield 1439RR2	59.0	3.9	1	29
MorSoy 39x14	58.9	3.9	1	31
Merschman Kennedy 1436RR2	58.6	3.6	1	31
NuTech/G2 Genetics 7360	58.6	3.6	1	30
Asgrow AG3832	58.1	3.8	1	27
Mycogen 5N373R2	58.1	3.7	1	28
Dyna-Gro S38RY84	58.0	3.8	1	29
Midland 3775NR2	57.6	3.7	1	32
Asgrow AG3432	57.5	3.4	1	29
Asgrow AG3934	57.5	3.9	1	28
Merschman Jackson 1536RR2	57.4	3.6	1	28
Merschman Washington 1438RR2	57.4	3.8	1	30
Hoegemeyer HPT 3997NRR	57.3	3.9	1	27
MorSoy LL 3944	57.3	3.9	1	31
Power Plus 37N5	57.3	3.7	1	31
Merschman Jefferson 1436LL	57.2	3.6	1	28
Asgrow AG3735	56.9	3.7	1	25
Lewis 392R2	56.9	3.9	1	28
Merschman Roosevelt 1535RR2	56.9	3.5	1	28
Beck 379L4	56.5	3.7	1	28
Merschman Grant 1536LL	56.5	3.6	1	28
NK S35-A5 Brand	56.3	3.5	1	32

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
NK S38-W4 Brand	56.0	3.8	1	29
Lewis 374R2	55.8	3.7	1	28
NuTech/G2 Genetics 7357R2	55.5	3.5	1	31
Beck 366L4	55.4	3.6	1	27
Midland 3925NR2	55.1	3.9	1	31
Merschman Hayes 1535RR2	55.0	3.5	1	27
Beck 394L4	54.7	3.9	1	28
MorSoy LL 3704	54.7	3.7	1	28
Mycogen 5N385R2	54.6	3.8	1	27
Bayer BX 3841 LL	54.4	3.8	1	30
Bayer BX 3539 LL	54.1	3.5	1	23
Hoegemeyer HPT LL3716N	54.1	3.7	1	31
Pfister Seeds 39R29	54.1	3.9	1	28
Power Plus 36J3	53.5	3.6	1	28
Bayer BX 3771 RY	53.3	3.7	1	25
Bayer BX 3945 LL	52.8	3.9	1	29
eMerge e3782S	52.7	3.7	1	28
NuTech/G2 Genetics 7346	52.5	3.4	1	26
Power Plus 34T3	52.4	3.4	1	24
Hoblit 384LL	50.2	3.8	1	26
Merschman Truman 1438LL	49.9	3.8	1	26
Bayer BX 3233 LL	49.3	3.2	1	27
<b>GRAND MEAN</b>	<b>57.2</b>		<b>1</b>	<b>29</b>
<b>LSD (10%)</b>	<b>6.1</b>			
<b>CV (%)</b>	<b>7.9</b>			

\*\* 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 and 5 = more than 80% plants lodged



## Columbia Central Region

### SOYBEAN TEST - MATURITY GROUP 4

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
MorSoy 46x04	68.2**	4.6	1	32
MorSoy LL 4524	65.9*	4.5	1	32
Mycogen 5N451R2	65.8*	4.5	1	36
Hoblit 405LL	65.3*	4.0	1	32
Asgrow AG4135	65.1*	4.1	1	31
NK S40-N2 Brand	64.8*	4.0	1	30
Merschman Tulsa 1545LL	63.9*	4.5	1	31
Midland 4373NR2	63.9*	4.3	1	31
Lewis 433R2	63.8*	4.3	1	32
Merschman Tampa 1545LL	63.6*	4.5	1	32
MorSoy Exp 43x44	63.5*	4.3	1	37
Hoegemeyer HPT 4124NRR	63.2*	4.1	1	35
NuTech/G2 Genetics 7465	63.1	4.6	1	32
Dyna-Gro 39RY43	62.9	4.3	1	34
Merschman Richmond 1442RR2	62.9	4.2	1	40
Asgrow AG4034	62.6	4.0	1	31
Midland 4745NR2	62.3	4.7	1	35
NuTech/G2 Genetics 7436R2	62.3	4.3	1	32
Merschman Memphis 1243RR2Y	62.2	4.3	1	31
NuTech/G2 Genetics 3427L	62.1	4.2	1	32
Power Plus 41M4	62.1	4.1	1	35
Bayer BX 4181 RY	61.8	4.1	2	35
Merschman Phoenix 1545RR2	61.8	4.5	1	33
Pfister Seeds 43R29	61.8	4.3	1	30
LG Seeds C4010R2	61.6	4.0	1	29
MorSoy 41x04	61.5	4.1	1	34
Lewis 423R2	61.4	4.2	1	33
MorSoy 43x53	61.4	4.3	1	30
MorSoy 47x12	61.3	4.7	1	38
Hoegemeyer HPT 4306NRS	61.1	4.3	1	29
Mycogen 5N431R2	61.0	4.3	2	33
Midland 4044NR2	60.9	4.0	1	31
NK S42-W9 Brand	60.8	4.2	1	30
MorSoy 47x54	60.7	4.7	1	37
Merschman Denver 1540RR2	60.5	4.0	1	30
NuTech/G2 Genetics 7407	60.5	4.0	1	32
Merschman Atlanta 1549RR2	60.3	4.9	1	35
Merschman Nashville 1547RR2	60.2	4.7	1	40
NK S45-V8 Brand	60.2	4.5	1	33
NuTech/G2 Genetics 7414	60.2	4.1	1	32

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Hoegemeyer HPT LL4203N	60.0	4.2	1	32
Dyna-Gro S40RY25	59.6	4.0	1	30
Mycogen 5N413R2	59.5	4.1	2	32
Midland 4614NRS2	59.1	4.6	1	35
MorSoy 45x73	58.9	4.5	1	37
Power Plus 46A5	58.7	4.6	1	35
Merschman Norfolk 1541LL	58.4	4.1	1	28
Merschman Dallas 1549RR2	58.3	4.9	1	35
ProHarvest 4366CR2Y	58.3	4.3	1	32
Asgrow AG4232	58.1	4.2	1	39
Bayer BX 4105 LL	58.0	4.1	1	30
Mycogen 5N423R2	57.9	4.2	1	32
SA11-10182	57.8	4.0	1	34
Hoegemeyer HPT 4442NRR	57.7	4.4	1	32
Merschman Orlando 1346LL	57.4	4.6	1	34
Beck 419L4	56.8	4.1	1	30
Merschman Austin 1342LL	56.7	4.2	1	32
MPV 4238N	56.1	4.2	1	32
NK S46-L2 Brand	56.1	4.6	1	32
MPV 4400N	54.4	4.4	1	32
SA11-9446	54.0	4.0	2	32
S10-11227	51.3	4.1	1	29
Merschman Boston 1549LL	50.7	4.9	1	40
<b>GRAND MEAN</b>	<b>60.4</b>		<b>1</b>	<b>33</b>
<b>LSD (10%)</b>	<b>5.0</b>			
<b>CV (%)</b>	<b>6.1</b>			

\*\* 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 and 5 = more than 80% plants lodged

## Grand Pass Central Region

### SOYBEAN TEST - MATURITY GROUP 3

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
Beck 394L4	68.0**	3.9	1	34
Hoblit 384LL	64.9*	3.8	1	44
Merschman Truman 1438LL	63.7*	3.8	1	42
NuTech/G2 Genetics 7357R2	63.6*	3.5	1	38
Merschman Washington 1438RR2	63.3*	3.8	1	41
MorSoy LL 3944	60.4*	3.9	1	35
Pfister Seeds 39R29	60.4*	3.9	1	44
MOSEP 38944	60.2*	3.8	1	36
Merschman Jefferson 1436LL	59.8*	3.6	1	37
Mycogen 5N393R2	59.6*	3.9	1	35
Merschman Madison 1539LL	59.4*	3.9	1	43
Hoegemeyer HPT 3997NRR	58.6	3.9	1	37
NuTech/G2 Genetics 7384	58.6	3.8	1	36
Bayer BX 3945 LL	56.6	3.9	1	38
NuTech/G2 Genetics 7360	56.2	3.6	1	39
Beck 366L4	56.0	3.6	1	46
Midland 3925NR2	55.9	3.9	1	35
Asgrow AG3735	55.5	3.7	1	37
Hoegemeyer HPT LL3716N	55.5	3.7	1	47
Midland 3884NR2	55.5	3.8	1	35
NK S39-U2 Brand	55.4	3.9	1	40
MorSoy 39x14	54.4	3.9	1	44
NK S35-A5 Brand	54.0	3.5	1	35
Beck 379L4	53.6	3.7	1	38
NuTech/G2 Genetics 7346	53.6	3.4	1	43
Asgrow AG3832	53.0	3.8	1	36
Merschman Eisenhower 1537RR2	53.0	3.7	1	38
LG Seeds C3989R2	52.8	3.8	1	37
Bayer BX 3233 LL	52.7	3.2	1	36
Bayer BX 3841 LL	52.6	3.8	1	37
Mycogen 5N385R2	52.0	3.8	1	40
MorSoy 37x24	51.9	3.7	1	47
Midland 3983NR2	51.6	3.9	1	44
Merschman Hayes 1535RR2	50.9	3.5	1	42
NK S34-Z1 Brand	50.8	3.4	1	37
Dyna-Gro S38RY84	50.6	3.8	1	36
Midland 3855NR2	50.2	3.8	1	45
Power Plus 39R5	50.2	3.9	1	36
Lewis 374R2	50.0	3.7	1	38
Merschman Roosevelt 1535RR2	49.2	3.5	1	40

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Merschman Kennedy 1436RR2	48.8	3.6	1	34
Power Plus 34T3	48.8	3.4	1	45
Midland 3775NR2	48.5	3.7	1	42
Bayer BX 3560 RY	48.3	3.5	1	39
Power Plus 36J3	48.1	3.6	1	43
Merschman Jackson 1536RR2	47.9	3.6	1	35
Dyna-Gro S39RY65	47.8	3.9	1	46
Bayer BX 3539 LL	47.7	3.5	1	32
Asgrow AG3432	47.4	3.4	2	45
eMerge e3782S	47.3	3.7	1	36
NK S38-W4 Brand	46.7	3.8	1	40
Lewis 392R2	46.3	3.9	1	36
Power Plus 39B3	46.2	3.9	1	42
Power Plus 37N5	46.1	3.7	1	44
Mycogen 5N372R2	45.1	3.7	1	41
Asgrow AG3934	45.0	3.9	1	39
MorSoy LL 3704	44.6	3.7	1	34
ProHarvest 3971CR2Y	44.5	3.9	1	45
Merschman Grant 1536LL	44.1	3.6	1	38
Merschman Garfield 1439RR2	42.3	3.9	1	42
Mycogen 5N373R2	40.3	3.7	2	42
Bayer BX 3771 RY	39.0	3.7	1	42
<b>GRAND MEAN</b>	<b>52.5</b>		<b>1</b>	<b>40</b>
<b>LSD (10%)</b>	<b>8.9</b>			
<b>CV (%)</b>	<b>12.5</b>			

\*\* 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 and 5 = more than 80% plants lodged

# Grand Pass Central Region

## SOYBEAN TEST - MATURITY GROUP 4

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
Asgrow AG4135	73.0**	4.1	1	46
Merschman Memphis 1243RR2Y	70.3*	4.3	1	48
ProHarvest 4366CR2Y	69.2*	4.3	1	44
Merschman Norfolk 1541LL	68.9*	4.1	1	42
MorSoy Exp 43x44	67.8*	4.3	1	51
NuTech/G2 Genetics 7465	65.8*	4.6	1	46
Pfister Seeds 43R29	65.5*	4.3	1	42
Mycogen 5N431R2	64.9*	4.3	1	48
NuTech/G2 Genetics 7436R2	63.4	4.3	1	48
NuTech/G2 Genetics 7414	62.7	4.1	1	45
Dyna-Gro 39RY43	62.6	4.3	1	48
Midland 4373NR2	62.5	4.3	1	47
MorSoy 45x73	62.3	4.5	1	50
Bayer BX 4105 LL	61.3	4.1	1	44
NuTech/G2 Genetics 7407	61.2	4.0	1	48
Lewis 433R2	61.0	4.3	1	42
MPV 4400N	61.0	4.4	2	46
Power Plus 41M4	61.0	4.1	1	43
Beck 419L4	60.8	4.1	1	45
Merschman Denver 1540RR2	60.7	4.0	1	40
Merschman Phoenix 1545RR2	60.7	4.5	1	47
Midland 4614NRS2	60.7	4.6	1	49
Merschman Atlanta 1549RR2	59.7	4.9	1	51
Hoegemeyer HPT 4306NRS	59.6	4.3	1	42
Merschman Richmond 1442RR2	59.4	4.2	1	47
Mycogen 5N413R2	59.3	4.1	2	41
Dyna-Gro S40RY25	59.0	4.0	1	41
MorSoy 46x04	57.4	4.6	1	44
Lewis 423R2	56.7	4.2	1	43
Hoegemeyer HPT LL4203N	56.2	4.2	1	47
LG Seeds C4010R2	55.3	4.0	1	45
Power Plus 46A5	55.0	4.6	1	42
Hoblit 405LL	54.8	4.0	1	42
Merschman Austin 1342LL	54.6	4.2	1	48
MorSoy 43x53	54.1	4.3	1	47
MorSoy 47x54	53.0	4.7	1	48
MorSoy 41x04	52.9	4.1	1	49
Mycogen 5N451R2	52.9	4.5	1	52
Midland 4745NR2	50.6	4.7	1	53
MorSoy LL 4524	50.5	4.5	1	41

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Asgrow AG4034	50.3	4.0	1	38
MorSoy 47x12	50.0	4.7	1	52
SA11-10182	49.0	4.0	1	41
NK S45-V8 Brand	48.1	4.5	1	47
SA11-9446	47.5	4.0	1	44
Merschman Tulsa 1545LL	47.1	4.5	1	38
Bayer BX 4181 RY	46.6	4.1	1	48
Merschman Tampa 1545LL	44.9	4.5	1	49
NK S42-W9 Brand	44.9	4.2	1	46
Hoegemeyer HPT 4124NRR	44.7	4.1	1	44
NK S46-L2 Brand	44.3	4.6	1	42
NuTech/G2 Genetics 3427L	43.9	4.2	1	47
Midland 4044NR2	43.5	4.0	1	41
Mycogen 5N423R2	43.2	4.2	1	44
MPV 4238N	40.0	4.2	2	46
S10-11227	37.7	4.1	1	45
Merschman Boston 1549LL	31.9	4.9	1	47
Merschman Orlando 1346LL	30.7	4.6	1	47
Hoegemeyer HPT 4442NRR	30.2	4.4	1	45
Merschman Dallas 1549RR2	29.7	4.9	1	51
NK S40-N2 Brand	26.5	4.0	1	44
Asgrow AG4232	25.1	4.2	1	42
Merschman Nashville 1547RR2	21.5	4.7	1	50
<b>GRAND MEAN</b>	<b>51.6</b>		<b>1</b>	<b>46</b>
<b>LSD (10%)</b>	<b>9.4</b>			
<b>CV (%)</b>	<b>13.4</b>			

\*\* 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 and 5 = more than 80% plants lodged

# Henrietta Central Region

## SOYBEAN TEST - MATURITY GROUP 3

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
NuTech/G2 Genetics 7384	58.4**	3.8	1	37
Mycogen 5N373R2	57.0*	3.7	2	35
Hoblit 384LL	56.7*	3.8	1	37
Midland 3983NR2	56.3*	3.9	1	35
Pfister Seeds 39R29	55.8*	3.9	1	38
NuTech/G2 Genetics 7360	55.6*	3.6	1	34
Power Plus 39B3	55.3*	3.9	1	39
LG Seeds C3989R2	55.2*	3.8	2	39
Bayer BX 3841 LL	55.0*	3.8	1	39
NK S34-Z1 Brand	54.9*	3.4	1	37
Merschman Garfield 1439RR2	54.3*	3.9	1	34
Merschman Jefferson 1436LL	54.3*	3.6	1	33
Beck 366L4	54.2*	3.6	1	33
Beck 394L4	54.2*	3.9	1	39
NK S38-W4 Brand	54.1*	3.8	1	41
ProHarvest 3971CR2Y	53.9*	3.9	1	38
MorSoy 39x14	53.7*	3.9	1	37
Power Plus 36J3	53.6*	3.6	1	37
Merschman Madison 1539LL	53.5*	3.9	1	38
NK S39-U2 Brand	53.3*	3.9	1	34
Asgrow AG3735	53.2*	3.7	1	29
Dyna-Gro S38RY84	53.0*	3.8	1	35
Beck 379L4	52.9*	3.7	1	39
Asgrow AG3934	52.6	3.9	1	36
Merschman Eisenhower 1537RR2	52.6	3.7	1	39
Mycogen 5N393R2	52.5	3.9	1	41
Merschman Grant 1536LL	52.3	3.6	1	32
Power Plus 39R5	52.2	3.9	1	36
Merschman Hayes 1535RR2	52.0	3.5	1	35
Lewis 374R2	51.7	3.7	1	38
Midland 3925NR2	51.7	3.9	1	36
NuTech/G2 Genetics 7357R2	51.4	3.5	1	33
Asgrow AG3832	51.3	3.8	1	34
Midland 3884NR2	51.2	3.8	2	34
NK S35-A5 Brand	51.2	3.5	1	40
Hoegemeyer HPT 3997NRR	51.0	3.9	1	32
Merschman Truman 1438LL	50.9	3.8	1	34
Midland 3855NR2	50.9	3.8	1	36
Power Plus 37N5	50.9	3.7	1	35
Dyna-Gro S39RY65	50.6	3.9	1	37

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Merschman Kennedy 1436RR2	50.6	3.6	1	40
NuTech/G2 Genetics 7346	50.3	3.4	1	36
Merschman Washington 1438RR2	50.2	3.8	1	32
MorSoy 37x24	50.2	3.7	1	37
MorSoy LL 3704	49.6	3.7	1	35
Midland 3775NR2	49.1	3.7	1	37
MOSEP 38944	48.8	3.8	1	33
Hoegemeyer HPT LL3716N	48.6	3.7	1	36
Mycogen 5N385R2	48.6	3.8	1	30
Bayer BX 3560 RY	47.7	3.5	1	34
Merschman Roosevelt 1535RR2	47.7	3.5	1	36
Bayer BX 3945 LL	47.5	3.9	1	38
Power Plus 34T3	47.5	3.4	1	37
MorSoy LL 3944	47.1	3.9	1	36
Lewis 392R2	46.3	3.9	1	25
Asgrow AG3432	46.0	3.4	1	38
Bayer BX 3771 RY	46.0	3.7	1	32
Mycogen 5N372R2	46.0	3.7	1	38
eMerge e3782S	45.7	3.7	1	36
Merschman Jackson 1536RR2	45.6	3.6	1	32
Bayer BX 3233 LL	42.6	3.2	1	33
Bayer BX 3539 LL	38.5	3.5	1	33
<b>GRAND MEAN</b>	<b>51.3</b>		<b>1</b>	<b>36</b>
<b>LSD (10%)</b>	<b>5.5</b>			
<b>CV (%)</b>	<b>7.9</b>			

\*\* 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 and 5 = more than 80% plants lodged



# Henrietta Central Region

## SOYBEAN TEST - MATURITY GROUP 4

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
NuTech/G2 Genetics 3427L	59.4**	4.2	1	31
MorSoy 46x04	57.4*	4.6	1	39
Lewis 423R2	56.0*	4.2	1	34
Merschman Memphis 1243RR2Y	55.8*	4.3	1	39
Midland 4373NR2	55.7*	4.3	2	36
Pfister Seeds 43R29	54.8*	4.3	1	35
NuTech/G2 Genetics 7465	54.7*	4.6	2	36
Asgrow AG4135	54.2*	4.1	1	36
MorSoy 47x12	53.6*	4.7	1	47
NK S42-W9 Brand	53.6*	4.2	1	33
Merschman Norfolk 1541LL	53.3	4.1	1	37
Mycogen 5N451R2	52.9	4.5	2	43
Merschman Phoenix 1545RR2	52.7	4.5	2	34
ProHarvest 4366CR2Y	52.3	4.3	1	34
Power Plus 41M4	52.2	4.1	1	31
NuTech/G2 Genetics 7407	52.1	4.0	1	35
NK S40-N2 Brand	51.8	4.0	1	36
Asgrow AG4034	51.5	4.0	1	36
Mycogen 5N431R2	51.1	4.3	1	34
Dyna-Gro 39RY43	50.7	4.3	1	33
Hoegemeyer HPT LL4203N	50.3	4.2	1	33
Power Plus 46A5	50.3	4.6	1	30
MorSoy 43x53	50.2	4.3	1	36
NuTech/G2 Genetics 7414	49.7	4.1	1	32
Midland 4614NRS2	49.6	4.6	2	42
Asgrow AG4232	49.5	4.2	2	39
Merschman Nashville 1547RR2	49.2	4.7	1	40
MorSoy Exp 43x44	49.2	4.3	2	44
Merschman Richmond 1442RR2	49.1	4.2	1	38
Midland 4044NR2	48.9	4.0	1	34
Merschman Denver 1540RR2	48.6	4.0	1	37
Mycogen 5N413R2	48.5	4.1	2	40
Mycogen 5N423R2	48.5	4.2	1	34
Bayer BX 4181 RY	48.4	4.1	1	38
Beck 419L4	48.3	4.1	1	38
Lewis 433R2	48.2	4.3	1	27
Dyna-Gro S40RY25	48.1	4.0	1	35
Hoblit 405LL	48.0	4.0	1	33
Merschman Austin 1342LL	48.0	4.2	2	36
Merschman Dallas 1549RR2	47.8	4.9	2	40

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
MorSoy 41x04	47.5	4.1	2	42
Hoegemeyer HPT 4124NRR	47.4	4.1	1	37
Merschman Atlanta 1549RR2	47.3	4.9	2	39
Merschman Tulsa 1545LL	47.2	4.5	1	36
MorSoy 45x73	47.1	4.5	1	38
MorSoy 47x54	47.0	4.7	1	40
NuTech/G2 Genetics 7436R2	46.2	4.3	1	36
Bayer BX 4105 LL	46.1	4.1	1	27
Hoegemeyer HPT 4442NRR	46.0	4.4	1	30
NK S46-L2 Brand	45.9	4.6	1	33
SA11-9446	45.9	4.0	2	32
Merschman Tampa 1545LL	45.1	4.5	1	34
Midland 4745NR2	44.8	4.7	2	40
MPV 4238N	44.4	4.2	1	36
SA11-10182	44.4	4.0	2	38
NK S45-V8 Brand	44.3	4.5	1	36
Hoegemeyer HPT 4306NRS	44.2	4.3	1	33
LG Seeds C4010R2	44.0	4.0	1	34
MorSoy LL 4524	43.7	4.5	1	35
Merschman Orlando 1346LL	43.0	4.6	1	35
MPV 4400N	42.3	4.4	2	38
S10-11227	42.3	4.1	1	32
Merschman Boston 1549LL	40.6	4.9	1	36
<b>GRAND MEAN</b>	<b>48.7</b>		<b>1</b>	<b>36</b>
<b>LSD (10%)</b>	<b>6.0</b>			
<b>CV (%)</b>	<b>9.1</b>			

\*\* 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 and 5 = more than 80% plants lodged

# Truxton Central Region

## SOYBEAN TEST - MATURITY GROUP 3

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
Power Plus 39R5	80.7**	3.9	1	34
Midland 3983NR2	79.9*	3.9	1	35
Lewis 392R2	79.7*	3.9	1	32
NK S39-U2 Brand	79.0*	3.9	1	32
Midland 3925NR2	78.8*	3.9	1	32
Dyna-Gro S38RY84	78.7	3.8	1	32
Dyna-Gro S39RY65	78.5*	3.9	1	36
Merschman Washington 1438RR2	78.0*	3.8	1	33
Lewis 374R2	77.9*	3.7	1	34
Mycogen 5N385R2	77.5*	3.8	1	32
NuTech/G2 Genetics 7384	77.3*	3.8	1	35
Asgrow AG3934	77.1*	3.9	1	32
Mycogen 5N393R2	76.9*	3.9	1	34
Merschman Hayes 1535RR2	76.8*	3.5	1	32
MorSoy 39x14	76.3*	3.9	1	30
Merschman Eisenhower 1537RR2	76.0*	3.7	1	35
Midland 3884NR2	76.0*	3.8	1	30
Merschman Garfield 1439RR2	75.9*	3.9	1	32
Mycogen 5N372R2	75.9*	3.7	1	35
Asgrow AG3735	75.8*	3.7	1	25
Asgrow AG3832	75.8*	3.8	1	32
LG Seeds C3989R2	75.1*	3.8	1	33
NuTech/G2 Genetics 7360	75.1*	3.6	1	30
MorSoy 37x24	74.4*	3.7	1	31
Power Plus 34T3	73.6*	3.4	1	30
Pfister Seeds 39R29	73.3*	3.9	1	34
Power Plus 37N5	73.3*	3.7	1	35
NK S34-Z1 Brand	73.1*	3.4	1	32
Merschman Jackson 1536RR2	72.8	3.6	1	31
Bayer BX 3771 RY	72.5	3.7	1	32
Mycogen 5N373R2	72.4	3.7	2	31
Hoblit 384LL	72.2	3.8	1	34
Merschman Roosevelt 1535RR2	72.0	3.5	1	32
ProHarvest 3971CR2Y	71.9	3.9	1	35
Beck 394L4	71.5	3.9	1	29
Hoegemeyer HPT 3997NRR	71.2	3.9	1	30
Merschman Kennedy 1436RR2	71.2	3.6	1	32
MorSoy LL 3944	71.2	3.9	1	33
NK S35-A5 Brand	71.1	3.5	1	34
Power Plus 36J3	70.9	3.6	1	31

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Power Plus 39B3	70.3	3.9	1	38
NuTech/G2 Genetics 7357R2	70.2	3.5	1	34
Merschman Truman 1438LL	70.1	3.8	1	34
Bayer BX 3560 RY	70.0	3.5	1	32
Hoegemeyer HPT LL3716N	69.3	3.7	1	32
Merschman Madison 1539LL	69.3	3.9	1	33
NuTech/G2 Genetics 7346	68.9	3.4	1	35
Beck 379L4	68.6	3.7	1	33
Bayer BX 3233 LL	68.4	3.2	1	32
Midland 3855NR2	68.0	3.8	1	30
Beck 366L4	67.9	3.6	1	32
Midland 3775NR2	67.9	3.7	1	36
Asgrow AG3432	67.6	3.4	1	32
MorSoy LL 3704	67.2	3.7	1	28
NK S38-W4 Brand	67.1	3.8	1	30
Bayer BX 3945 LL	67.0	3.9	1	34
eMerge e3782S	65.6	3.7	1	34
MOSEP 38944	65.0	3.8	1	27
Bayer BX 3841 LL	63.8	3.8	1	33
Merschman Grant 1536LL	63.5	3.6	1	31
Merschman Jefferson 1436LL	61.3	3.6	1	33
Bayer BX 3539 LL	57.9	3.5	1	29
<b>GRAND MEAN</b>	<b>72.2</b>		<b>1</b>	<b>32</b>
<b>LSD (10%)</b>	<b>7.6</b>			
<b>CV (%)</b>	<b>7.8</b>			

\*\* 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 and 5 = more than 80% plants lodged

# Truxton Central Region

## SOYBEAN TEST - MATURITY GROUP 4

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
Lewis 423R2	81.0**	4.2	1	35
MorSoy 47x54	80.8*	4.7	2	39
Merschman Dallas 1549RR2	79.8*	4.9	2	40
Asgrow AG4135	79.4*	4.1	1	35
NuTech/G2 Genetics 7436R2	79.0*	4.3	1	37
NuTech/G2 Genetics 7465	78.1*	4.6	1	37
Mycogen 5N431R2	77.7*	4.3	1	36
ProHarvest 4366CR2Y	77.6*	4.3	1	37
Merschman Nashville 1547RR2	77.3*	4.7	1	44
Mycogen 5N451R2	77.2*	4.5	1	40
Merschman Phoenix 1545RR2	76.8*	4.5	1	36
Midland 4745NR2	76.8*	4.7	1	39
Merschman Atlanta 1549RR2	76.6*	4.9	1	38
Merschman Memphis 1243RR2Y	76.6*	4.3	1	38
MorSoy 46x04	76.3*	4.6	1	37
Lewis 433R2	76.2*	4.3	1	35
Pfister Seeds 43R29	75.8*	4.3	1	34
NuTech/G2 Genetics 7414	75.6*	4.1	1	37
MorSoy 47x12	75.4*	4.7	1	43
MorSoy 43x53	75.0*	4.3	1	34
Dyna-Gro 39RY43	74.8*	4.3	1	37
Power Plus 46A5	74.7*	4.6	1	38
MorSoy Exp 43x44	74.4*	4.3	1	40
Merschman Orlando 1346LL	74.3*	4.6	1	38
Hoegemeyer HPT 4442NRR	74.1*	4.4	1	35
Midland 4044NR2	74.1*	4.0	1	35
MorSoy 41x04	73.9*	4.1	1	38
MorSoy 45x73	73.7*	4.5	2	41
NK S46-L2 Brand	73.5*	4.6	1	36
Asgrow AG4232	73.3	4.2	2	43
Mycogen 5N423R2	73.2	4.2	1	36
Bayer BX 4181 RY	73.1	4.1	2	37
Asgrow AG4034	72.9	4.0	1	34
Merschman Denver 1540RR2	71.8	4.0	1	33
Midland 4373NR2	71.6	4.3	1	33
Merschman Tulsa 1545LL	71.5	4.5	1	35
Beck 419L4	71.2	4.1	1	33
NuTech/G2 Genetics 7407	71.2	4.0	1	37
NK S45-V8 Brand	71.0	4.5	1	37
NK S40-N2 Brand	70.8	4.0	1	32

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
MorSoy LL 4524	70.5	4.5	1	36
NuTech/G2 Genetics 3427L	69.7	4.2	1	35
Merschman Austin 1342LL	68.8	4.2	1	37
Hoblit 405LL	68.4	4.0	1	37
Power Plus 41M4	68.4	4.1	1	38
NK S42-W9 Brand	68.2	4.2	1	35
MPV 4400N	67.8	4.4	1	37
Hoegemeyer HPT 4306NRS	67.7	4.3	1	33
MPV 4238N	67.5	4.2	1	38
SA11-10182	67.1	4.0	1	36
LG Seeds C4010R2	66.4	4.0	1	32
Merschman Norfolk 1541LL	66.4	4.1	1	32
Dyna-Gro S40RY25	66.3	4.0	1	33
Midland 4614NRS2	66.1	4.6	2	40
Mycogen 5N413R2	65.8	4.1	2	33
Hoegemeyer HPT LL4203N	65.1	4.2	1	35
Merschman Boston 1549LL	64.6	4.9	2	44
Bayer BX 4105 LL	64.5	4.1	1	35
SA11-9446	64.3	4.0	2	34
Merschman Tampa 1545LL	63.8	4.5	1	35
Hoegemeyer HPT 4124NRR	61.3	4.1	1	36
Merschman Richmond 1442RR2	59.7	4.2	1	43
S10-11227	46.5	4.1	1	33
<b>GRAND MEAN</b>	<b>71.5</b>		<b>1</b>	<b>37</b>
<b>LSD (10%)</b>	<b>7.6</b>			
<b>CV (%)</b>	<b>7.9</b>			

\*\* 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 and 5 = more than 80% plants lodged

## Central Region Summary

### SOYBEAN TEST - MATURITY GROUP 3

<b>Brand/Variety</b>	<b>Columbia</b> (Bu/Ac)	<b>Grand Pass</b> (Bu/Ac)	<b>Henrietta</b> (Bu/Ac)	<b>Truxton</b> (Bu/Ac)	<b>Mean</b> (Bu/Ac)**
NuTech/G2 Genetics 7384	64.2*	58.6	58.4**	77.3*	64.6**
Mycogen 5N393R2	66.3**	59.6*	52.5	76.9*	63.8*
Merschman Washington 1438RR2	57.4	63.3*	50.2	78.0*	62.2*
Beck 394L4	54.7	68.0**	54.2*	71.5	62.1*
NK S39-U2 Brand	60.8*	55.4	53.3*	79.0*	62.1*
Midland 3983NR2	60.5*	51.6	56.3*	79.9*	62.0*
NuTech/G2 Genetics 7360	58.6	56.2	55.6*	75.1*	61.3*
Midland 3884NR2	61.9*	55.5	51.2	76.0*	61.1
Hoblit 384LL	50.2	64.9*	56.7*	72.2	61.0
Power Plus 39R5	61.0*	50.2	52.2	80.7**	61.0
Pfister Seeds 39R29	54.1	60.4*	55.8*	73.3*	60.9
MorSoy 39x14	58.9	54.4	53.7*	76.3*	60.8
Merschman Eisenhower 1537RR2	61.1*	53.0	52.6	76.0*	60.6
Merschman Madison 1539LL	60.2*	59.4*	53.5*	69.3	60.6
LG Seeds C3989R2	59.1	52.8	55.2*	75.1*	60.5
Asgrow AG3735	56.9	55.5	53.2*	75.8*	60.3
Midland 3925NR2	55.1	55.9	51.7	78.8*	60.3
NK S34-Z1 Brand	62.0*	50.8	54.9*	73.1*	60.2
NuTech/G2 Genetics 7357R2	55.5	63.6*	51.4	70.2	60.1
Dyna-Gro S38RY84	58.0	50.6	53.0*	78.7	60.0
Dyna-Gro S39RY65	62.3*	47.8	50.6	78.5*	59.8
MorSoy 37x24	62.2*	51.9	50.2	74.4*	59.6
Asgrow AG3832	58.1	53.0	51.3	75.8*	59.5
Hoegemeyer HPT 3997NRR	57.3	58.6	51.0	71.2	59.5
MorSoy LL 3944	57.3	60.4*	47.1	71.2	59.0
Lewis 374R2	55.8	50.0	51.7	77.9*	58.8
MOSEP 38944	61.5*	60.2*	48.8	65.0	58.8
Merschman Hayes 1535RR2	55.0	50.9	52.0	76.8*	58.6
Merschman Truman 1438LL	49.9	63.7*	50.9	70.1	58.6
Beck 366L4	55.4	56.0	54.2*	67.9	58.3
Merschman Jefferson 1436LL	57.2	59.8*	54.3*	61.3	58.1
Mycogen 5N385R2	54.6	52.0	48.6	77.5*	58.1
NK S35-A5 Brand	56.3	54.0	51.2	71.1	58.1
Asgrow AG3934	57.5	45.0	52.6	77.1*	58.0
Power Plus 39B3	60.3*	46.2	55.3*	70.3	58.0
Beck 379L4	56.5	53.6	52.9*	68.6	57.9
Merschman Garfield 1439RR2	59.0	42.3	54.3*	75.9*	57.8
ProHarvest 3971CR2Y	59.7	44.5	53.9*	71.9	57.5
Lewis 392R2	56.9	46.3	46.3	79.7*	57.3
Merschman Kennedy 1436RR2	58.6	48.8	50.6	71.2	57.3

<b>Brand/Variety</b>	<b>Columbia</b> (Bu/Ac)	<b>Grand Pass</b> (Bu/Ac)	<b>Henrietta</b> (Bu/Ac)	<b>Truxton</b> (Bu/Ac)	<b>Mean</b> (Bu/Ac)
Midland 3855NR2	59.5	50.2	50.9	68.0	57.1
Mycogen 5N373R2	58.1	40.3	57.0*	72.4	56.9
Power Plus 37N5	57.3	46.1	50.9	73.3*	56.9
Hoegemeyer HPT LL3716N	54.1	55.5	48.6	69.3	56.8
Mycogen 5N372R2	60.2*	45.1	46.0	75.9*	56.8
Bayer BX 3560 RY	60.4*	48.3	47.7	70.0	56.6
Power Plus 36J3	53.5	48.1	53.6*	70.9	56.5
Bayer BX 3841 LL	54.4	52.6	55.0*	63.8	56.4
Merschman Roosevelt 1535RR2	56.9	49.2	47.7	72.0	56.4
NuTech/G2 Genetics 7346	52.5	53.6	50.3	68.9	56.3
Bayer BX 3945 LL	52.8	56.6	47.5	67.0	55.9
Merschman Jackson 1536RR2	57.4	47.9	45.6	72.8	55.9
NK S38-W4 Brand	56.0	46.7	54.1*	67.1	55.9
Midland 3775NR2	57.6	48.5	49.1	67.9	55.7
Power Plus 34T3	52.4	48.8	47.5	73.6*	55.5
Asgrow AG3432	57.5	47.4	46.0	67.6	54.6
Merschman Grant 1536LL	56.5	44.1	52.3	63.5	54.1
MorSoy LL 3704	54.7	44.6	49.6	67.2	54.0
Bayer BX 3233 LL	49.3	52.7	42.6	68.4	53.2
eMerge e3782S	52.7	47.3	45.7	65.6	52.8
Bayer BX 3771 RY	53.3	39.0	46.0	72.5	52.7
Bayer BX 3539 LL	54.1	47.7	38.5	57.9	49.5
<b>GRAND MEAN</b>	<b>57.2</b>	<b>52.5</b>	<b>51.3</b>	<b>72.2</b>	<b>58.3</b>
<b>LSD (10%)</b>	<b>6.1</b>	<b>8.9</b>	<b>5.5</b>	<b>7.6</b>	<b>3.4</b>
<b>CV (%)</b>	<b>7.9</b>	<b>12.5</b>	<b>7.9</b>	<b>7.8</b>	<b>8.7</b>

\*\*\* Moderate to heavy disease pressure (including SDS) affected yields of some varieties at the Annada site and are not included in this region summary table. Yield results for such varieties are provided in the single location tables.

\*\* Highest yielding variety in test

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



## Central Region Summary

### SOYBEAN TEST - MATURITY GROUP 4

<b>Brand/Variety</b>	<b>Columbia</b> (Bu/Ac)	<b>Grand Pass</b> (Bu/Ac)	<b>Henrietta</b> (Bu/Ac)	<b>Truxton</b> (Bu/Ac)	<b>Mean</b> (Bu/Ac)**
Asgrow AG4135	65.1*	73.0**	54.2*	79.4*	67.9**
Merschman Memphis 1243RR2Y	62.2	70.3*	55.8*	76.6*	66.2*
NuTech/G2 Genetics 7465	63.1	65.8*	54.7*	78.1*	65.4*
MorSoy 46x04	68.2**	57.4	57.4*	76.3*	64.8*
Pfister Seeds 43R29	61.8	65.5*	54.8*	75.8*	64.4
ProHarvest 4366CR2Y	58.3	69.2*	52.3	77.6*	64.3
Lewis 423R2	61.4	56.7	56.0*	81.0**	63.7
MorSoy Exp 43x44	63.5*	67.8*	49.2	74.4*	63.7
Mycogen 5N431R2	61.0	64.9*	51.1	77.7*	63.6
Midland 4373NR2	63.9*	62.5	55.7*	71.6	63.4
Merschman Phoenix 1545RR2	61.8	60.7	52.7	76.8*	63.0
Dyna-Gro 39RY43	62.9	62.6	50.7	74.8*	62.7
NuTech/G2 Genetics 7436R2	62.3	63.4	46.2	79.0*	62.7
Lewis 433R2	63.8*	61.0	48.2	76.2*	62.3
Mycogen 5N451R2	65.8*	52.9	52.9	77.2*	62.2
NuTech/G2 Genetics 7414	60.2	62.7	49.7	75.6*	62.0
Merschman Norfolk 1541LL	58.4	68.9*	53.3	66.4	61.7
NuTech/G2 Genetics 7407	60.5	61.2	52.1	71.2	61.2
Merschman Atlanta 1549RR2	60.3	59.7	47.3	76.6*	60.9
Power Plus 41M4	62.1	61.0	52.2	68.4	60.9
MorSoy 45x73	58.9	62.3	47.1	73.7*	60.5
Merschman Denver 1540RR2	60.5	60.7	48.6	71.8	60.4
MorSoy 47x54	60.7	53.0	47.0	80.8*	60.3
MorSoy 43x53	61.4	54.1	50.2	75.0*	60.1
MorSoy 47x12	61.3	50.0	53.6*	75.4*	60.0
Power Plus 46A5	58.7	55.0	50.3	74.7*	59.6
Asgrow AG4034	62.6	50.3	51.5	72.9	59.3
Beck 419L4	56.8	60.8	48.3	71.2	59.2
Hoblit 405LL	65.3*	54.8	48.0	68.4	59.1
MorSoy 41x04	61.5	52.9	47.5	73.9*	58.9
Midland 4614NRS2	59.1	60.7	49.6	66.1	58.8
NuTech/G2 Genetics 3427L	62.1	43.9	59.4**	69.7	58.7
Midland 4745NR2	62.3	50.6	44.8	76.8*	58.6
Dyna-Gro S40RY25	59.6	59.0	48.1	66.3	58.2
Mycogen 5N413R2	59.5	59.3	48.5	65.8	58.2
Hoegemeyer HPT 4306NRS	61.1	59.6	44.2	67.7	58.1
Hoegemeyer HPT LL4203N	60.0	56.2	50.3	65.1	57.9
Merschman Richmond 1442RR2	62.9	59.4	49.1	59.7	57.7
MorSoy LL 4524	65.9*	50.5	43.7	70.5	57.6
Bayer BX 4105 LL	58.0	61.3	46.1	64.5	57.4

<b>Brand/Variety</b>	<b>Columbia</b> (Bu/Ac)	<b>Grand Pass</b> (Bu/Ac)	<b>Henrietta</b> (Bu/Ac)	<b>Truxton</b> (Bu/Ac)	<b>Mean</b> (Bu/Ac)
Bayer BX 4181 RY	61.8	46.6	48.4	73.1	57.4
Merschman Tulsa 1545LL	63.9*	47.1	47.2	71.5	57.4
Merschman Austin 1342LL	56.7	54.6	48.0	68.8	57.0
LG Seeds C4010R2	61.6	55.3	44.0	66.4	56.8
Midland 4044NR2	60.9	43.5	48.9	74.1*	56.8
NK S42-W9 Brand	60.8	44.9	53.6*	68.2	56.8
MPV 4400N	54.4	61.0	42.3	67.8	56.3
NK S45-V8 Brand	60.2	48.1	44.3	71.0	55.9
Mycogen 5N423R2	57.9	43.2	48.5	73.2	55.7
NK S46-L2 Brand	56.1	44.3	45.9	73.5*	54.9
SA11-10182	57.8	49.0	44.4	67.1	54.5
Merschman Tampa 1545LL	63.6*	44.9	45.1	63.8	54.3
Hoegemeyer HPT 4124NRR	63.2*	44.7	47.4	61.3	54.1
Merschman Dallas 1549RR2	58.3	29.7	47.8	79.8*	53.9
NK S40-N2 Brand	64.8*	26.5	51.8	70.8	53.4
SA11-9446	54.0	47.5	45.9	64.3	52.9
Hoegemeyer HPT 4442NRR	57.7	30.2	46.0	74.1*	52.0
Merschman Nashville 1547RR2	60.2	21.5	49.2	77.3*	52.0
MPV 4238N	56.1	40.0	44.4	67.5	52.0
Asgrow AG4232	58.1	25.1	49.5	73.3	51.5
Merschman Orlando 1346LL	57.4	30.7	43.0	74.3*	51.3
Merschman Boston 1549LL	50.7	31.9	40.6	64.6	46.9
S10-11227	51.3	37.7	42.3	46.5	44.4
<b>GRAND MEAN</b>	<b>60.4</b>	<b>51.6</b>	<b>48.7</b>	<b>71.5</b>	<b>58.0</b>
<b>LSD (10%)</b>	<b>5.0</b>	<b>9.4</b>	<b>6.0</b>	<b>7.6</b>	<b>3.4</b>
<b>CV (%)</b>	<b>6.1</b>	<b>13.4</b>	<b>9.1</b>	<b>7.9</b>	<b>8.8</b>

\*\*\* Moderate to heavy disease pressure (including SDS) affected yields of some varieties at the Annada site and are not included in this region summary table. Yield results for such varieties are provided in the single location tables.

\*\* Highest yielding variety in test

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



## SOUTHWEST REGION

### CROP MANAGEMENT SUMMARY for 2014

The Soybean Test was to be conducted at five locations (Harrisonville, Adrian, Urich, Nevada, Lamar) in the Southwest Region. The Nevada location was irrigated with 6.0 inches of water and the Adrian site was irrigated with 5.5 inches. The experiment at Harrisonville was abandoned because of poor stands.

#### Characteristics of the Soybean Test Locations – SOUTHWEST REGION

Location	Soil Type	Soil Test				Precipitation					
		pH	OM	P	K	May	June	July	Aug	Sep	Season <sup>a</sup>
Adrian	Kenoma silt loam	5.9	2.5%	137	348	3.2"	4.8"	3.8"	3.9"	4.8"	20.5"
Harrisonville	Haig silt loam	5.3	2.5%	110	309	2.1"	11.0"	3.7"	3.6"	4.0"	24.4"
Lamar	Parsons silt loam	6.3	1.8%	60	290	3.1"	7.6"	1.8"	3.1"	3.2"	16.8"
Nevada	Parsons silt loam	6.3	2.7%	37	183	1.6"	6.9"	4.2"	3.1"	6.9"	22.7"
Urich	Hartwell silt loam	6.2	2.5%	126	388	1.5"	6.9"	1.8"	5.0"	4.8"	20.0"

<sup>a</sup> Region average season precipitation (May through September) = 20.8", 2.2" below normal

#### Crop Management Practices at the Soybean Test Locations – SOUTHWEST REGION

Location	Dates		Fertilizer			Tillage	Herbicides	
	Planting	Harvest	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		Pre	Post
Adrian	May 29	Oct 28	0	80	100	Notill	Dual II Magnum, Sonic, Roundup PowerMax	none
Harrisonville	abandoned							
Lamar	May 28	Oct 27	25	60	75	Min.	Dual II Magnum, Sonic, Roundup PowerMax	Select
Nevada	May 29	Oct 29	15	35	65	Min.	Dual II Magnum, Sonic, Roundup PowerMax	Select
Urich	June 20	Nov 6	0	50	100	Min.	Dual II Magnum, Sonic, Roundup PowerMax	Select

## Adrian Southwest Region

### SOYBEAN TEST - MATURITY GROUP 4

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
Midland 4963NRS2	79.0**	4.8	1	38
Willcross RY2494NS	75.4*	4.9	1	39
ProHarvest 4871CR2Y	74.7*	4.8	2	38
Merschman Memphis 1243RR2Y	71.6*	4.3	1	39
MorSoy 48x22	70.1	4.8	1	40
Hoegemeyer HPT 4822NRR	69.9	4.8	2	41
Asgrow AG4933	69.2	4.9	1	40
Dyna-Gro 39RY43	68.7	4.3	1	37
Hoegemeyer HPT 4904NR2S	66.0	4.9	1	38
Mycogen 5N478R2	64.2	4.7	1	41
Dyna-Gro S49RY25	62.8	4.9	1	37
Hoegemeyer HPT 4442NRR	62.0	4.4	1	39
Willcross WX2464NS	61.4	4.6	1	39
S11-20356	61.2	4.9	2	39
MorSoy 45x73	61.0	4.5	1	40
Asgrow AG4835	60.8	4.8	1	41
LG Seeds C4696R2	60.5	4.6	1	39
MorSoy 47x12	60.4	4.7	1	43
MPG 4714NRR	60.1	4.7	1	41
Mycogen 5N479R2	59.9	4.7	1	44
Willcross RY2470NS	59.8	4.7	1	38
Willcross WX2454N	59.8	4.5	2	38
Dyna-Gro S48RS53	59.7	4.8	1	40
Asgrow AG4531	59.4	4.5	1	37
Merschman Norfolk 1541LL	59.2	4.1	1	34
MorSoy Exp 49514	59.2	4.9	1	40
Willcross WX2495NS	58.6	4.9	2	40
Merschman Phoenix 1545RR2	58.3	4.5	3	39
Merschman Orlando 1346LL	58.0	4.6	1	38
Mycogen X54490NR2	58.0	4.9	1	42
S09-6262	57.8	4.8	2	40
eMerge e4993	57.7	4.9	1	37
Lewis 445R2	57.1	4.4	1	39
MorSoy 47x54	56.9	4.7	1	40
MorSoy Exp 43x44	56.8	4.3	1	42
Merschman Atlanta 1549RR2	56.4	4.9	1	40
MorSoy LL 4524	56.3	4.5	1	38
Willcross RY2394N	56.2	3.9	1	36
MorSoy 46x04	55.4	4.6	2	38
Asgrow AG4633	55.0	4.6	1	35

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Merschman Austin 1342LL	54.6	4.2	1	37
Lewis 473R2	54.5	4.7	1	40
Merschman Denver 1540RR2	54.5	4.0	1	34
Midland 4745NR2	54.2	4.7	1	40
LG Seeds C4780R2	53.8	4.7	1	40
LG Seeds C4885R2	53.8	4.8	1	42
Midland 4614NRS2	53.4	4.6	2	41
Asgrow AG4730	52.9	4.7	1	39
Merschman Tulsa 1545LL	52.9	4.5	1	35
MorSoy 43x53	52.8	4.3	1	36
NK S48-P4 Brand	52.4	4.8	1	41
Lewis 424R2	51.8	4.2	1	34
Asgrow AG4831	51.1	4.8	1	39
ProHarvest 4584CR2Y	49.5	4.5	2	36
Go Soy 4914	49.4	4.9	2	41
Merschman Tucson 1549LL	48.3	4.9	2	38
MPV 483C	47.9	4.8	2	38
Asgrow AG4934	47.4	4.9	1	38
Merschman Richmond 1442RR2	47.1	4.2	1	35
Merschman Nashville 1547RR2	46.8	4.7	1	40
Merschman Tampa 1545LL	46.4	4.5	1	36
NK S45-V8 Brand	45.9	4.5	1	37
Hoegemeyer HPT LL4809N	44.3	4.8	1	41
Merschman Miami 1349LL	42.6	4.9	1	39
Stoddard	42.0	4.9	4	36
NK S46-L2 Brand	40.7	4.6	2	36
Merschman Boston 1549LL	37.8	4.9	2	40
Merschman Dallas 1549RR2	37.5	4.9	2	37
Go Soy 4713	32.6	4.7	2	39
<b>GRAND MEAN</b>	<b>56.3</b>		<b>1</b>	<b>39</b>
<b>LSD (10%)</b>	<b>8.7</b>			
<b>CV (%)</b>	<b>11.4</b>			

\*\* 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 and 5 = more than 80% plants lodged

## Adrian Southwest Region

### SOYBEAN TEST - MATURITY GROUP 5

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
Mycogen 5N550R2	66.9**	5.5	3	42
Merschman Everest 1552RR2	66.6*	5.2	3	39
Asgrow AG5332	64.3*	5.3	3	40
Merschman Rushmore 1453RR2	63.7*	5.2	2	42
MorSoy Exp 52114	60.9*	5.2	3	40
MorSoy Exp 52014	60.8*	5.2	3	41
Mycogen X54522NR2	60.7*	5.2	3	40
Willcross WX2554N	59.8*	5.5	2	40
MPG 5314NRR	59.1*	5.3	2	42
S11-20124	57.1*	5.2	3	39
NK S52-Y2 Brand	56.8	5.2	1	40
Willcross WX2534N	56.5	5.3	2	40
Mycogen 5N540R2	55.3	5.4	3	41
Asgrow AG5335	53.7	5.3	1	41
Lewis 534R2	52.9	5.3	3	41
Midland 5134NR2	52.6	5.1	1	43
MPG 5214NRR	52.1	5.2	2	42
Jake	51.6	5.4	2	40
Leland	51.2	5.1	3	39
LG Seeds C5122R2	49.4	5.1	2	42
Go Soy 5213	44.6	5.2	1	44
Merschman Whitney 1453LL	41.0	5.3	2	42
Go Soy 5214	36.2	5.2	3	41
<b>GRAND MEAN</b>	<b>55.0</b>		<b>2</b>	<b>41</b>
<b>LSD (10%)</b>	<b>9.9</b>			
<b>CV (%)</b>	<b>13.0</b>			

\*\* 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 and 5 = more than 80% plants lodged

# Lamar Southwest Region

## SOYBEAN TEST - MATURITY GROUP 4

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
Midland 4963NRS2	36.7**	4.8	1	34
Willcross RY2494NS	36.4*	4.9	1	27
Merschman Tucson 1549LL	36.3*	4.9	1	30
S11-20356	36.3*	4.9	1	36
Stoddard	35.5*	4.9	1	18
Merschman Memphis 1243RR2Y	33.9*	4.3	1	27
Willcross WX2495NS	33.9*	4.9	1	25
Asgrow AG4835	33.4*	4.8	1	32
MorSoy 48x22	33.1*	4.8	1	30
MorSoy Exp 49514	32.6*	4.9	1	32
S09-6262	32.6*	4.8	1	31
Asgrow AG4933	32.5*	4.9	1	32
Midland 4614NRS2	32.4	4.6	1	25
Dyna-Gro 39RY43	32.2	4.3	1	29
Merschman Tampa 1545LL	32.2	4.5	1	34
Asgrow AG4831	31.3	4.8	1	24
Mycogen 5N478R2	31.0	4.7	1	30
Hoegemeyer HPT 4822NRR	30.8	4.8	1	32
Hoegemeyer HPT 4904NR2S	30.8	4.9	1	18
ProHarvest 4871CR2Y	30.3	4.8	1	32
Willcross WX2464NS	30.3	4.6	1	22
NK S46-L2 Brand	30.0	4.6	1	29
Asgrow AG4531	29.4	4.5	1	28
Asgrow AG4730	29.4	4.7	1	33
Midland 4745NR2	29.4	4.7	1	33
Merschman Orlando 1346LL	29.1	4.6	1	29
Dyna-Gro S49RY25	29.0	4.9	1	24
MPG 4714NRR	29.0	4.7	1	35
Merschman Atlanta 1549RR2	28.9	4.9	1	26
LG Seeds C4696R2	28.7	4.6	1	29
Mycogen 5N479R2	28.5	4.7	1	24
Merschman Denver 1540RR2	28.4	4.0	1	18
Mycogen X54490NR2	28.2	4.9	1	35
MorSoy 47x12	27.9	4.7	1	33
Asgrow AG4633	27.8	4.6	1	22
Willcross WX2454N	27.8	4.5	1	31
Hoegemeyer HPT 4442NRR	27.7	4.4	1	34
MorSoy 43x53	27.6	4.3	1	25
MPV 483C	27.6	4.8	1	29
Asgrow AG4934	27.1	4.9	1	18



<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Go Soy 4914	27.0	4.9	1	26
Lewis 445R2	26.9	4.4	1	31
MorSoy Exp 43x44	26.9	4.3	1	32
Merschman Austin 1342LL	26.8	4.2	1	20
Lewis 473R2	26.6	4.7	1	21
MorSoy 45x73	26.6	4.5	1	30
MorSoy LL 4524	26.5	4.5	1	18
NK S48-P4 Brand	26.5	4.8	1	31
LG Seeds C4780R2	26.3	4.7	1	34
ProHarvest 4584CR2Y	26.1	4.5	1	15
Merschman Norfolk 1541LL	25.9	4.1	1	25
Merschman Miami 1349LL	25.7	4.9	1	23
Willcross RY2470NS	25.6	4.7	1	34
Dyna-Gro S48RS53	25.5	4.8	1	33
Go Soy 4713	25.3	4.7	1	28
Merschman Nashville 1547RR2	24.9	4.7	1	19
MorSoy 46x04	24.9	4.6	1	23
Merschman Boston 1549LL	24.8	4.9	1	26
Merschman Richmond 1442RR2	24.8	4.2	1	30
Merschman Phoenix 1545RR2	24.5	4.5	1	26
LG Seeds C4885R2	24.4	4.8	1	32
Merschman Tulsa 1545LL	23.8	4.5	1	24
Willcross RY2394N	23.5	3.9	1	19
Merschman Dallas 1549RR2	23.3	4.9	1	18
MorSoy 47x54	22.9	4.7	1	30
Lewis 424R2	22.4	4.2	1	25
NK S45-V8 Brand	22.1	4.5	1	28
Hoegemeyer HPT LL4809N	20.4	4.8	1	20
eMerge e4993	19.7	4.9	1	28
<b>GRAND MEAN</b>	<b>28.2</b>		<b>1</b>	<b>27</b>
<b>LSD (10%)</b>	<b>4.2</b>			
<b>CV (%)</b>	<b>11.0</b>			

\*\* 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 and 5 = more than 80% plants lodged

# Lamar Southwest Region

## SOYBEAN TEST - MATURITY GROUP 5

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
Leland	50.4**	5.1	1	37
Mycogen X54522NR2	47.4*	5.2	1	37
Jake	46.0*	5.4	1	38
MorSoy Exp 52014	44.1	5.2	1	35
S11-20124	43.7	5.2	1	38
Merschman Everest 1552RR2	43.5	5.2	1	37
Asgrow AG5332	41.3	5.3	1	36
Asgrow AG5335	40.7	5.3	1	36
Mycogen 5N540R2	40.2	5.4	1	36
Lewis 534R2	38.4	5.3	1	39
MPG 5214NRR	36.8	5.2	1	37
Go Soy 5214	36.3	5.2	1	36
Merschman Whitney 1453LL	36.1	5.3	1	36
Mycogen 5N550R2	35.7	5.5	1	38
MorSoy Exp 52114	35.6	5.2	1	36
Merschman Rushmore 1453RR2	34.7	5.2	1	38
Midland 5134NR2	34.6	5.1	1	38
MPG 5314NRR	34.3	5.3	1	38
Willcross WX2534N	34.2	5.3	1	35
Willcross WX2554N	34.1	5.5	1	38
LG Seeds C5122R2	33.2	5.1	1	35
NK S52-Y2 Brand	31.1	5.2	1	34
Go Soy 5213	31.0	5.2	1	38
<b>GRAND MEAN</b>	<b>37.8</b>		<b>1</b>	<b>37</b>
<b>LSD (10%)</b>	<b>4.4</b>			
<b>CV (%)</b>	<b>8.5</b>			

\*\* 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 and 5 = more than 80% plants lodged

## Nevada Southwest Region

### SOYBEAN TEST - MATURITY GROUP 4

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
Midland 4963NRS2	52.1**	4.8	1	37
Willcross RY2494NS	51.2*	4.9	1	38
ProHarvest 4871CR2Y	49.9*	4.8	1	39
S11-20356	49.0*	4.9	1	36
Merschman Memphis 1243RR2Y	48.5*	4.3	1	38
Stoddard	47.7*	4.9	1	38
Hoegemeyer HPT 4442NRR	47.5*	4.4	1	38
Hoegemeyer HPT 4904NR2S	47.3*	4.9	1	37
MorSoy 48x22	46.9	4.8	1	34
MorSoy 47x12	45.5	4.7	1	39
Mycogen 5N479R2	45.3	4.7	1	42
MorSoy 45x73	44.8	4.5	1	36
Merschman Phoenix 1545RR2	44.7	4.5	1	35
MorSoy Exp 43x44	44.5	4.3	1	39
Asgrow AG4835	43.9	4.8	1	36
Dyna-Gro S48RS53	43.8	4.8	1	40
Willcross WX2454N	43.6	4.5	1	36
MorSoy 47x54	43.5	4.7	1	37
Merschman Orlando 1346LL	43.3	4.6	1	33
Midland 4614NRS2	43.3	4.6	1	39
MorSoy Exp 49514	43.3	4.9	1	39
Willcross WX2495NS	43.2	4.9	1	39
Willcross RY2470NS	43.0	4.7	1	36
Merschman Richmond 1442RR2	42.4	4.2	1	35
Go Soy 4914	42.3	4.9	1	38
Hoegemeyer HPT LL4809N	42.3	4.8	1	35
MorSoy 43x53	42.3	4.3	1	37
Dyna-Gro S49RY25	42.2	4.9	1	38
S09-6262	42.0	4.8	1	39
Merschman Nashville 1547RR2	41.9	4.7	1	38
Mycogen X54490NR2	41.9	4.9	1	39
Merschman Boston 1549LL	41.6	4.9	1	36
MPV 483C	41.6	4.8	1	36
Merschman Atlanta 1549RR2	41.5	4.9	1	38
Merschman Miami 1349LL	41.5	4.9	1	36
Dyna-Gro 39RY43	41.4	4.3	1	37
Lewis 445R2	41.4	4.4	1	35
Mycogen 5N478R2	41.2	4.7	1	38
Merschman Tucson 1549LL	41.0	4.9	1	32
Hoegemeyer HPT 4822NRR	40.5	4.8	1	39

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Lewis 473R2	40.5	4.7	1	39
Asgrow AG4531	40.1	4.5	1	34
Merschman Denver 1540RR2	40.1	4.0	1	34
Asgrow AG4831	39.9	4.8	1	35
LG Seeds C4696R2	39.7	4.6	1	38
MorSoy 46x04	39.6	4.6	1	33
NK S48-P4 Brand	39.6	4.8	1	36
Midland 4745NR2	39.5	4.7	1	35
Asgrow AG4934	39.4	4.9	1	37
ProHarvest 4584CR2Y	39.4	4.5	1	35
MorSoy LL 4524	38.8	4.5	1	35
NK S45-V8 Brand	38.5	4.5	1	36
Asgrow AG4933	38.4	4.9	1	40
Merschman Dallas 1549RR2	37.8	4.9	1	36
Asgrow AG4633	37.6	4.6	1	34
Merschman Norfolk 1541LL	37.6	4.1	1	37
MPG 4714NRR	37.6	4.7	1	37
LG Seeds C4885R2	37.5	4.8	1	39
eMerge e4993	37.4	4.9	1	37
Willcross RY2394N	37.0	3.9	1	32
Willcross WX2464NS	36.8	4.6	1	36
Merschman Tulsa 1545LL	36.5	4.5	1	31
Asgrow AG4730	36.4	4.7	1	34
Merschman Tampa 1545LL	36.2	4.5	1	34
NK S46-L2 Brand	36.2	4.6	1	38
Lewis 424R2	35.9	4.2	1	35
LG Seeds C4780R2	35.6	4.7	1	36
Merschman Austin 1342LL	35.4	4.2	1	33
Go Soy 4713	34.3	4.7	1	38
<b>GRAND MEAN</b>	<b>41.4</b>		<b>1</b>	<b>37</b>
<b>LSD (10%)</b>	<b>4.9</b>			
<b>CV (%)</b>	<b>8.8</b>			

\*\* 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 and 5 = more than 80% plants lodged

# Nevada Southwest Region

## SOYBEAN TEST - MATURITY GROUP 5

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
Leland	57.6**	5.1	1	40
S11-20124	54.8*	5.2	2	45
Asgrow AG5332	53.5*	5.3	1	39
Jake	53.3*	5.4	1	40
Lewis 534R2	50.4	5.3	1	43
Mycogen X54522NR2	49.3	5.2	2	43
Willcross WX2534N	48.5	5.3	1	40
MPG 5214NRR	48.3	5.2	1	40
NK S52-Y2 Brand	47.4	5.2	1	38
Willcross WX2554N	47.0	5.5	1	44
Merschman Rushmore 1453RR2	46.9	5.2	1	43
Mycogen 5N550R2	45.1	5.5	1	42
Merschman Everest 1552RR2	45.0	5.2	1	41
Asgrow AG5335	44.8	5.3	1	40
Midland 5134NR2	44.4	5.1	1	42
MorSoy Exp 52114	41.9	5.2	1	39
Mycogen 5N540R2	39.3	5.4	1	43
Merschman Whitney 1453LL	39.2	5.3	1	40
MPG 5314NRR	38.0	5.3	1	40
LG Seeds C5122R2	37.3	5.1	1	44
Go Soy 5214	35.2	5.2	1	39
Go Soy 5213	35.0	5.2	1	44
MorSoy Exp 52014	34.9	5.2	2	43
<b>GRAND MEAN</b>	<b>44.8</b>		<b>1</b>	<b>41</b>
<b>LSD (10%)</b>	<b>6.5</b>			
<b>CV (%)</b>	<b>10.5</b>			

\*\* 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 and 5 = more than 80% plants lodged

# Urich Southwest Region

## SOYBEAN TEST - MATURITY GROUP 4

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
Midland 4963NRS2	68.3**	4.8	1	36
Willcross RY2494NS	65.9*	4.9	1	34
MorSoy 46x04	63.7*	4.6	1	36
Hoegemeyer HPT 4904NR2S	63.0*	4.9	1	32
Asgrow AG4531	62.3*	4.5	1	34
Dyna-Gro 39RY43	62.0*	4.3	1	32
Dyna-Gro S48RS53	60.5	4.8	1	43
MorSoy 45x73	60.1	4.5	1	38
MorSoy Exp 43x44	60.0	4.3	1	39
ProHarvest 4871CR2Y	60.0	4.8	1	34
Midland 4614NRS2	59.9	4.6	1	35
Merschman Nashville 1547RR2	59.8	4.7	1	36
Mycogen 5N478R2	59.4	4.7	2	40
eMerge e4993	59.2	4.9	1	32
MorSoy 47x54	59.1	4.7	1	38
Willcross WX2454N	59.0	4.5	1	31
Merschman Phoenix 1545RR2	58.4	4.5	1	35
Willcross RY2470NS	58.3	4.7	1	35
Merschman Dallas 1549RR2	57.9	4.9	1	35
Merschman Memphis 1243RR2Y	57.6	4.3	1	33
Willcross WX2464NS	57.6	4.6	1	36
Willcross WX2495NS	57.6	4.9	1	35
Merschman Tulsa 1545LL	57.5	4.5	1	30
MorSoy 48x22	57.4	4.8	2	33
Merschman Orlando 1346LL	57.3	4.6	1	35
Mycogen 5N479R2	57.2	4.7	2	40
Asgrow AG4633	57.1	4.6	1	33
Asgrow AG4835	57.1	4.8	1	38
Lewis 445R2	57.0	4.4	1	33
Midland 4745NR2	56.9	4.7	1	37
Lewis 424R2	56.8	4.2	1	34
NK S46-L2 Brand	56.5	4.6	2	35
Dyna-Gro S49RY25	55.3	4.9	1	35
MorSoy LL 4524	55.1	4.5	1	29
Asgrow AG4831	54.8	4.8	1	34
MorSoy 43x53	54.4	4.3	1	38
ProHarvest 4584CR2Y	54.4	4.5	1	31
Hoegemeyer HPT 4442NRR	54.2	4.4	1	32
Merschman Richmond 1442RR2	54.2	4.2	1	35
Mycogen X54490NR2	53.5	4.9	1	36

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
NK S45-V8 Brand	53.5	4.5	1	36
LG Seeds C4696R2	53.4	4.6	1	36
Hoegemeyer HPT LL4809N	53.2	4.8	1	34
MorSoy Exp 49514	52.6	4.9	1	38
Asgrow AG4933	52.3	4.9	1	33
LG Seeds C4780R2	52.1	4.7	1	39
S11-20356	52.1	4.9	3	41
Merschman Norfolk 1541LL	51.8	4.1	1	31
NK S48-P4 Brand	51.8	4.8	1	38
Asgrow AG4730	51.7	4.7	1	34
Merschman Boston 1549LL	51.7	4.9	2	39
Merschman Miami 1349LL	51.7	4.9	1	36
MorSoy 47x12	51.7	4.7	1	39
MPV 483C	51.5	4.8	2	41
Merschman Denver 1540RR2	50.8	4.0	1	34
LG Seeds C4885R2	50.3	4.8	2	42
Go Soy 4914	50.1	4.9	2	35
Asgrow AG4934	49.9	4.9	1	36
Merschman Tucson 1549LL	49.6	4.9	2	33
Merschman Tampa 1545LL	49.2	4.5	1	34
Willcross RY2394N	48.9	3.9	1	30
MPG 4714NRR	47.2	4.7	1	36
Stoddard	47.2	4.9	3	31
Merschman Atlanta 1549RR2	46.8	4.9	1	32
Lewis 473R2	45.6	4.7	2	40
Hoegemeyer HPT 4822NRR	44.5	4.8	1	41
Go Soy 4713	43.9	4.7	1	32
Merschman Austin 1342LL	43.2	4.2	1	33
S09-6262	42.5	4.8	2	37
<b>GRAND MEAN</b>	<b>54.8</b>		<b>1</b>	<b>35</b>
<b>LSD (10%)</b>	<b>6.4</b>			
<b>CV (%)</b>	<b>8.6</b>			

\*\* 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 and 5 = more than 80% plants lodged

**Urich Southwest Region**  
**SOYBEAN TEST - MATURITY GROUP 5**

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Asgrow AG5332	62.1**	5.3	4	34
Asgrow AG5335	59.8*	5.3	1	37
Willcross WX2534N	57.8*	5.3	1	34
LG Seeds C5122R2	55.0	5.1	1	37
Merschman Whitney 1453LL	54.6	5.3	2	40
MorSoy Exp 52114	54.3	5.2	2	34
NK S52-Y2 Brand	54.3	5.2	1	35
S11-20124	52.8	5.2	5	48
Lewis 534R2	52.6	5.3	2	38
Jake	52.2	5.4	4	41
Go Soy 5213	51.7	5.2	2	46
Leland	51.3	5.1	4	44
Midland 5134NR2	51.3	5.1	1	44
Merschman Rushmore 1453RR2	51.0	5.2	4	43
MPG 5314NRR	50.6	5.3	1	37
Mycogen X54522NR2	50.3	5.2	4	42
Mycogen 5N550R2	48.6	5.5	4	47
Willcross WX2554N	48.5	5.5	3	45
Merschman Everest 1552RR2	47.9	5.2	4	43
Go Soy 5214	46.2	5.2	1	38
Mycogen 5N540R2	46.0	5.4	4	43
MPG 5214NRR	45.8	5.2	4	50
MorSoy Exp 52014	41.7	5.2	3	40
<b>GRAND MEAN</b>	<b>51.5</b>		<b>3</b>	<b>41</b>
<b>LSD (10%)</b>	<b>6.1</b>			
<b>CV (%)</b>	<b>8.7</b>			

\*\* 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 and 5 = more than 80% plants lodged



## Southwest Region Summary

### SOYBEAN TEST - MATURITY GROUP 4

Brand/Variety	Adrian (Bu/Ac)	Lamar (Bu/Ac)	Nevada (Bu/Ac)	Urich (Bu/Ac)	Mean (Bu/Ac)
Midland 4963NRS2	79.0**	36.7**	52.1**	68.3**	59.0**
Willcross RY2494NS	75.4*	36.4*	51.2*	65.9*	57.2*
ProHarvest 4871CR2Y	74.7*	30.3	49.9*	60.0	53.7
Merschman Memphis 1243RR2Y	71.6*	33.9*	48.5*	57.6	52.9
MorSoy 48x22	70.1	33.1*	46.9	57.4	51.8
Hoegemeyer HPT 4904NR2S	66.0	30.8	47.3*	63.0*	51.7
Dyna-Gro 39RY43	68.7	32.2	41.4	62.0*	51.0
S11-20356	61.2	36.3*	49.0*	52.1	49.6
Mycogen 5N478R2	64.2	31.0	41.2	59.4	48.9
Asgrow AG4835	60.8	33.4*	43.9	57.1	48.8
Willcross WX2495NS	58.6	33.9*	43.2	57.6	48.3
Asgrow AG4933	69.2	32.5*	38.4	52.3	48.1
MorSoy 45x73	61.0	26.6	44.8	60.1	48.1
Asgrow AG4531	59.4	29.4	40.1	62.3*	47.8
Hoegemeyer HPT 4442NRR	62.0	27.7	47.5*	54.2	47.8
Mycogen 5N479R2	59.9	28.5	45.3	57.2	47.7
Willcross WX2454N	59.8	27.8	43.6	59.0	47.5
Dyna-Gro S48RS53	59.7	25.5	43.8	60.5	47.3
Dyna-Gro S49RY25	62.8	29.0	42.2	55.3	47.3
Midland 4614NRS2	53.4	32.4	43.3	59.9	47.2
MorSoy Exp 43x44	56.8	26.9	44.5	60.0	47.0
Merschman Orlando 1346LL	58.0	29.1	43.3	57.3	46.9
MorSoy Exp 49514	59.2	32.6*	43.3	52.6	46.9
Willcross RY2470NS	59.8	25.6	43.0	58.3	46.6
Willcross WX2464NS	61.4	30.3	36.8	57.6	46.5
Hoegemeyer HPT 4822NRR	69.9	30.8	40.5	44.5	46.4
Merschman Phoenix 1545RR2	58.3	24.5	44.7	58.4	46.4
MorSoy 47x12	60.4	27.9	45.5	51.7	46.3
MorSoy 46x04	55.4	24.9	39.6	63.7*	45.9
Lewis 445R2	57.1	26.9	41.4	57.0	45.6
MorSoy 47x54	56.9	22.9	43.5	59.1	45.6
LG Seeds C4696R2	60.5	28.7	39.7	53.4	45.5
Mycogen X54490NR2	58.0	28.2	41.9	53.5	45.4
Midland 4745NR2	54.2	29.4	39.5	56.9	45.0
Asgrow AG4633	55.0	27.8	37.6	57.1	44.3
Asgrow AG4831	51.1	31.3	39.9	54.8	44.2
MorSoy 43x53	52.8	27.6	42.3	54.4	44.2
MorSoy LL 4524	56.3	26.5	38.8	55.1	44.1
Merschman Tucson 1549LL	48.3	36.3*	41.0	49.6	43.8
S09-6262	57.8	32.6*	42.0	42.5	43.7

<b>Brand/Variety</b>	<b>Adrian</b> (Bu/Ac)	<b>Lamar</b> (Bu/Ac)	<b>Nevada</b> (Bu/Ac)	<b>Urlich</b> (Bu/Ac)	<b>Mean</b> (Bu/Ac)
Merschman Norfolk 1541LL	59.2	25.9	37.6	51.8	43.6
eMerge e4993	57.7	19.7	37.4	59.2	43.5
Merschman Atlanta 1549RR2	56.4	28.9	41.5	46.8	43.4
Merschman Denver 1540RR2	54.5	28.4	40.1	50.8	43.4
MPG 4714NRR	60.1	29.0	37.6	47.2	43.4
Merschman Nashville 1547RR2	46.8	24.9	41.9	59.8	43.3
Stoddard	42.0	35.5*	47.7*	47.2	43.1
Asgrow AG4730	52.9	29.4	36.4	51.7	42.6
Merschman Tulsa 1545LL	52.9	23.8	36.5	57.5	42.6
NK S48-P4 Brand	52.4	26.5	39.6	51.8	42.5
ProHarvest 4584CR2Y	49.5	26.1	39.4	54.4	42.3
Go Soy 4914	49.4	27.0	42.3	50.1	42.2
Merschman Richmond 1442RR2	47.1	24.8	42.4	54.2	42.1
MPV 483C	47.9	27.6	41.6	51.5	42.1
LG Seeds C4780R2	53.8	26.3	35.6	52.1	41.9
Lewis 473R2	54.5	26.6	40.5	45.6	41.8
Lewis 424R2	51.8	22.4	35.9	56.8	41.7
LG Seeds C4885R2	53.8	24.4	37.5	50.3	41.5
Willcross RY2394N	56.2	23.5	37.0	48.9	41.4
Merschman Tampa 1545LL	46.4	32.2	36.2	49.2	41.0
Asgrow AG4934	47.4	27.1	39.4	49.9	40.9
NK S46-L2 Brand	40.7	30.0	36.2	56.5	40.8
Merschman Miami 1349LL	42.6	25.7	41.5	51.7	40.3
Hoegemeyer HPT LL4809N	44.3	20.4	42.3	53.2	40.0
Merschman Austin 1342LL	54.6	26.8	35.4	43.2	40.0
NK S45-V8 Brand	45.9	22.1	38.5	53.5	40.0
Merschman Dallas 1549RR2	37.5	23.3	37.8	57.9	39.1
Merschman Boston 1549LL	37.8	24.8	41.6	51.7	38.9
Go Soy 4713	32.6	25.3	34.3	43.9	34.0
<b>GRAND MEAN</b>	<b>56.3</b>	<b>28.2</b>	<b>41.4</b>	<b>54.8</b>	<b>45.2</b>
<b>LSD (10%)</b>	<b>8.7</b>	<b>4.2</b>	<b>4.9</b>	<b>6.4</b>	<b>2.9</b>
<b>CV (%)</b>	<b>11.4</b>	<b>11.0</b>	<b>8.8</b>	<b>8.6</b>	<b>9.7</b>

\*\* Highest yielding variety in test

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

## Southwest Region Summary

### SOYBEAN TEST - MATURITY GROUP 5

<b>Brand/Variety</b>	<b>Adrian</b> (Bu/Ac)	<b>Lamar</b> (Bu/Ac)	<b>Nevada</b> (Bu/Ac)	<b>Urich</b> (Bu/Ac)	<b>Mean</b> (Bu/Ac)
Asgrow AG5332	64.3*	41.3	53.5*	62.1**	55.3**
Leland	51.2	50.4**	57.6**	51.3	52.6*
S11-20124	57.1*	43.7	54.8*	52.8	52.1*
Mycogen X54522NR2	60.7*	47.4*	49.3	50.3	51.9*
Jake	51.6	46.0*	53.3*	52.2	50.7
Merschman Everest 1552RR2	66.6*	43.5	45.0	47.9	50.7
Asgrow AG5335	53.7	40.7	44.8	59.8*	49.7
Willcross WX2534N	56.5	34.2	48.5	57.8*	49.2
Merschman Rushmore 1453RR2	63.7*	34.7	46.9	51.0	49.0
Mycogen 5N550R2	66.9**	35.7	45.1	48.6	49.0
Lewis 534R2	52.9	38.4	50.4	52.6	48.5
MorSoy Exp 52114	60.9*	35.6	41.9	54.3	48.1
NK S52-Y2 Brand	56.8	31.1	47.4	54.3	47.4
Willcross WX2554N	59.8*	34.1	47.0	48.5	47.3
Midland 5134NR2	52.6	34.6	44.4	51.3	45.7
MPG 5214NRR	52.1	36.8	48.3	45.8	45.7
MPG 5314NRR	59.1*	34.3	38.0	50.6	45.5
MorSoy Exp 52014	60.8*	44.1	34.9	41.7	45.3
Mycogen 5N540R2	55.3	40.2	39.3	46.0	45.2
LG Seeds C5122R2	49.4	33.2	37.3	55.0	43.7
Merschman Whitney 1453LL	41.0	36.1	39.2	54.6	42.7
Go Soy 5213	44.6	31.0	35.0	51.7	40.5
Go Soy 5214	36.2	36.3	35.2	46.2	38.4
<b>GRAND MEAN</b>	<b>55.0</b>	<b>37.8</b>	<b>44.8</b>	<b>51.5</b>	<b>47.3</b>
<b>LSD (10%)</b>	<b>9.9</b>	<b>4.4</b>	<b>6.5</b>	<b>6.1</b>	<b>3.4</b>
<b>CV (%)</b>	<b>13.0</b>	<b>8.5</b>	<b>10.5</b>	<b>8.7</b>	<b>10.6</b>

\*\* Highest yielding variety in test

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

## SOUTHEAST REGION

### CROP MANAGEMENT SUMMARY for 2014

The Soybean Test was to be conducted at five locations (Chaffee, Morehouse, New Madrid, Portageville loam, Portageville clay) in the Southeast Region. Irrigation was available at all five locations. The Portageville loam location was abandoned because of poor and uneven stands. The Maturity Group 5 soybean varieties at Morehouse could not be harvested because of continued wet field conditions. Moderate to heavy disease pressure (including SDS) at the Chaffee location affected yields of some varieties. Yield results are provided in the Chaffee location table, but are not used in the region means table.

#### Characteristics of the Soybean Test Locations – SOUTHEAST REGION

Location	Soil Type	Soil Test				Precipitation						Irrigation
		pH	OM	P	K	May	June	July	Aug	Sep	Season <sup>a</sup>	
Chaffee	Commerce silt loam	6.9	1.7%	96	616	5.6"	6.3"	2.4"	5.7"	2.4"	22.4"	4.5"
Morehouse	Sharkey clay	5.9	2.5%	50	314	5.0"	4.8"	3.3"	3.9"	2.8"	19.8"	4.0"
New Madrid	Bosket sandy loam	6.4	1.2%	118	307	3.2"	5.8"	4.2"	6.5"	1.6"	21.3"	6.0"
Portageville Clay	Portageville clay	7.1	2.6%	106	714	3.6"	8.4"	1.7"	4.6"	1.9"	20.2"	24.0"
Portageville Loam	Tiptonville silt loam	7.0	1.1%	105	341	3.6"	8.4"	1.7"	4.6"	1.9"	20.2"	0.0"

<sup>a</sup> Region average season precipitation (May through September) = 19.9", 0.8" above normal

#### Crop Management Practices at the Soybean Test Locations – SOUTHEAST REGION

Location	Dates		Fertilizer			Tillage	Herbicides	
	Planting	Harvest	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		Pre	Post
Chaffee	May 22	Oct 23	0	0	0	Conv.	Dual II Magnum, Sonic	none
Morehouse	June 4	Nov 19	0	0	0	Conv.	Dual II Magnum, Sonic	none
New Madrid	May 22	Nov 18	35	90	50	Conv.	Dual II Magnum, Sonic	none
Portageville Clay	May 21	Oct 27	0	0	0	Conv.	Dual II Magnum, Sonic	none
Portageville Loam	abandoned							

**Chaffee** Southeast Region \*\*\*  
**SOYBEAN TEST - MATURITY GROUP 4**

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Progeny 4211RY	76.3**	4.2	2	42
REV 39A35	73.5*	3.9	3	43
Stone Seed 2R4302	71.5*	4.3	1	40
Progeny 4440RY	70.7*	4.4	1	35
Mycogen 5N478R2	70.2*	4.7	2	47
REV 48R44	70.1*	4.8	3	46
Warren Seed DS 4340 R2Y	70.0*	4.3	1	36
HS 42A12	69.8*	4.2	2	42
Merschman Memphis 1243RR2Y	68.9*	4.3	2	42
MorSoy Extra 44X82	68.6*	4.4	1	40
Stone Seed 2R4003	68.3*	4.0	1	39
Dyna-Gro S47RY13	68.0*	4.7	1	34
REV 46R64	67.8*	4.6	2	47
MorSoy Extra 46X04	67.2	4.6	2	47
Warren Seed DS 4633 R2Y	67.1	4.6	2	44
HS 45A12	66.6	4.5	2	43
MorSoy Extra 48X02	65.8	4.8	2	46
Delta Grow DG4755R2	65.3	4.7	2	47
MorSoy Extra 47X12	65.3	4.7	1	46
Armor 44-R08	64.8	4.4	1	43
LG Seeds C4696R2	64.7	4.6	2	48
HS 43A42	64.5	4.3	2	45
Armor 47-R13	63.8	4.7	2	50
MorSoy 43x53	63.6	4.3	1	41
Merschman Richmond 1442RR2	63.5	4.2	1	43
MorSoy 45x73	63.4	4.5	2	43
MorSoy Exp 43x44	63.4	4.3	2	45
Armor AX4450	63.3	4.5	3	50
NK S41-J6 Brand	62.3	4.1	1	47
Armor AX4391	62.0	3.9	1	37
HS 47A42	62.0	4.7	1	45
MorSoy LL 4524	61.9	4.5	1	37
Merschman Phoenix 1545RR2	61.8	4.5	2	42
Beck 449L4	61.3	4.4	1	34
REV 49R94	61.3	4.9	1	44
Progeny 4900RY	60.6	4.9	1	45
Warren Seed DS 4850 R2Y/STS	60.6	4.8	1	44
eMerge e4993	60.5	4.9	3	45
Halo X440	60.5	4.0	1	37
Armor 39-R16	60.3	3.9	1	42

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Warren Seed DST 40-001 R2Y	60.2	4.0	1	35
Armor 43-R43	59.9	4.3	1	42
Dyna-Gro S48RS53	59.9	4.8	2	46
HS 45A42	59.9	4.5	1	45
Beck 419L4	59.8	4.1	2	36
Pfister Seeds 47R22	59.8	4.7	1	42
Bayer BX 4959 RY	59.7	4.9	2	44
Progeny 4613RYS	59.5	4.6	2	47
USG 74B83R	59.5	4.8	1	41
USG 74F53R	59.4	4.5	2	42
Dyna-Gro S49RY25	59.3	4.9	2	47
Delta Grow DG4670RR2	59.1	4.6	1	45
Merschman Denver 1540RR2	59.1	4.0	1	39
MorSoy Extra 49X54	58.9	4.9	2	48
REV 41A05	58.9	4.1	1	39
Armor AX4390	58.6	3.9	1	36
Dyna-Gro S46RY85	58.4	4.6	3	44
Armor AX4440	58.1	4.4	4	40
Merschman Tampa 1545LL	58.1	4.5	1	42
Merschman Norfolk 1541LL	58.0	4.1	1	39
Delta Grow DG4685RR2	57.9	4.6	3	43
Mycogen X54490NR2	57.9	4.9	2	50
LG Seeds C4544R2	57.6	4.5	1	42
Armor 48-R66	57.3	4.8	2	44
HS 44L42	57.2	4.4	1	40
Merschman Austin 1342LL	57.2	4.2	2	39
Armor X447C	57.1	4.7	3	45
REV 42A65	56.9	4.2	1	41
NK S43-K1 Brand	56.6	4.5	2	40
Bayer HBK LL4653	56.4	4.6	1	40
Mycogen 5N479R2	56.0	4.7	3	51
Armor AX4410	55.5	4.1	1	39
Merschman Tulsa 1545LL	55.5	4.5	1	39
Armor X48C	55.4	4.8	3	45
HS 48A22	55.0	4.8	2	41
Beck 423NL	54.8	4.2	1	37
REV 49A55	54.7	4.9	1	45
MorSoy 48x22	54.6	4.8	4	43
Dyna-Gro 31RY45	54.5	4.5	1	37
Armor 46-R65	54.2	4.6	3	48

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
NK S40-N2 Brand	54.1	4.0	1	37
Stone Seed 2R4500STS	53.9	4.5	2	42
Mycogen 5N451R2	53.8	4.5	2	42
Armor 49-R56	53.7	4.9	1	37
NK S47-K5 Brand	53.2	4.7	1	42
REV 47R34	53.2	4.7	4	48
Bayer HBK RY4721	53.1	4.7	2	45
Progeny 4850RYS	52.9	4.8	2	48
Stone Seed 2R4903STS	52.9	4.9	2	49
Delta Grow DG4985RR2	52.6	4.9	2	52
MPG 4714 NRR	52.4	4.7	3	45
Merschman Dallas 1549RR2	50.9	4.9	3	42
Delta Grow DG4825RR2/STS	50.7	4.8	3	48
Progeny 4788RY	50.2	4.7	2	48
Warren Seed DS 4330 R2Y	50.1	4.3	2	41
Bayer HBK RY4620	49.6	4.6	2	43
Delta Grow DG4765RR2/STS	49.6	4.7	3	48
MorSoy Extra 48X34	49.1	4.8	1	49
Armor AX4470	49.0	4.7	2	41
Armor AX4490	48.8	4.9	2	47
Merschman Nashville 1547RR2	48.0	4.7	2	46
Merschman Atlanta 1549RR2	47.7	4.9	3	46
Bayer BX 4748 LL	47.2	4.7	2	42
MPV 483C	47.1	4.8	3	45
NK S46-L2 Brand	47.0	4.6	3	40
Halo 4:40	46.9	4.4	2	43
Armor X49C	46.8	4.9	3	50
Armor X47C	46.4	4.7	2	42
Halo X448	46.4	4.8	1	35
LG Seeds C4919R2	46.4	4.9	1	46
Delta Grow DG4925RR2	46.0	4.9	1	49
S11-20356	45.7	4.9	4	42
NK S45-V8 Brand	45.6	4.5	1	40
REV 48R22	45.1	4.8	2	44
Armor AX4480	44.8	4.8	1	42
Armor AX4471	44.7	4.7	3	42
Delta Grow DG4880RR	44.6	4.8	2	41
USG 74B94RS	44.0	4.7	3	48
R08-2797	43.7	4.7	2	48
Halo 4:76	43.1	4.7	2	49

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
HS 49A42	43.0	4.9	1	47
S09-6262	42.2	4.8	3	48
MorSoy 47x54	41.6	4.7	1	43
Armor 49-C3	41.5	4.9	4	37
Delta Grow DG4930RR2/STS	40.8	4.9	2	47
Progeny 4510RYS	40.7	4.5	2	43
Bayer HBK LL4650	40.6	4.6	2	42
Delta Grow DG4940RR	39.6	4.9	4	49
Beck 483NL	39.3	4.8	3	46
Progeny 4560LL	39.0	4.5	3	43
Stoddard	38.9	4.9	4	38
R05-3239	38.3	4.9	2	43
R09-4571	38.0	4.9	3	48
Progeny 4747RY	37.7	4.7	2	40
HS 48L22	36.9	4.8	2	42
REV 49A75	36.8	4.9	2	42
Merschman Tucson 1549LL	35.5	4.9	1	50
REV 47R53	33.5	4.7	3	42
Merschman Boston 1549LL	33.4	4.9	2	53
REV 49L29	32.6	4.9	2	47
Merschman Orlando 1346LL	32.3	4.6	1	35
Bayer HBK LL4850	30.9	4.8	1	42
Halo 4:95	29.6	4.9	1	40
Go Soy 4914	29.4	4.9	3	48
Delta Grow DG4970RR	26.7	4.9	3	53
Ellis	25.7	4.9	1	37
Progeny 4819LL	24.5	4.8	1	42
Progeny 4930LL	20.5	4.9	1	48
Halo X449	19.5	4.9	3	54
Delta Grow DG4990LL	17.6	4.9	1	48
Delta Grow DG4981LL/STS	17.5	4.9	2	59
Delta Grow DG4967LL	16.0	4.9	2	51
Bayer HBK LL4953	15.2	4.9	1	47
Merschman Miami 1349LL	14.1	4.9	1	43
Bayer HBK LL4950	11.7	4.9	1	51
Halo 4:97	8.2	4.9	1	45
Delta Grow DG4767LL	6.6	4.7	3	46
Progeny 4928LL	5.3	4.9	1	46
Halo 4:94	5.2	4.9	1	43
Progeny 4620LLS	4.7	4.6	1	45



<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Go Soy 4713	4.6	4.7	1	40
<b>GRAND MEAN</b>	<b>50.3</b>		<b>2</b>	<b>44</b>
<b>LSD (10%)</b>	<b>8.5</b>			
<b>CV (%)</b>	<b>12.5</b>			

\*\*\* Moderate to heavy disease pressure (including SDS) affected yields of some varieties.  
Yield results are provided in this table, but are not used in the region summary table.

\*\* 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 and 5 = more than 80% plants lodged

## **Chaffee Southeast Region\*\*\***

### **SOYBEAN TEST - MATURITY GROUP 5**

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
S11-20124	61.8**	5.2	2	48
Armor 50-R44	59.5*	5.0	1	48
Jake	59.1*	5.4	2	41
Dyna-Gro S52RY75	58.3*	5.2	1	42
Merschman Everest 1552RR2	58.2*	5.2	1	39
MorSoy Exp 52014	57.7*	5.2	2	42
Progeny 5213RY	54.6*	5.2	1	48
Armor AX4500	53.9*	5.0	1	45
Delta Grow DG5230RR2	52.1	5.2	2	43
Leland	51.0	5.1	1	34
MPG 5214NRR	50.9	5.2	3	51
Armor AX4520	50.6	5.2	3	45
Progeny 5160LL	50.6	5.1	1	33
Mycogen 5N550R2	50.1	5.5	2	48
REV 53R23	48.7	5.3	1	39
NK S52-Y2 Brand	48.3	5.2	1	41
MorSoy Exp 52114	46.9	5.2	1	42
REV 51R53	46.6	5.1	1	40
Mycogen X54522NR2	44.3	5.2	2	43
Delta Grow DG5480RR2	43.6	5.4	2	43
Delta Grow DG5267LL	43.4	5.2	1	43
MorSoy Extra 51X31	42.4	5.1	1	44
REV 52A94	42.2	5.2	2	41
Delta Grow DG5367LL	41.8	5.3	2	49
NK S51-C5 Brand	41.7	5.1	1	39

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Dyna-Gro S54RY43	41.6	5.4	2	42
REV 57R21	41.0	5.7	2	50
Mycogen 5N540R2	40.9	5.4	1	42
Halo X452	40.8	5.2	1	47
Halo 5:45	40.7	5.4	1	43
Merschman Rushmore 1453RR2	40.1	5.2	1	43
Go Soy 5214	39.8	5.2	1	46
REV 56R63	35.8	5.6	2	47
REV 55R53	35.6	5.5	3	42
REV 52R74	35.4	5.2	1	36
MPG 5314NRR	35.2	5.3	1	45
Dyna-Gro 32RY55	34.9	5.5	1	43
Go Soy 5213	34.6	5.2	1	54
Delta Grow DG5475RR2	34.4	5.4	2	41
MorSoy Extra 53X82	34.2	5.3	2	43
Delta Grow DG5481LL	33.7	5.4	1	43
Progeny 5333RY	33.3	5.3	1	34
Bayer HBK RY5221	33.2	5.2	1	45
Bayer HBK RY5421	30.4	5.4	1	43
NK S55-Q3 Brand	30.4	5.5	1	39
Merschman Whitney 1453LL	28.5	5.3	1	39
Halo 5:01	28.4	5.0	1	39
Progeny 5220LLS	26.6	5.2	1	54
REV 54R84	25.4	5.4	1	26
MorSoy Extra 54X41	24.8	5.4	1	45
Bayer BX 5242 LL	24.2	5.2	1	45
Delta Grow DG5461LL	20.6	5.4	1	41
Bayer BX 5150 LL	20.3	5.1	1	42
Halo X451	19.5	5.1	1	37
Halo 5:25	19.4	5.2	1	37
Halo 5:26	5.7	5.2	1	39
<b>GRAND MEAN</b>	<b>40.6</b>		<b>1</b>	<b>37</b>
<b>LSD (10%)</b>	<b>8.6</b>			
<b>CV (%)</b>	<b>15.8</b>			

\*\*\* Moderate to heavy disease pressure (including SDS) affected yields of some varieties.  
Yield results are provided in this table, but are not used in the region summary table.

\*\* 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 and 5 = more than 80% plants lodged

## Morehouse Southeast Region

### SOYBEAN TEST - MATURITY GROUP 4

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
NK S47-K5 Brand	73.0**	4.7	1	36
Armor AX4471	70.1*	4.7	1	37
Progeny 4613RYS	69.6*	4.6	1	36
Armor AX4470	69.3*	4.7	1	42
Merschman Phoenix 1545RR2	68.9*	4.5	1	36
HS 47A42	68.8*	4.7	1	36
Dyna-Gro S47RY13	68.4*	4.7	1	39
Armor 39-R16	68.0*	3.9	1	36
Armor AX4450	67.6*	4.5	1	37
Stone Seed 2R4302	67.6*	4.3	1	35
Halo X448	67.4*	4.8	1	38
Progeny 4211RY	67.0*	4.2	1	36
Dyna-Gro S48RS53	66.6*	4.8	1	40
MorSoy Extra 47X12	66.6*	4.7	1	40
Armor 49-R56	66.4*	4.9	1	36
MorSoy Extra 46X04	66.1*	4.6	1	36
MorSoy Extra 48X02	66.1*	4.8	1	42
Pfister Seeds 47R22	66.1*	4.7	1	44
Dyna-Gro S49RY25	65.9*	4.9	1	40
LG Seeds C4544R2	65.9*	4.5	1	39
Mycogen 5N479R2	65.9*	4.7	1	46
Merschman Atlanta 1549RR2	65.8*	4.9	1	35
Beck 449L4	65.7*	4.4	1	37
MorSoy 47x54	65.6*	4.7	1	39
Bayer BX 4748 LL	65.5*	4.7	1	39
Mycogen 5N478R2	65.5*	4.7	1	38
Armor 44-R08	65.4*	4.4	1	36
Ellis	65.4*	4.9	1	36
Dyna-Gro S46RY85	65.2*	4.6	1	42
NK S40-N2 Brand	65.2*	4.0	1	34
MorSoy Extra 49X54	64.9	4.9	1	40
Delta Grow DG4755R2	64.7	4.7	1	40
Warren Seed DST 40-001 R2Y	64.7	4.0	1	31
MorSoy Exp 43x44	64.1	4.3	1	40
NK S46-L2 Brand	64.1	4.6	1	31
REV 46R64	64.1	4.6	1	41
Armor X47C	64.0	4.7	1	32
Halo X440	63.9	4.0	1	35
Armor X447C	63.6	4.7	2	36
MorSoy LL 4524	63.5	4.5	1	35

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Beck 423NL	63.4	4.2	1	39
Mycogen X54490NR2	63.3	4.9	1	39
eMerge e4993	63.1	4.9	1	35
REV 49R94	63.1	4.9	1	39
Warren Seed DS 4633 R2Y	63.1	4.6	1	44
Delta Grow DG4685RR2	63.0	4.6	1	38
Bayer HBK LL4950	62.9	4.9	1	49
REV 49L29	62.8	4.9	1	43
REV 49A55	62.6	4.9	1	40
Armor 46-R65	62.4	4.6	1	42
Bayer HBK RY4721	62.4	4.7	1	43
HS 42A12	62.4	4.2	1	36
HS 45A12	62.4	4.5	1	36
Progeny 4560LL	62.3	4.5	2	35
Delta Grow DG4985RR2	62.2	4.9	1	38
Progeny 4440RY	62.1	4.4	1	38
REV 41A05	62.1	4.1	1	35
Stone Seed 2R4500STS	62.0	4.5	1	35
Stone Seed 2R4903STS	62.0	4.9	1	43
Armor X49C	61.9	4.9	1	43
Progeny 4850RYS	61.9	4.8	1	44
Progeny 4930LL	61.9	4.9	1	43
Warren Seed DS 4850 R2Y/STS	61.9	4.8	1	42
Armor X48C	61.7	4.8	1	44
Armor 47-R13	61.6	4.7	1	41
Merschman Miami 1349LL	61.6	4.9	1	43
NK S45-V8 Brand	61.6	4.5	1	34
Progeny 4510RYS	61.4	4.5	1	35
USG 74B83R	61.4	4.8	1	38
NK S41-J6 Brand	61.2	4.1	1	38
Progeny 4788RY	61.2	4.7	1	42
HS 43A42	61.1	4.3	1	37
REV 48R44	61.1	4.8	1	41
Delta Grow DG4825RR2/STS	61.0	4.8	1	39
Delta Grow DG4981LL/STS	61.0	4.9	1	54
Progeny 4747RY	61.0	4.7	1	29
NK S43-K1 Brand	60.9	4.5	1	40
Delta Grow DG4765RR2/STS	60.8	4.7	1	43
USG 74F53R	60.6	4.5	1	42
Armor AX4390	60.5	3.9	1	32

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Delta Grow DG4670RR2	60.4	4.6	1	40
Merschman Tucson 1549LL	60.3	4.9	1	44
Progeny 4928LL	60.3	4.9	1	44
Warren Seed DS 4340 R2Y	60.3	4.3	1	34
Dyna-Gro 31RY45	60.1	4.5	1	40
MorSoy Extra 44X82	60.1	4.4	1	35
HS 45A42	60.0	4.5	1	39
HS 48A22	60.0	4.8	1	35
Armor AX4410	59.8	4.1	1	35
Merschman Dallas 1549RR2	59.8	4.9	1	37
Armor 48-R66	59.7	4.8	1	42
Beck 419L4	59.7	4.1	1	35
Warren Seed DS 4330 R2Y	59.7	4.3	1	36
Delta Grow DG4930RR2/STS	59.6	4.9	1	36
HS 48L22	59.4	4.8	1	38
Bayer BX 4959 RY	59.1	4.9	1	41
REV 47R34	59.0	4.7	1	38
Merschman Memphis 1243RR2Y	58.8	4.3	1	38
Merschman Norfolk 1541LL	58.7	4.1	1	36
Merschman Nashville 1547RR2	58.5	4.7	1	40
Delta Grow DG4925RR2	58.4	4.9	1	38
REV 48R22	58.4	4.8	1	36
Halo X449	58.3	4.9	1	45
Stone Seed 2R4003	58.3	4.0	1	37
Delta Grow DG4967LL	58.1	4.9	1	43
Go Soy 4914	58.1	4.9	1	45
Halo 4:94	58.1	4.9	1	44
Delta Grow DG4990LL	57.9	4.9	1	48
Mycogen 5N451R2	57.9	4.5	1	38
Armor AX4490	57.8	4.9	1	39
REV 47R53	57.7	4.7	1	38
MorSoy 43x53	57.6	4.3	1	35
Halo 4:95	57.5	4.9	1	39
MorSoy Extra 48X34	57.5	4.8	1	42
Progeny 4819LL	57.3	4.8	1	38
R05-3239	57.2	4.9	1	38
REV 39A35	57.2	3.9	1	37
Bayer HBK LL4850	57.1	4.8	1	38
Merschman Orlando 1346LL	57.1	4.6	1	39
Bayer HBK LL4953	57.0	4.9	1	42
Delta Grow DG4970RR	56.9	4.9	2	45
HS 49A42	56.9	4.9	1	37
MPV 483C	56.7	4.8	1	40
Armor AX4480	56.5	4.8	1	38
Halo 4:76	56.5	4.7	1	40
Merschman Boston 1549LL	56.5	4.9	1	45
Progeny 4900RY	56.3	4.9	1	36
LG Seeds C4696R2	56.2	4.6	1	34
MorSoy 48x22	56.1	4.8	1	41
REV 42A65	56.1	4.2	1	35

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Halo 4:40	55.9	4.4	1	36
Merschman Tulsa 1545LL	55.9	4.5	1	38
Merschman Richmond 1442RR2	55.3	4.2	1	35
Armor 43-R43	55.2	4.3	1	36
USG 74B94RS	55.2	4.7	1	40
Beck 483NL	54.5	4.8	1	39
Merschman Tampa 1545LL	54.5	4.5	1	38
MorSoy 45x73	54.3	4.5	1	41
Bayer HBK LL4650	54.2	4.6	1	37
Progeny 4620LLS	53.7	4.6	1	42
Armor AX4440	53.6	4.4	1	35
Delta Grow DG4880RR	53.6	4.8	1	40
Halo 4:97	53.5	4.9	1	45
Delta Grow DG4940RR	53.3	4.9	2	39
REV 49A75	53.2	4.9	1	40
R08-2797	52.8	4.7	1	42
HS 44L42	52.6	4.4	1	34
Bayer HBK RY4620	52.4	4.6	1	38
Merschman Austin 1342LL	52.0	4.2	1	35
Bayer HBK LL4653	51.7	4.6	1	35
Merschman Denver 1540RR2	51.4	4.0	1	34
MPG 4714 NRR	51.1	4.7	1	39
S11-20356	51.1	4.9	2	38
Delta Grow DG4767LL	50.9	4.7	1	42
R09-4571	50.8	4.9	1	41
S09-6262	50.3	4.8	1	43
Stoddard	50.1	4.9	2	28
LG Seeds C4919R2	49.8	4.9	1	39
Armor 49-C3	49.6	4.9	2	36
Go Soy 4713	47.2	4.7	1	44
Armor AX4391	47.1	3.9	1	33
<b>GRAND MEAN</b>	<b>60.0</b>		<b>1</b>	<b>39</b>
<b>LSD (10%)</b>	<b>7.9</b>			
<b>CV (%)</b>	<b>8.0</b>			

\*\* 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 and 5 = more than 80% plants lodged

## New Madrid Southeast Region

### SOYBEAN TEST - MATURITY GROUP 4

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
Progeny 4850RYS	97.9**	4.8	1	46
MorSoy Extra 47X12	95.2*	4.7	1	52
LG Seeds C4696R2	92.6*	4.6	1	40
Armor 48-R66	92.4*	4.8	1	39
Dyna-Gro S47RY13	92.0*	4.7	1	42
USG 74B83R	90.8*	4.8	2	36
Dyna-Gro S48RS53	90.7*	4.8	1	34
REV 49A55	90.4*	4.9	1	45
MorSoy 45x73	90.3*	4.5	2	48
Stone Seed 2R4903STS	90.2*	4.9	1	48
Warren Seed DS 4850 R2Y/STS	90.1*	4.8	1	40
MorSoy Extra 48X02	89.8*	4.8	1	45
Bayer HBK RY4620	89.1*	4.6	1	43
Progeny 4510RYS	88.4*	4.5	1	43
HS 42A12	88.3*	4.2	1	36
MorSoy Exp 43x44	87.9*	4.3	1	44
Armor 47-R13	87.7*	4.7	1	45
MorSoy 47x54	87.5*	4.7	1	46
HS 43A42	87.2*	4.3	1	43
Stone Seed 2R4500STS	86.9*	4.5	1	40
LG Seeds C4544R2	86.8*	4.5	1	42
Merschman Nashville 1547RR2	86.8*	4.7	1	40
Progeny 4211RY	86.5	4.2	1	39
Delta Grow DG4930RR2/STS	86.4	4.9	1	48
Dyna-Gro 31RY45	86.4	4.5	1	44
HS 48A22	86.1	4.8	1	40
HS 45A12	86.0	4.5	2	37
MorSoy 48x22	86.0	4.8	1	41
Pfister Seeds 47R22	86.0	4.7	1	46
Stone Seed 2R4302	85.7	4.3	1	36
Delta Grow DG4755R2	85.5	4.7	1	43
Armor 46-R65	85.3	4.6	1	37
Merschman Dallas 1549RR2	85.0	4.9	1	46
Mycogen 5N479R2	85.0	4.7	1	50
NK S43-K1 Brand	84.9	4.5	1	37
Merschman Memphis 1243RR2Y	84.8	4.3	1	40
Mycogen 5N451R2	84.3	4.5	1	47
Delta Grow DG4765RR2/STS	83.8	4.7	1	45
Mycogen 5N478R2	83.8	4.7	1	48
Armor AX4391	83.6	3.9	1	33

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Bayer HBK RY4721	83.6	4.7	1	46
MorSoy Extra 48X34	83.5	4.8	1	45
REV 47R34	83.5	4.7	2	48
REV 41A05	83.2	4.1	1	33
USG 74F53R	83.1	4.5	1	41
Warren Seed DS 4633 R2Y	82.5	4.6	1	44
Dyna-Gro S46RY85	82.4	4.6	1	37
Warren Seed DS 4340 R2Y	82.1	4.3	1	38
HS 47A42	82.0	4.7	1	38
NK S41-J6 Brand	81.8	4.1	1	45
Armor 44-R08	81.5	4.4	1	42
MorSoy Extra 46X04	81.5	4.6	2	40
REV 42A65	81.3	4.2	1	36
REV 49A75	81.3	4.9	2	44
Delta Grow DG4825RR2/STS	80.9	4.8	1	44
REV 39A35	80.9	3.9	1	29
Delta Grow DG4670RR2	80.6	4.6	1	44
USG 74B94RS	80.6	4.7	1	40
HS 49A42	80.5	4.9	1	45
REV 46R64	80.5	4.6	2	47
MorSoy Extra 44X82	80.4	4.4	1	37
Progeny 4613RYS	80.4	4.6	2	35
Armor AX4470	80.0	4.7	1	34
REV 48R44	80.0	4.8	2	39
REV 49R94	79.9	4.9	2	43
NK S46-L2 Brand	79.3	4.6	1	46
eMerge e4993	78.0	4.9	2	40
Armor 39-R16	77.7	3.9	1	41
Mycogen X54490NR2	77.5	4.9	1	43
Progeny 4440RY	77.5	4.4	1	42
Delta Grow DG4925RR2	77.3	4.9	1	46
S09-6262	76.6	4.8	2	40
Merschman Atlanta 1549RR2	76.3	4.9	1	40
Dyna-Gro S49RY25	76.2	4.9	1	45
Warren Seed DS 4330 R2Y	76.2	4.3	1	33
Armor AX4471	76.1	4.7	1	31
Armor AX4450	76.0	4.5	1	41
Stone Seed 2R4003	75.8	4.0	1	41
Delta Grow DG4985RR2	75.7	4.9	1	41
Beck 449L4	75.6	4.4	1	41



<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
MPG 4714 NRR	75.6	4.7	2	45
Armor AX4490	75.4	4.9	1	44
Delta Grow DG4685RR2	75.1	4.6	1	31
S11-20356	74.9	4.9	1	35
Progeny 4788RY	74.7	4.7	1	37
Merschman Phoenix 1545RR2	74.6	4.5	1	40
REV 47R53	74.5	4.7	2	44
Armor 49-R56	74.4	4.9	2	48
MorSoy Extra 49X54	74.4	4.9	1	49
Bayer BX 4959 RY	74.2	4.9	1	39
MPV 483C	74.2	4.8	3	42
Armor X47C	73.7	4.7	1	40
LG Seeds C4919R2	73.7	4.9	1	45
Merschman Richmond 1442RR2	73.7	4.2	1	45
NK S45-V8 Brand	73.1	4.5	1	36
Armor X48C	72.5	4.8	1	38
Merschman Orlando 1346LL	72.2	4.6	2	40
Bayer HBK LL4953	72.0	4.9	1	38
Progeny 4900RY	72.0	4.9	1	30
HS 45A42	71.7	4.5	1	39
Halo 4:40	71.6	4.4	1	32
Armor 43-R43	71.2	4.3	1	33
Beck 483NL	71.2	4.8	1	42
NK S40-N2 Brand	71.1	4.0	1	27
Progeny 4819LL	71.1	4.8	1	40
MorSoy 43x53	70.1	4.3	1	39
HS 48L22	69.5	4.8	1	42
Merschman Tulsa 1545LL	69.5	4.5	1	37
Bayer HBK LL4850	69.4	4.8	2	40
Merschman Denver 1540RR2	69.2	4.0	1	33
Merschman Miami 1349LL	69.1	4.9	1	45
Merschman Norfolk 1541LL	69.1	4.1	1	29
REV 48R22	69.1	4.8	1	45
Bayer BX 4748 LL	68.2	4.7	1	37
Delta Grow DG4940RR	68.1	4.9	2	40
Armor AX4480	68.0	4.8	1	45
Warren Seed DST 40-001 R2Y	67.8	4.0	1	37
R05-3239	67.7	4.9	1	30
Progeny 4560LL	67.1	4.5	1	41
Progeny 4747RY	67.1	4.7	2	33

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Merschman Tampa 1545LL	66.4	4.5	1	41
Merschman Austin 1342LL	65.9	4.2	1	34
Armor AX4390	65.8	3.9	1	36
Armor AX4410	65.6	4.1	1	34
NK S47-K5 Brand	64.9	4.7	1	33
Progeny 4930LL	64.2	4.9	1	32
Armor AX4440	63.9	4.4	1	33
Halo X449	63.0	4.9	2	50
Merschman Tucson 1549LL	62.9	4.9	1	47
Halo 4:95	62.8	4.9	2	34
Stoddard	62.8	4.9	1	26
Bayer HBK LL4650	62.7	4.6	1	31
Delta Grow DG4981LL/STS	62.7	4.9	2	50
Bayer HBK LL4653	61.6	4.6	1	40
Halo 4:76	61.3	4.7	2	37
Beck 423NL	60.9	4.2	1	38
Halo X448	60.3	4.8	1	39
Progeny 4620LLS	60.1	4.6	1	48
R08-2797	59.6	4.7	1	48
Beck 419L4	59.4	4.1	1	30
Delta Grow DG4967LL	57.9	4.9	2	40
Delta Grow DG4970RR	57.7	4.9	2	46
Merschman Boston 1549LL	57.4	4.9	2	50
Halo X440	57.0	4.0	1	36
Halo 4:97	56.8	4.9	1	45
Armor X49C	56.7	4.9	3	41
Delta Grow DG4990LL	55.6	4.9	1	38
Delta Grow DG4767LL	55.5	4.7	2	44
Go Soy 4914	55.4	4.9	2	48
Bayer HBK LL4950	55.0	4.9	1	42
R09-4571	54.7	4.9	1	36
Delta Grow DG4880RR	53.5	4.8	1	36
REV 49L29	53.4	4.9	1	39
HS 44L42	53.2	4.4	1	39
MorSoy LL 4524	50.2	4.5	1	39
Progeny 4928LL	50.2	4.9	1	33
Armor X447C	49.2	4.7	1	39
Armor 49-C3	48.2	4.9	2	30
Go Soy 4713	45.9	4.7	1	40
Halo 4:94	45.2	4.9	2	46

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Ellis	41.0	4.9	1	19
<b>GRAND MEAN</b>	<b>74.4</b>		<b>1</b>	<b>40</b>
<b>LSD (10%)</b>	<b>11.1</b>			
<b>CV (%)</b>	<b>11.0</b>			

\*\* 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 and 5 = more than 80% plants lodged

## **New Madrid Southeast Region**

### **SOYBEAN TEST - MATURITY GROUP 5**

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Bayer HBK RY5421	84.9**	5.4	1	33
REV 57R21	78.8*	5.7	3	47
Merschman Rushmore 1453RR2	78.1*	5.2	2	31
Dyna-Gro 32RY55	77.8*	5.5	1	32
Go Soy 5213	75.9*	5.2	2	46
Merschman Everest 1552RR2	74.2	5.2	1	28
REV 52A94	73.8	5.2	3	40
Mycogen 5N550R2	72.5	5.5	2	36
Delta Grow DG5480RR2	71.8	5.4	2	36
REV 53R23	71.3	5.3	1	26
MorSoy Extra 51X31	70.7	5.1	1	25
NK S55-Q3 Brand	69.5	5.5	1	26
MorSoy Extra 54X41	68.8	5.4	1	26
Aarmor 50-R44	67.9	5.0	3	43
Progeny 5213RY	67.7	5.2	2	48
MPG 5214NRR	67.5	5.2	3	44
REV 52R74	67.3	5.2	1	33
NK S52-Y2 Brand	66.0	5.2	3	38
NK S51-C5 Brand	65.9	5.1	1	22
REV 56R63	65.8	5.6	2	30
Aarmor AX4500	65.1	5.0	2	43
REV 55R53	64.7	5.5	1	28
MorSoy Extra 53X82	64.1	5.3	1	38
Delta Grow DG5230RR2	63.9	5.2	1	31
MorSoy Exp 52014	63.1	5.2	2	36

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Dyna-Gro S54RY43	62.9	5.4	1	33
Armor AX4520	62.7	5.2	1	30
Dyna-Gro S52RY75	62.3	5.2	1	35
Mycogen 5N540R2	61.7	5.4	1	35
Mycogen X54522NR2	61.7	5.2	3	36
REV 54R84	61.7	5.4	1	30
Bayer HBK RY5221	61.2	5.2	2	40
MorSoy Exp 52114	60.7	5.2	2	43
Progeny 5333RY	60.7	5.3	1	27
MPG 5314NRR	60.6	5.3	3	46
REV 51R53	59.4	5.1	2	40
Delta Grow DG5267LL	55.6	5.2	1	36
Bayer BX 5150 LL	55.4	5.1	1	46
S11-20124	55.3	5.2	3	33
Jake	54.6	5.4	1	22
Merschman Whitney 1453LL	52.6	5.3	1	47
Halo X451	52.5	5.1	1	42
Leland	52.5	5.1	2	30
Delta Grow DG5367LL	52.1	5.3	1	23
Go Soy 5214	51.6	5.2	1	40
Bayer BX 5242 LL	51.4	5.2	1	40
Halo 5:01	51.0	5.0	1	38
Progeny 5220LLS	50.5	5.2	1	41
Delta Grow DG5481LL	48.9	5.4	1	40
Halo X452	46.5	5.2	2	37
Delta Grow DG5461LL	46.4	5.4	1	32
Delta Grow DG5475RR2	44.3	5.4	1	32
Halo 5:25	43.7	5.2	2	25
Progeny 5160LL	43.7	5.1	1	19
Halo 5:45	41.4	5.4	2	24
Halo 5:26	37.5	5.2	1	24
<b>GRAND MEAN</b>	<b>62.3</b>		<b>2</b>	<b>35</b>
<b>LSD (10%)</b>	<b>10.6</b>			
<b>CV (%)</b>	<b>12.6</b>			

\*\* 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 and 5 = more than 80% plants lodged

# Portageville Clay Southeast Region

## SOYBEAN TEST - MATURITY GROUP 4

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
MorSoy Extra 48X02	86.5**	4.8	1	37
Progeny 4747RY	84.0*	4.7	1	33
Mycogen 5N451R2	82.5*	4.5	1	36
LG Seeds C4544R2	81.7*	4.5	1	34
Progeny 4788RY	81.4*	4.7	1	36
Dyna-Gro S47RY13	80.7*	4.7	1	33
Merschman Memphis 1243RR2Y	80.7*	4.3	1	32
Armor 49-R56	80.4*	4.9	1	34
Dyna-Gro 31RY45	80.4*	4.5	1	35
MorSoy 45x73	80.4*	4.5	2	36
Mycogen 5N479R2	80.3*	4.7	1	38
R05-3239	80.2*	4.9	1	30
MPV 483C	79.9*	4.8	1	33
Progeny 4613RYS	79.8*	4.6	1	39
Progeny 4850RYS	79.8*	4.8	1	37
REV 49R94	79.6*	4.9	1	36
REV 49A55	79.1	4.9	1	36
Delta Grow DG4670RR2	78.8	4.6	1	34
Delta Grow DG4981LL/STS	78.4	4.9	2	47
REV 46R64	78.2	4.6	1	38
Ellis	78.0	4.9	1	27
Delta Grow DG4765RR2/STS	77.8	4.7	1	36
Merschman Tucson 1549LL	77.8	4.9	1	42
Delta Grow DG4755R2	77.7	4.7	1	38
LG Seeds C4696R2	77.7	4.6	1	36
S11-20356	77.7	4.9	1	32
Armor 47-R13	77.6	4.7	1	38
Armor 46-R65	77.4	4.6	1	37
HS 43A42	77.4	4.3	1	40
USG 74F53R	77.3	4.5	1	33
Progeny 4440RY	77.0	4.4	1	36
Warren Seed DS 4850 R2Y/STS	76.9	4.8	1	42
MorSoy Extra 49X54	76.8	4.9	1	36
Pfister Seeds 47R22	76.7	4.7	1	38
Mycogen 5N478R2	76.5	4.7	1	37
REV 47R34	75.7	4.7	1	35
Armor 44-R08	75.6	4.4	1	30
Delta Grow DG4940RR	75.6	4.9	1	39
Dyna-Gro S48RS53	75.6	4.8	1	35
Stone Seed 2R4302	75.2	4.3	1	35

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Warren Seed DS 4340 R2Y	75.1	4.3	1	33
Armor 49-C3	75.0	4.9	2	27
Halo 4:40	74.8	4.4	1	33
Armor X47C	74.5	4.7	1	33
Bayer HBK RY4721	74.5	4.7	1	36
Armor X48C	74.4	4.8	1	35
Stone Seed 2R4903STS	74.4	4.9	1	41
Stoddard	74.2	4.9	1	30
REV 49A75	74.0	4.9	1	37
Armor X49C	73.9	4.9	1	42
USG 74B83R	73.7	4.8	1	35
HS 42A12	73.1	4.2	1	28
Beck 423NL	73.0	4.2	1	30
Delta Grow DG4967LL	73.0	4.9	1	48
MorSoy Exp 43x44	73.0	4.3	1	36
Dyna-Gro S49RY25	72.8	4.9	1	42
Progeny 4900RY	72.8	4.9	1	30
Merschman Austin 1342LL	72.6	4.2	1	29
Progeny 4819LL	72.4	4.8	1	37
Progeny 4211RY	72.3	4.2	1	30
REV 39A35	72.2	3.9	1	33
Warren Seed DS 4633 R2Y	72.2	4.6	1	33
REV 48R44	72.1	4.8	1	36
Bayer HBK LL4950	72.0	4.9	1	44
Warren Seed DS 4330 R2Y	71.9	4.3	1	33
Delta Grow DG4880RR	71.8	4.8	1	36
Merschman Orlando 1346LL	71.8	4.6	1	36
Delta Grow DG4825RR2/STS	71.4	4.8	1	38
Delta Grow DG4985RR2	71.3	4.9	1	40
REV 42A65	71.2	4.2	1	33
Armor 48-R66	71.0	4.8	1	35
Beck 449L4	71.0	4.4	1	34
Progeny 4930LL	71.0	4.9	1	40
Mycogen X54490NR2	70.9	4.9	1	39
Halo X440	70.7	4.0	1	32
Armor AX4410	70.5	4.1	1	31
Halo X448	70.2	4.8	1	36
Stone Seed 2R4003	70.2	4.0	1	33
Stone Seed 2R4500STS	70.2	4.5	1	31
REV 47R53	70.0	4.7	1	37

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
MorSoy 43x53	69.9	4.3	1	28
Armor AX4440	69.4	4.4	1	30
MorSoy Extra 47X12	69.1	4.7	1	41
MPG 4714 NRR	69.1	4.7	1	36
Armor X447C	69.0	4.7	1	35
Halo 4:76	68.9	4.7	1	36
MorSoy 48x22	68.9	4.8	1	33
NK S46-L2 Brand	68.9	4.6	1	31
USG 74B94RS	68.9	4.7	1	37
Delta Grow DG4970RR	68.8	4.9	2	41
Bayer BX 4748 LL	68.7	4.7	1	36
HS 45A12	68.6	4.5	1	34
Armor 43-R43	68.5	4.3	1	33
Beck 419L4	68.5	4.1	1	34
Halo 4:95	68.5	4.9	1	37
NK S47-K5 Brand	68.5	4.7	1	36
Delta Grow DG4990LL	68.3	4.9	1	42
MorSoy Extra 44X82	68.2	4.4	1	34
Armor AX4470	68.1	4.7	1	39
NK S45-V8 Brand	68.0	4.5	1	32
HS 48A22	67.9	4.8	1	35
Beck 483NL	67.7	4.8	1	34
Armor AX4471	67.6	4.7	1	31
Merschman Miami 1349LL	67.6	4.9	1	44
Dyna-Gro S46RY85	67.5	4.6	1	28
Delta Grow DG4925RR2	67.3	4.9	1	39
Progeny 4510RYS	67.1	4.5	1	34
NK S43-K1 Brand	67.0	4.5	1	33
HS 47A42	66.8	4.7	1	37
REV 48R22	66.7	4.8	1	35
Merschman Richmond 1442RR2	66.6	4.2	1	31
MorSoy Extra 46X04	66.6	4.6	1	32
Merschman Boston 1549LL	66.5	4.9	1	43
Bayer HBK LL4850	66.4	4.8	1	39
HS 45A42	66.4	4.5	1	35
Merschman Tulsa 1545LL	66.3	4.5	1	32
Merschman Phoenix 1545RR2	66.1	4.5	1	35
NK S41-J6 Brand	66.1	4.1	1	37
REV 41A05	66.1	4.1	1	27
Progeny 4928LL	66.0	4.9	1	42
Merschman Atlanta 1549RR2	65.9	4.9	1	38
Progeny 4560LL	65.8	4.5	1	34
Armor AX4391	65.6	3.9	1	27
Bayer HBK RY4620	65.5	4.6	1	30
HS 48L22	65.5	4.8	1	39
Bayer HBK LL4953	65.4	4.9	1	41
Halo 4:94	65.2	4.9	1	43
Merschman Tampa 1545LL	65.1	4.5	1	35
Armor AX4450	65.0	4.5	1	31
eMerge e4993	65.0	4.9	1	31

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
MorSoy 47x54	64.8	4.7	1	36
REV 49L29	64.8	4.9	1	42
Delta Grow DG4685RR2	64.5	4.6	1	31
Merschman Denver 1540RR2	64.5	4.0	1	27
Armor AX4490	64.4	4.9	1	37
MorSoy Extra 48X34	64.4	4.8	1	35
LG Seeds C4919R2	63.7	4.9	1	33
NK S40-N2 Brand	63.7	4.0	1	27
Merschman Nashville 1547RR2	63.4	4.7	1	39
Go Soy 4914	63.1	4.9	1	41
Armor AX4480	63.0	4.8	1	36
Halo X449	63.0	4.9	2	43
Bayer HBK LL4653	62.5	4.6	1	30
R08-2797	62.4	4.7	1	36
Bayer BX 4959 RY	62.3	4.9	1	33
Merschman Dallas 1549RR2	62.2	4.9	1	36
MorSoy LL 4524	62.2	4.5	1	31
Bayer HBK LL4650	61.4	4.6	1	36
HS 44L42	61.4	4.4	1	32
Merschman Norfolk 1541LL	61.1	4.1	1	27
Armor 39-R16	59.3	3.9	1	33
HS 49A42	59.3	4.9	1	35
Delta Grow DG4930RR2/STS	58.8	4.9	1	38
R09-4571	58.2	4.9	2	35
Warren Seed DST 40-001 R2Y	57.6	4.0	1	26
S09-6262	56.8	4.8	1	36
Delta Grow DG4767LL	55.6	4.7	2	42
Armor AX4390	54.1	3.9	1	24
Progeny 4620LLS	52.7	4.6	1	41
Halo 4:97	51.8	4.9	1	47
Go Soy 4713	49.6	4.7	1	46
<b>GRAND MEAN</b>	<b>69.8</b>		<b>1</b>	<b>35</b>
<b>LSD (10%)</b>	<b>7.2</b>			
<b>CV (%)</b>	<b>7.7</b>			

\*\* 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 and 5 = more than 80% plants lodged



# Portageville Clay Southeast Region

## SOYBEAN TEST - MATURITY GROUP 5

Brand/Variety	Yield (Bu/Ac)	Maturity (group)	Lodging (1-5)	Plant Height (in)
MorSoy Exp 52014	81.0**	5.2	2	39
Mycogen X54522NR2	80.3*	5.2	1	36
REV 56R63	79.8*	5.6	1	36
Dyna-Gro S54RY43	78.7*	5.4	1	33
Delta Grow DG5367LL	78.2*	5.3	1	42
Merschman Everest 1552RR2	77.6*	5.2	1	39
MorSoy Extra 53X82	77.2*	5.3	1	39
Delta Grow DG5230RR2	76.8*	5.2	1	37
Mycogen 5N550R2	74.8*	5.5	2	40
Jake	74.7*	5.4	1	35
Armor AX4500	74.4*	5.0	1	41
Delta Grow DG5481LL	74.4*	5.4	1	47
REV 57R21	74.4*	5.7	1	34
REV 52R74	73.5*	5.2	1	40
Dyna-Gro S52RY75	73.4*	5.2	1	36
MorSoy Extra 54X41	73.1*	5.4	1	35
Bayer HBK RY5221	72.4*	5.2	1	27
NK S52-Y2 Brand	72.4*	5.2	1	44
REV 52A94	72.4*	5.2	2	34
S11-20124	72.4*	5.2	1	34
Mycogen 5N540R2	72.1*	5.4	1	36
NK S55-Q3 Brand	72.1*	5.5	1	37
Bayer BX 5242 LL	71.7*	5.2	1	45
Halo X452	71.1*	5.2	1	42
Delta Grow DG5461LL	71.0*	5.4	1	33
Progeny 5160LL	70.9*	5.1	1	25
Progeny 5333RY	70.9*	5.3	1	35
Go Soy 5213	70.8*	5.2	1	32
Progeny 5220LLS	70.8*	5.2	1	36
Halo 5:25	70.6	5.2	1	36
Halo X451	70.4	5.1	1	30
Bayer HBK RY5421	70.1	5.4	1	32
Leland	69.9	5.1	2	33
Delta Grow DG5475RR2	69.6	5.4	1	33
Go Soy 5214	69.5	5.2	1	48
MPG 5214NRR	69.5	5.2	2	37
REV 54R84	69.4	5.4	2	28
NK S51-C5 Brand	68.9	5.1	1	33
Armor 50-R44	68.7	5.0	1	44
Halo 5:45	68.7	5.4	1	32

<b>Brand/Variety</b>	<b>Yield (Bu/Ac)</b>	<b>Maturity (group)</b>	<b>Lodging (1-5)</b>	<b>Plant Height (in)</b>
Delta Grow DG5480RR2	68.0	5.4	1	33
Delta Grow DG5267LL	67.6	5.2	1	46
MorSoy Exp 52114	67.3	5.2	1	34
REV 55R53	67.2	5.5	2	34
MorSoy Extra 51X31	67.1	5.1	1	33
Dyna-Gro 32RY55	67.0	5.5	1	38
REV 53R23	66.9	5.3	1	25
Merschman Rushmore 1453RR2	66.8	5.2	1	48
Progeny 5213RY	66.7	5.2	1	39
MPG 5314NRR	66.6	5.3	1	39
Merschman Whitney 1453LL	66.4	5.3	1	47
Bayer BX 5150 LL	66.0	5.1	1	38
Halo 5:26	64.4	5.2	1	35
REV 51R53	63.1	5.1	1	46
Halo 5:01	61.5	5.0	1	30
Armor AX4520	60.1	5.2	1	36
<b>GRAND MEAN</b>	<b>70.4</b>		<b>1</b>	<b>37</b>
<b>LSD (10%)</b>	<b>10.3</b>			
<b>CV (%)</b>	<b>10.7</b>			

\*\* 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 and 5 = more than 80% plants lodged

## Southeast Region Summary

### SOYBEAN TEST - MATURITY GROUP 4

<b>Brand/Variety</b>	<b>Morehouse</b> (Bu/Ac)	<b>New Madrid</b> (Bu/Ac)	<b>Port. Clay</b> (Bu/Ac)	<b>Mean</b> (Bu/Ac)**
MorSoy Extra 48X02	66.1*	89.8*	86.5**	82.6**
Progeny 4850RYS	61.9	97.9**	79.8*	82.1*
Dyna-Gro S47RY13	68.4*	92.0*	80.7*	81.8*
LG Seeds C4544R2	65.9*	86.8*	81.7*	79.6*
REV 49A55	62.6	90.4*	79.1	79.2*
Dyna-Gro S48RS53	66.6*	90.7*	75.6	79.0*
Mycogen 5N479R2	65.9*	85.0	80.3*	78.4*
MorSoy Extra 47X12	66.6*	95.2*	69.1	78.2*
Warren Seed DS 4850 R2Y/STS	61.9	90.1*	76.9	78.1*
LG Seeds C4696R2	56.2	92.6*	77.7	77.9*
Dyna-Gro 31RY45	60.1	86.4	80.4*	77.5*
MorSoy 45x73	54.3	90.3*	80.4*	77.5*
Pfister Seeds 47R22	66.1*	86.0	76.7	77.5*
Progeny 4613RYS	69.6*	80.4	79.8*	77.4*
Armor 47-R13	61.6	87.7*	77.6	77.3*
Delta Grow DG4755R2	64.7	85.5	77.7	77.3*
Stone Seed 2R4302	67.6*	85.7	75.2	77.2
Stone Seed 2R4903STS	62.0	90.2*	74.4	77.2
HS 43A42	61.1	87.2*	77.4	77.0
Mycogen 5N451R2	57.9	84.3	82.5*	77.0
USG 74B83R	61.4	90.8*	73.7	77.0
Merschman Memphis 1243RR2Y	58.8	84.8	80.7*	76.7
Armor 46-R65	62.4	85.3	77.4	76.6
Mycogen 5N478R2	65.5*	83.8	76.5	76.4
MorSoy Exp 43x44	64.1	87.9*	73.0	76.3
Progeny 4211RY	67.0*	86.5	72.3	76.3
Armor 48-R66	59.7	92.4*	71.0	76.2
HS 42A12	62.4	88.3*	73.1	76.1
Delta Grow DG4765RR2/STS	60.8	83.8	77.8	75.8
REV 46R64	64.1	80.5	78.2	75.5
REV 49R94	63.1	79.9	79.6*	75.5
USG 74F53R	60.6	83.1	77.3	75.3
Armor 44-R08	65.4*	81.5	75.6	75.2
Bayer HBK RY4721	62.4	83.6	74.5	74.8
Delta Grow DG4670RR2	60.4	80.6	78.8	74.8
Armor 49-R56	66.4*	74.4	80.4*	74.6
REV 47R34	59.0	83.5	75.7	74.4
Stone Seed 2R4500STS	62.0	86.9*	70.2	74.4
Warren Seed DS 4340 R2Y	60.3	82.1	75.1	74.0
Progeny 4788RY	61.2	74.7	81.4*	73.8

<b>Brand/Variety</b>	<b>Morehouse (Bu/Ac)</b>	<b>New Madrid (Bu/Ac)</b>	<b>Port. Clay (Bu/Ac)</b>	<b>Mean (Bu/Ac)</b>
Warren Seed DS 4633 R2Y	63.1	82.5	72.2	73.7
Progeny 4510RYS	61.4	88.4*	67.1	73.6
HS 45A12	62.4	86.0	68.6	73.5
MorSoy 47x54	65.6*	87.5*	64.8	73.5
Progeny 4440RY	62.1	77.5	77.0	73.4
HS 47A42	68.8*	82.0	66.8	73.0
MorSoy Extra 49X54	64.9	74.4	76.8	72.9
Armor AX4470	69.3*	80.0	68.1	72.8
HS 48A22	60.0	86.1	67.9	72.7
Dyna-Gro S46RY85	65.2*	82.4	67.5	72.5
Delta Grow DG4825RR2/STS	61.0	80.9	71.4	72.3
Dyna-Gro S49RY25	65.9*	76.2	72.8	72.3
REV 48R44	61.1	80.0	72.1	72.3
MorSoy 48x22	56.1	86.0	68.9	72.1
NK S43-K1 Brand	60.9	84.9	67.0	72.1
MorSoy Extra 46X04	66.1*	81.5	66.6	72.0
MPV 483C	56.7	74.2	79.9*	71.9
Progeny 4747RY	61.0	67.1	84.0*	71.9
REV 39A35	57.2	80.9	72.2	71.7
NK S46-L2 Brand	64.1	79.3	68.9	71.6
Armor X47C	64.0	73.7	74.5	71.5
REV 41A05	62.1	83.2	66.1	71.5
REV 49A75	53.2	81.3	74.0	71.5
Armor AX4471	70.1*	76.1	67.6	71.4
Beck 449L4	65.7*	75.6	71.0	71.4
Mycogen X54490NR2	63.3	77.5	70.9	71.4
REV 42A65	56.1	81.3	71.2	71.2
Bayer HBK RY4620	52.4	89.1*	65.5	71.0
Merschman Nashville 1547RR2	58.5	86.8*	63.4	70.9
MorSoy Extra 44X82	60.1	80.4	68.2	70.7
NK S41-J6 Brand	61.2	81.8	66.1	70.7
Delta Grow DG4985RR2	62.2	75.7	71.3	70.6
Armor X48C	61.7	72.5	74.4	70.5
Warren Seed DS 4330 R2Y	59.7	76.2	71.9	70.4
Merschman Dallas 1549RR2	59.8	85.0	62.2	70.1
S11-20356	51.1	74.9	77.7	70.0
Merschman Phoenix 1545RR2	68.9*	74.6	66.1	69.9
MorSoy Extra 48X34	57.5	83.5	64.4	69.8
USG 74B94RS	55.2	80.6	68.9	69.8
Armor AX4450	67.6*	76.0	65.0	69.7

<b>Brand/Variety</b>	<b>Morehouse</b> (Bu/Ac)	<b>New Madrid</b> (Bu/Ac)	<b>Port. Clay</b> (Bu/Ac)	<b>Mean</b> (Bu/Ac)
Merschman Atlanta 1549RR2	65.8*	76.3	65.9	69.7
R05-3239	57.2	67.7	80.2*	69.7
eMerge e4993	63.1	78.0	65.0	69.4
Delta Grow DG4930RR2/STS	59.6	86.4	58.8	69.3
Stone Seed 2R4003	58.3	75.8	70.2	69.3
Delta Grow DG4925RR2	58.4	77.3	67.3	68.8
Halo 4:40	55.9	71.6	74.8	68.8
REV 47R53	57.7	74.5	70.0	68.6
Armor 39-R16	68.0*	77.7	59.3	68.3
NK S45-V8 Brand	61.6	73.1	68.0	68.3
Progeny 4900RY	56.3	72.0	72.8	68.3
Merschman Orlando 1346LL	57.1	72.2	71.8	68.2
NK S47-K5 Brand	73.0**	64.9	68.5	68.2
Delta Grow DG4685RR2	63.0	75.1	64.5	68.1
Delta Grow DG4981LL/STS	61.0	62.7	78.4	68.1
Progeny 4819LL	57.3	71.1	72.4	68.1
Merschman Tucson 1549LL	60.3	62.9	77.8	67.8
Armor AX4391	47.1	83.6	65.6	67.7
Bayer BX 4748 LL	65.5*	68.2	68.7	67.7
Delta Grow DG4940RR	53.3	68.1	75.6	67.2
MPG 4714 NRR	51.1	75.6	69.1	67.0
MorSoy 43x53	57.6	70.1	69.9	66.9
Armor AX4490	57.8	75.4	64.4	66.8
NK S40-N2 Brand	65.2*	71.1	63.7	66.8
HS 45A42	60.0	71.7	66.4	66.7
HS 49A42	56.9	80.5	59.3	66.6
Merschman Miami 1349LL	61.6	69.1	67.6	66.6
Merschman Richmond 1442RR2	55.3	73.7	66.6	66.4
Armor 43-R43	55.2	71.2	68.5	66.1
Progeny 4930LL	61.9	64.2	71.0	66.1
Beck 423NL	63.4	60.9	73.0	66.0
Armor AX4410	59.8	65.6	70.5	65.9
Bayer BX 4959 RY	59.1	74.2	62.3	65.9
Bayer HBK LL4953	57.0	72.0	65.4	65.7
Beck 483NL	54.5	71.2	67.7	65.7
Halo X448	67.4*	60.3	70.2	65.7
REV 48R22	58.4	69.1	66.7	65.5
HS 48L22	59.4	69.5	65.5	65.4
Progeny 4560LL	62.3	67.1	65.8	65.4
Bayer HBK LL4850	57.1	69.4	66.4	65.2

<b>Brand/Variety</b>	<b>Morehouse (Bu/Ac)</b>	<b>New Madrid (Bu/Ac)</b>	<b>Port. Clay (Bu/Ac)</b>	<b>Mean (Bu/Ac)</b>
Merschman Austin 1342LL	52.0	65.9	72.6	64.9
Merschman Tulsa 1545LL	55.9	69.5	66.3	64.9
Armor X49C	61.9	56.7	73.9	64.4
LG Seeds C4919R2	49.8	73.7	63.7	63.9
Stoddard	50.1	62.8	74.2	63.9
Halo X440	63.9	57.0	70.7	63.8
Delta Grow DG4967LL	58.1	57.9	73.0	63.6
Halo 4:95	57.5	62.8	68.5	63.6
Merschman Norfolk 1541LL	58.7	69.1	61.1	63.5
Armor AX4440	53.6	63.9	69.4	63.3
Bayer HBK LL4950	62.9	55.0	72.0	63.3
Armor AX4480	56.5	68.0	63.0	63.2
Warren Seed DST 40-001 R2Y	64.7	67.8	57.6	63.2
Halo 4:76	56.5	61.3	68.9	62.9
Merschman Denver 1540RR2	51.4	69.2	64.5	62.9
Merschman Tampa 1545LL	54.5	66.4	65.1	62.9
Beck 419L4	59.7	59.4	68.5	62.8
S09-6262	50.3	76.6	56.8	62.6
Halo X449	58.3	63.0	63.0	61.8
Delta Grow DG4970RR	56.9	57.7	68.8	61.6
Delta Grow DG4990LL	57.9	55.6	68.3	60.9
Ellis	65.4*	41.0	78.0	60.9
Merschman Boston 1549LL	56.5	57.4	66.5	60.5
Delta Grow DG4880RR	53.6	53.5	71.8	60.3
Armor X447C	63.6	49.2	69.0	60.2
Armor AX4390	60.5	65.8	54.1	60.0
Bayer HBK LL4650	54.2	62.7	61.4	60.0
REV 49L29	62.8	53.4	64.8	60.0
Bayer HBK LL4653	51.7	61.6	62.5	59.4
Go Soy 4914	58.1	55.4	63.1	58.9
R08-2797	52.8	59.6	62.4	58.9
Armor 49-C3	49.6	48.2	75.0	58.6
Progeny 4928LL	60.3	50.2	66.0	58.6
MorSoy LL 4524	63.5	50.2	62.2	58.0
HS 44L42	52.6	53.2	61.4	56.1
Halo 4:94	58.1	45.2	65.2	55.9
Progeny 4620LLS	53.7	60.1	52.7	55.7
R09-4571	50.8	54.7	58.2	55.0
Delta Grow DG4767LL	50.9	55.5	55.6	54.3
Halo 4:97	53.5	56.8	51.8	54.1

<b>Brand/Variety</b>	<b>Morehouse</b> (Bu/Ac)	<b>New Madrid</b> (Bu/Ac)	<b>Port. Clay</b> (Bu/Ac)	<b>Mean</b> (Bu/Ac)
Go Soy 4713	47.2	45.9	49.6	47.6
<b>GRAND MEAN</b>	<b>60.0</b>	<b>74.4</b>	<b>69.8</b>	<b>69.1</b>
<b>LSD (10%)</b>	<b>7.9</b>	<b>11.1</b>	<b>7.2</b>	<b>5.3</b>
<b>CV (%)</b>	<b>8.0</b>	<b>11.0</b>	<b>7.7</b>	<b>9.2</b>

\*\*\* Moderate to heavy disease pressure (including SDS) affected yields of some varieties at the Chaffee site and are not included in this region summary table. Yield results for such varieties are provided in the single location tables.

\*\* Highest yielding variety in test

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

## **Southeast Region Summary**

### **SOYBEAN TEST - MATURITY GROUP 5**

<b>Brand/Variety</b>	<b>New Madrid</b> (Bu/Ac)	<b>Port. Clay</b> (Bu/Ac)	<b>Mean</b> (Bu/Ac)***
Bayer HBK RY5421	84.9**	70.1	77.5**
REV 57R21	78.8*	74.4*	76.6*
Merschman Everest 1552RR2	74.2	77.6*	75.9*
Mycogen 5N550R2	72.5	74.8*	73.6*
Go Soy 5213	75.9*	70.8*	73.3*
REV 52A94	73.8	72.4*	73.1*
REV 56R63	65.8	79.8*	72.8*
Dyna-Gro 32RY55	77.8*	67.0	72.4*
Merschman Rushmore 1453RR2	78.1*	66.8	72.4*
MorSoy Exp 52014	63.1	81.0**	72.0*
Mycogen X54522NR2	61.7	80.3*	71.0*
MorSoy Extra 54X41	68.8	73.1*	70.9*
Dyna-Gro S54RY43	62.9	78.7*	70.8*
NK S55-Q3 Brand	69.5	72.1*	70.8*
MorSoy Extra 53X82	64.1	77.2*	70.6*
REV 52R74	67.3	73.5*	70.4*
Delta Grow DG5230RR2	63.9	76.8*	70.3
Delta Grow DG5480RR2	71.8	68.0	69.9
Armor AX4500	65.1	74.4*	69.7
NK S52-Y2 Brand	66.0	72.4*	69.2
REV 53R23	71.3	66.9	69.1
MorSoy Extra 51X31	70.7	67.1	68.9
MPG 5214NRR	67.5	69.5	68.5
Armor 50-R44	67.9	68.7	68.3
Dyna-Gro S52RY75	62.3	73.4*	67.8

<b>Brand/Variety</b>	<b>New Madrid (Bu/Ac)</b>	<b>Port. Clay (Bu/Ac)</b>	<b>Mean (Bu/Ac)</b>
NK S51-C5 Brand	65.9	68.9	67.4
Progeny 5213RY	67.7	66.7	67.2
Mycogen 5N540R2	61.7	72.1*	66.9
Bayer HBK RY5221	61.2	72.4*	66.8
REV 55R53	64.7	67.2	65.9
Progeny 5333RY	60.7	70.9*	65.8
REV 54R84	61.7	69.4	65.5
Delta Grow DG5367LL	52.1	78.2*	65.1
Jake	54.6	74.7*	64.6
MorSoy Exp 52114	60.7	67.3	64.0
S11-20124	55.3	72.4*	63.8
MPG 5314NRR	60.6	66.6	63.6
Delta Grow DG5267LL	55.6	67.6	61.6
Delta Grow DG5481LL	48.9	74.4*	61.6
Bayer BX 5242 LL	51.4	71.7*	61.5
Armor AX4520	62.7	60.1	61.4
Halo X451	52.5	70.4	61.4
Leland	52.5	69.9	61.2
REV 51R53	59.4	63.1	61.2
Bayer BX 5150 LL	55.4	66.0	60.7
Progeny 5220LLS	50.5	70.8*	60.6
Go Soy 5214	51.6	69.5	60.5
Merschman Whitney 1453LL	52.6	66.4	59.5
Halo X452	46.5	71.1*	58.8
Delta Grow DG5461LL	46.4	71.0*	58.7
Progeny 5160LL	43.7	70.9*	57.3
Halo 5:25	43.7	70.6	57.1
Delta Grow DG5475RR2	44.3	69.6	56.9
Halo 5:01	51.0	61.5	56.2
Halo 5:45	41.4	68.7	55.0
Halo 5:26	37.5	64.4	50.9
<b>GRAND MEAN</b>	<b>62.3</b>	<b>70.4</b>	<b>66.4</b>
<b>LSD (10%)</b>	<b>10.6</b>	<b>10.3</b>	<b>7.1</b>
<b>CV (%)</b>	<b>12.6</b>	<b>10.7</b>	<b>11.2</b>

\*\*\* Moderate to heavy disease pressure (including SDS) affected yields of some varieties at the Chaffee site and are not included in this region summary table. Yield results for such varieties are provided in the single location tables.

\*\* Highest yielding variety in test

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



# CHARACTERISTICS of soybean varieties entered into the 2014 MU VARIETY TESTING PROGRAM

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 <sup>1</sup>	Seed Treatment <sup>2</sup>	Phyto <sup>3</sup>		SCN source <sup>4</sup>	Phyto <sup>3</sup>			
			Gene	Field tol.		SDS rate <sup>5</sup>	Gly	Glu	STS
Armor 39-R16	3.9	2,5,10	n/i	n/i	n/i	n/i	Y	N	N
Armor 43-R43	4.3	2,5,10	n/i	n/i	n/i	n/i	Y	N	N
Armor 44-R08	4.4	2,5,10	n/i	n/i	n/i	n/i	Y	N	N
Armor 46-R65	4.6	2,5,10	n/i	n/i	n/i	n/i	Y	N	N
Armor 47-R13	4.7	2,5,10	n/i	n/i	n/i	n/i	Y	N	N
Armor 48-R66	4.8	2,5,10	n/i	n/i	n/i	n/i	Y	N	N
Armor 49-C3	4.9	2,5,10	n/i	n/i	n/i	n/i	N	N	N
Armor 49-R56	4.9	2,5,10	n/i	n/i	n/i	n/i	Y	N	N
Armor 50-R44	5.0	2,5,10	n/i	n/i	n/i	n/i	Y	N	N
Armor AX4390	3.9	2,5,10	n/i	n/i	n/i	n/i	Y	N	N
Armor AX4391	3.9	2,5,10	n/i	n/i	n/i	n/i	Y	N	N
Armor AX4410	4.1	2,5,10	n/i	n/i	n/i	n/i	Y	N	N
Armor AX4440	4.4	2,5,10	n/i	n/i	n/i	n/i	Y	N	N
Armor AX4450	4.5	2,5,10	n/i	n/i	n/i	n/i	Y	N	N
Armor AX4470	4.7	2,5,10	n/i	n/i	n/i	n/i	Y	N	N
Armor AX4471	4.7	2,5,10	n/i	n/i	n/i	n/i	Y	N	N
Armor AX4480	4.8	2,5,10	n/i	n/i	n/i	n/i	Y	N	N
Armor AX4490	4.9	2,5,10	n/i	n/i	n/i	n/i	Y	N	N
Armor AX4500	5.0	2,5,10	n/i	n/i	n/i	n/i	Y	N	N
Armor AX4520	5.2	2,5,10	n/i	n/i	n/i	n/i	Y	N	N
Armor X447C	4.7	2,5,10	n/i	n/i	n/i	n/i	N	N	Y
Armor X47C	4.7	2,5,10	n/i	n/i	n/i	n/i	N	N	Y
Armor X48C	4.8	2,5,10	n/i	n/i	n/i	n/i	N	N	Y
Armor X49C	4.9	2,5,10	n/i	n/i	n/i	n/i	N	N	Y
Asgrow AG3432	3.4	1	rps1c	7	PI88788	5	Y	N	N
Asgrow AG3735	3.7	1	rps1k	5	PI88788	4	Y	N	N
Asgrow AG3832	3.8	1	rps1c	4	PI88788	4	Y	N	N
Asgrow AG3934	3.9	1	rps1c	4	PI88788	5	Y	N	N
Asgrow AG4034	4.0	1	rps1c	4	PI88788	5	Y	N	N
Asgrow AG4135	4.1	1	rps1c	5	PI88788	4	Y	N	N
Asgrow AG4232	4.2	1	rps1a	5	PI88788	5	Y	N	Y
Asgrow AG4531	4.5	1	rps1c	7	PI88788	4	Y	N	Y
Asgrow AG4633	4.6	1	rps1c	4	PI88788	5	Y	N	N
Asgrow AG4730	4.7	1	n/i	5	PI88788	5	Y	N	Y
Asgrow AG4831	4.8	1	n/i	7	PI88788	3	Y	N	Y
Asgrow AG4835	4.8	1	rps1c	6	PI88788	5	Y	N	N
Asgrow AG4933	4.9	1	rps1c	4	PI88788	4	Y	N	N
Asgrow AG4934	4.9	1	rps1c	5	PI88788	3	Y	N	Y
Asgrow AG5332	5.3	1	n/i	5	PI88788	6	Y	N	N
Asgrow AG5335	5.3	1	rps1c	4	PI88788	3	Y	N	Y

Variety	MG <sup>1</sup>	Seed Treatment <sup>2</sup>	Phyto <sup>3</sup>		SCN source <sup>4</sup>	Phyto <sup>3</sup>			
			Gene	Field tol.		SDS rate <sup>5</sup>	Gly	Glu	STS
Bayer BX 2810 LL	2.8	13,18,20	rps1k	3	n/i	4	N	Y	N
Bayer BX 3233 LL	3.2	13,18,20	rps1k	3	n/i	3	N	Y	N
Bayer BX 3539 LL	3.5	13,18,20	rps1k	3	n/i	3	N	Y	N
Bayer BX 3560 RY	3.5	13,18,20	rps1c	n/i	n/i	3	Y	N	N
Bayer BX 3771 RY	3.7	13,18,20	rps1c	4	PI88788	4	Y	N	N
Bayer BX 3841 LL	3.8	13,18,20	rps1a	2	n/i	3	N	Y	N
Bayer BX 3945 LL	3.9	13,18,20	n/i	3	n/i	3	N	Y	N
Bayer BX 4105 LL	4.1	13,18,20	rps1c	3	n/i	3	N	Y	N
Bayer BX 4181 RY	4.1	13,18,20	n/i	3	n/i	3	Y	N	N
Bayer BX 4748 LL	4.7	13,18,20	n/i	3	n/i	3	N	Y	N
Bayer BX 4959 RY	4.9	13,18,20	rps1a	4	PI88788	3	Y	N	N
Bayer BX 5150 LL	5.1	13,18,20	rps1c	3	n/i	3	N	Y	N
Bayer BX 5242 LL	5.2	13,18,20	n/i	3	n/i	3	N	Y	N
Bayer HBK LL4650	4.6	13,18,20	rps1c	2	n/i	2	N	Y	N
Bayer HBK LL4653	4.6	13,18,20	n/i	n/i	n/i	4	N	Y	N
Bayer HBK LL4850	4.8	13,18,20	rps1k	n/i	n/i	3	N	Y	N
Bayer HBK LL4950	4.9	13,18,20	rps1c	n/i	n/i	2	N	Y	N
Bayer HBK LL4953	4.9	13,18,20	rps1c	n/i	n/i	4	N	Y	N
Bayer HBK RY4620	4.6	13,18,20	rps1c	n/i	n/i	n/i	Y	N	Y
Bayer HBK RY4721	4.7	13,18,20	rps1c	2	n/i	3	Y	N	Y
Bayer HBK RY5221	5.2	13,18,20	n/i	2	n/i	n/i	Y	N	N
Bayer HBK RY5421	5.4	13,18,20	n/i	5	n/i	n/i	Y	N	Y
Beck 337L4	3.3	4	rps1k	2	PI88788	2	N	Y	N
Beck 349L4	3.4	4	rps1k	2	PI88788	3	N	Y	N
Beck 354L4	3.5	4	rps1k	3	PI88788	1	N	Y	Y
Beck 366L4	3.6	4	rps1c	2	PI88788	2	N	Y	N
Beck 379L4	3.7	4	rps1c	2	PI88788	2	N	Y	N
Beck 394L4	3.9	4	rps1c	2	PI88788	2	N	Y	N
Beck 419L4	4.1	4	rps1c	2	PI88788	2	N	Y	N
Beck 423NL	4.2	4	rps1a	2	PI88788	2	N	Y	N
Beck 449L4	4.4	4	rps1c	3	PI88788	1	N	Y	N
Beck 483NL	4.8	4	rps1k	3	PI88788	2	N	Y	N
Delta Grow DG4670RR2	4.6	6	rps1c	2	PI88788	2	Y	N	N
Delta Grow DG4685RR2	4.6	6	rps1k	2	PI88788	2	Y	N	N
Delta Grow DG4755R2	4.7	6	n/i	4	PI88788	3	Y	N	N
Delta Grow DG4765RR2/STS	4.7	6	rps1c	2	PI88788	2	Y	N	Y
Delta Grow DG4767LL	4.7	6	n/i	4	PI88788	4	N	Y	N
Delta Grow DG4825RR2/STS	4.8	6	n/i	4	PI88788	3	Y	N	Y
Delta Grow DG4880RR	4.8	6	rps1k	2	PI88788	2	Y	N	N
Delta Grow DG4925RR2	4.9	6	rps1c	3	PI88788	3	Y	N	N

Variety	MG <sup>1</sup>	Seed Treatment <sup>2</sup>	Phyto <sup>3</sup>		SCN source <sup>4</sup>	SDS rate <sup>5</sup>	Phyto <sup>3</sup>		
			Gene	Field tol.			Gly	Glu	STS
Delta Grow DG4930RR2/STS	4.9	6	rps1c	2	PI88788	3	Y	N	Y
Delta Grow DG4940RR	4.9	6	n/i	3	Peking	3	Y	N	N
Delta Grow DG4967LL	4.9	6	rps1c	2	PI88788	2	N	Y	N
Delta Grow DG4970RR	4.9	6	rps1c	2	PI88788	2	Y	N	N
Delta Grow DG4981LL/STS	4.9	6	n/i	4	PI88788	4	N	Y	Y
Delta Grow DG4985RR2	4.9	6	rps1c	2	PI88788	2	Y	N	N
Delta Grow DG4990LL	4.9	6	rps1k	2	PI88788	3	N	Y	N
Delta Grow DG5230RR2	5.2	6	n/i	4	Peking	2	Y	N	N
Delta Grow DG5267LL	5.2	6	n/i	4	PI88788	4	N	Y	N
Delta Grow DG5367LL	5.3	6	n/i	4	PI88788	4	N	Y	N
Delta Grow DG5461LL	5.4	6	rps1k	2	PI88788	3	N	Y	N
Delta Grow DG5475RR2	5.4	6	n/i	4	PI88788	4	Y	N	N
Delta Grow DG5480RR2	5.4	6	n/i	4	PI88788	3	Y	N	N
Delta Grow DG5481LL	5.4	6	rps1k	2	PI88788	3	N	Y	N
Dyna-Gro 31RY45	4.5	8	rps1c	3	PI88788	4	Y	N	N
Dyna-Gro 32RY55	5.5	8	rps1c	2	PI88788	3	Y	N	N
Dyna-Gro 39RY43	4.3	8	rps1c	4	PI88788	4	Y	N	N
Dyna-Gro S35RS75	3.5	8	n/i	3	PI88788	3	Y	N	Y
Dyna-Gro S36RY24	3.6	8	rps1c	3	PI88788	3	Y	N	N
Dyna-Gro S38RY84	3.8	8	n/i	4	PI88788	3	Y	N	N
Dyna-Gro S39RY65	3.9	none	n/i	3	PI88788	3	Y	N	N
Dyna-Gro S40RY25	4.0	8	rps1c	3	PI88788	3	Y	N	N
Dyna-Gro S46RY85	4.6	8	rps1k	3	PI88788	3	Y	N	N
Dyna-Gro S47RY13	4.7	8	n/i	4	PI88788	3	Y	N	N
Dyna-Gro S48RS53	4.8	8	rps1c	3	PI88788	4	Y	N	Y
Dyna-Gro S49RY25	4.9	8	rps1c	2	PI88788	2	Y	N	N
Dyna-Gro S52RY75	5.2	8	n/i	4	Peking	3	Y	N	N
Dyna-Gro S54RY43	5.4	8	n/i	3	PI88788	3	Y	N	N
Ellis	4.9	12	n/i	n/i	n/i	n/i	Y	N	Y
eMerge 389F.YC	3.8	6	n/i	4	PI88788	4	N	N	N
eMerge e3553	3.5	6	rps1c	3	PI88788	2	N	N	N
eMerge e3782S	3.7	6	n/i	3	PI88788	3	N	N	Y
Go Soy 4713	4.7	6,19	n/i	3	n/i	4	N	Y	Y
Go Soy 4914	4.9	6,19	rps1k	4	n/i	4	N	Y	Y
Go Soy 5213	5.2	6,19	n/i	4	n/i	n/i	N	Y	Y
Go Soy 5214	5.2	6,19	n/i	4	n/i	4	N	Y	N
Green Valley GV385	3.8	1	n/i	2	PI88788	1	Y	N	N
Green Valley GV395	3.9	1	rps1c	2	PI88788	2	Y	N	N
Green Valley GV405	4.0	1	n/i	2	PI88788	2	Y	N	N
Halo 4:40	4.4	2,5,10	n/i	n/i	n/i	n/i	N	Y	N

Variety	MG <sup>1</sup>	Seed Treatment <sup>2</sup>	Phyto <sup>3</sup>		SCN source <sup>4</sup>	Phyto <sup>3</sup>			
			Gene	Field tol.		SDS rate <sup>5</sup>	Gly	Glu	STS
Halo 4:76	4.7	2,5,10	n/i	n/i	n/i	n/i	N	Y	N
Halo 4:94	4.9	2,5,10	n/i	n/i	n/i	n/i	N	Y	N
Halo 4:95	4.9	2,5,10	n/i	n/i	n/i	n/i	N	Y	N
Halo 4:97	4.9	2,5,10	n/i	n/i	n/i	n/i	N	Y	Y
Halo 5:01	5.0	2,5,10	n/i	n/i	n/i	n/i	N	Y	N
Halo 5:25	5.2	2,5,10	n/i	n/i	n/i	n/i	N	Y	N
Halo 5:26	5.2	2,5,10	n/i	n/i	n/i	n/i	N	Y	N
Halo 5:45	5.4	2,5,10	n/i	n/i	n/i	n/i	N	Y	N
Halo X440	4.0	2,5,10	n/i	n/i	n/i	n/i	N	Y	N
Halo X448	4.8	2,5,10	n/i	n/i	n/i	n/i	N	Y	N
Halo X449	4.9	2,5,10	n/i	n/i	n/i	n/i	N	Y	Y
Halo X451	5.1	2,5,10	n/i	n/i	n/i	n/i	N	Y	N
Halo X452	5.2	2,5,10	n/i	n/i	n/i	n/i	N	Y	N
Hoblit 355LL	3.5	7,18	rps1k	2	PI88788	2	N	Y	N
Hoblit 384LL	3.8	7,18	rps3a	2	PI88788	2	N	Y	N
Hoblit 405LL	4.0	7,18	rps1k	2	PI88788	2	N	Y	N
Hoegemeyer HPT 3997NRR	3.9	14	rps1k	5	PI88788	5	Y	N	N
Hoegemeyer HPT 4124NRR	4.1	14	rps1k	5	PI88788	5	Y	N	N
Hoegemeyer HPT 4306NRS	4.3	14	n/i	5	PI88788	3	Y	N	Y
Hoegemeyer HPT 4442NRR	4.4	14	rps1k	6	PI88788	5	Y	N	N
Hoegemeyer HPT 4822NRR	4.8	14	n/i	5	PI88788	4	Y	N	N
Hoegemeyer HPT 4904NR2S	4.9	14	rps1c	5	PI88788	4	Y	N	Y
Hoegemeyer HPT LL3716N	3.7	14	rps1k	4	PI88788	4	N	Y	N
Hoegemeyer HPT LL4203N	4.2	none	rps3a	3	PI88788	4	N	Y	N
Hoegemeyer HPT LL4809N	4.8	14	n/i	4	PI88788	5	N	Y	N
HS 34A42	3.4	6,19	rps1c	2	PI88788	3	Y	N	N
HS 36A42	3.6	6,19	rps1c	3	PI88788	3	Y	N	N
HS 37A42	3.7	6,19	rps1k	3	PI88788	3	Y	N	N
HS 38A32	3.8	6,19	rps1c	2	PI88788	3	Y	N	N
HS 39A22	3.9	6,19	n/i	4	PI88788	3	Y	N	N
HS 39A42	3.9	6,19	rps1c	3	PI88788	3	Y	N	N
HS 42A12	4.2	6,19	rps1c	4	PI88788	4	Y	N	N
HS 43A42	4.3	6,19	rps1a	2	PI88788	2	Y	N	N
HS 44L42	4.4	6,19	n/i	3	PI88788	3	N	Y	N
HS 45A12	4.5	6,19	rps1c	4	PI88788	2	Y	N	N
HS 45A42	4.5	6,19	rps1k	3	PI88788	3	Y	N	N
HS 47A42	4.7	6,19	rps1c	2	PI88788	3	Y	N	Y
HS 48A22	4.8	6,19	n/i	4	PI88788	3	Y	N	Y
HS 48L22	4.8	6,19	rps1k	3	PI88788	3	N	Y	N
HS 49A42	4.9	6,19	rps1c	2	PI88788	3	Y	N	Y

Variety	MG <sup>1</sup>	Seed Treatment <sup>2</sup>	Phyto <sup>3</sup>		SCN source <sup>4</sup>	Phyto <sup>3</sup>			
			Gene	Field tol.		SDS rate <sup>5</sup>	Gly	Glu	STS
Jake	5.4	6,19	n/i	n/i	Hartwig	n/i	N	N	N
Leland	5.1	6,19	n/i	n/i	n/i	n/i	N	N	N
Lewis 374R2	3.7	1	rps1c	5	PI88788	5	Y	N	N
Lewis 375R2	3.7	1	rps1c	5	PI88788	5	Y	N	N
Lewis 392R2	3.9	1	rps1c	3	PI88788	4	Y	N	N
Lewis 414R2	4.1	1	n/i	5	PI88788	3	Y	N	N
Lewis 423R2	4.2	1	rps1c	6	PI88788	3	Y	N	N
Lewis 424R2	4.2	1	rps1a	4	PI88788	7	Y	N	Y
Lewis 433R2	4.3	1	rps1c	3	PI88788	4	Y	N	N
Lewis 445R2	4.4	1	n/i	5	PI88788	4	Y	N	Y
Lewis 473R2	4.7	1	rps1c	4	PI88788	4	Y	N	Y
Lewis 534R2	5.3	1	rps1c	6	PI88788	3	Y	N	Y
LG Seeds C3555R2	3.5	none	rps1c	2	PI88788	2	Y	N	N
LG Seeds C3989R2	3.8	2,13,20	rps1k	3	PI88788	3	Y	N	N
LG Seeds C4010R2	4.0	none	rps1c	3	PI88788	3	Y	N	N
LG Seeds C4544R2	4.5	2,13,20	rps1c	1	PI88788	3	Y	N	N
LG Seeds C4696R2	4.6	none	rps1c	2	PI88788	3	Y	N	Y
LG Seeds C4780R2	4.7	2,13,20	rps1c	2	PI88788	2	Y	N	Y
LG Seeds C4885R2	4.8	2,13,20	rps1c	2	PI88788	3	Y	N	Y
LG Seeds C4919R2	4.9	2,13,20	rps1c	2	PI88788	3	Y	N	Y
LG Seeds C5122R2	5.1	2,13,20	rps1c	2	PI88788	2	Y	N	N
Merschman Adams 1434LL	3.4	9	rps1k	n/i	PI88788	2	N	Y	N
Merschman Atlanta 1549RR2	4.9	9	rps1c	n/i	PI88788	1	Y	N	N
Merschman Austin 1342LL	4.2	9	rps3a	n/i	PI88788	2	N	Y	N
Merschman Boston 1549LL	4.9	9	rps1k	n/i	PI88788	2	N	Y	N
Merschman Dallas 1549RR2	4.9	9	rps1c	n/i	PI88788	2	Y	N	N
Merschman Denver 1540RR2	4.0	9	rps1c	n/i	PI88788	2	Y	N	N
Merschman Eisenhower 1537RR2	3.7	9	rps1c	n/i	PI88788	2	Y	N	N
Merschman Everest 1552RR2	5.2	9	n/i	2	Peking	2	Y	N	N
Merschman Filmore 1534LL	3.4	9	rps1k	n/i	PI88788	2	N	Y	N
Merschman Garfield 1439RR2	3.9	9	n/i	2	PI88788	1	Y	N	N
Merschman Grant 1536LL	3.6	9	rps1k	n/i	PI88788	n/i	N	Y	N
Merschman Hayes 1535RR2	3.5	9	rps1c	n/i	PI88788	2	Y	N	N
Merschman Jackson 1536RR2	3.6	9	rps1c	n/i	PI88788	n/i	Y	N	N
Merschman Jefferson 1436LL	3.6	9	rps1c	n/i	PI88788	n/i	N	Y	N
Merschman Kennedy 1436RR2	3.6	9	rps1c	n/i	PI88788	2	Y	N	N
Merschman Madison 1539LL	3.9	9	rps1c	n/i	PI88788	n/i	N	Y	N
Merschman Memphis 1243RR2Y	4.3	9	rps1c	n/i	PI88788	3	Y	N	N
Merschman Miami 1349LL	4.9	9	rps1c	n/i	PI88788	2	N	Y	N
Merschman Nashville 1547RR2	4.7	9	rps1c	n/i	PI88788	2	Y	N	Y

Variety	MG <sup>1</sup>	Seed Treatment <sup>2</sup>	Phyto <sup>3</sup>		SCN source <sup>4</sup>	SDS rate <sup>5</sup>	Phyto <sup>3</sup>		
			Gene	Field tol.			Gly	Glu	STS
Merschman Norfolk 1541LL	4.1	9	rps1c	n/i	PI88788	2	N	Y	N
Merschman Orlando 1346LL	4.6	9	rps1c	n/i	PI88788	2	N	Y	N
Merschman Phoenix 1545RR2	4.5	9	rps1k	n/i	PI88788	2	Y	N	N
Merschman Richmond 1442RR2	4.2	9	rps1a	n/i	PI88788	2	Y	N	N
Merschman Roosevelt 1535RR2	3.5	9	rps1c	n/i	PI88788	2	Y	N	N
Merschman Rushmore 1453RR2	5.2	9	rps1c	n/i	PI88788	2	Y	N	N
Merschman Tampa 1545LL	4.5	9	n/i	2	PI88788	2	N	Y	N
Merschman Truman 1438LL	3.8	9	rps1c	n/i	PI88788	n/i	N	Y	N
Merschman Tucson 1549LL	4.9	9	rps1c	n/i	PI88788	2	N	Y	N
Merschman Tulsa 1545LL	4.5	9	n/i	2	PI88788	2	N	Y	N
Merschman Washington 1438RR2	3.8	9	rps1c	n/i	PI88788	1	Y	N	N
Merschman Whitney 1453LL	5.3	9	rps1k	n/i	PI88788	n/i	N	Y	N
Midland 3685NR2	3.6	5	n/i	2	PI88788	2	Y	N	N
Midland 3775NR2	3.7	5	n/i	2	PI88788	2	Y	N	N
Midland 3855NR2	3.8	5	n/i	2	PI88788	2	Y	N	N
Midland 3884NR2	3.8	5	n/i	2	PI88788	3	Y	N	N
Midland 3925NR2	3.9	5	n/i	2	PI88788	2	Y	N	N
Midland 3983NR2	3.9	5	n/i	2	PI88788	3	Y	N	N
Midland 4044NR2	4.0	5	n/i	2	PI88788	1	Y	N	N
Midland 4373NR2	4.3	5	n/i	2	PI88788	3	Y	N	N
Midland 4614NRS2	4.6	5	n/i	2	PI88788	2	Y	N	Y
Midland 4745NR2	4.7	5	n/i	2	PI88788	2	Y	N	N
Midland 4963NRS2	4.8	5	n/i	2	PI88788	2	Y	N	Y
Midland 5134NR2	5.1	5	n/i	2	PI88788	1	Y	N	N
MorSoy 34x34	3.4	6	rps1c	2	PI88788	2	Y	N	N
MorSoy 36x63	3.6	6	rps1c	2	PI88788	2	Y	N	N
MorSoy 37x24	3.7	6	rps1c	2	PI88788	2	Y	N	N
MorSoy 39x14	3.9	6	rps1c	2	PI88788	2	Y	N	N
MorSoy 41x04	4.1	6	n/i	2	PI88788	2	Y	N	N
MorSoy 43x53	4.3	6	rps1a	2	PI88788	2	Y	N	N
MorSoy 45x73	4.5	6	rps1c	2	PI88788	2	Y	N	Y
MorSoy 46x04	4.6	6	rps1k	2	PI88788	2	Y	N	N
MorSoy 47x12	4.7	6	rps1c	2	PI88788	2	Y	N	Y
MorSoy 47x54	4.7	6	rps1c	3	PI88788	2	Y	N	Y
MorSoy 48x22	4.8	6	n/i	2	PI88788	2	Y	N	Y
MorSoy Exp 34414	3.4	6	rps1c	2	PI88788	2	Y	N	N
MorSoy Exp 36814	3.6	6	rps1a	2	PI88788	2	Y	N	N
MorSoy Exp 43x44	4.3	6	rps1c	2	PI88788	2	Y	N	Y
MorSoy Exp 49514	4.9	6	rps1c	2	PI88788	2	Y	N	N
MorSoy Exp 52014	5.2	6	n/i	3	PI88788	2	Y	N	N

Variety	MG <sup>1</sup>	Seed Treatment <sup>2</sup>	Phyto <sup>3</sup>		SCN source <sup>4</sup>	SDS rate <sup>5</sup>	Phyto <sup>3</sup>		
			Gene	Field tol.			Gly	Glu	STS
MorSoy Exp 52114	5.2	6	rps1k	2	PI88788	2	Y	N	N
MorSoy Extra 44X82	4.4	6	rps1c	3	PI88788	2	Y	N	N
MorSoy Extra 46X04	4.6	6	rps1k	2	PI88788	2	Y	N	N
MorSoy Extra 47X12	4.7	6	rps1c	2	PI88788	2	Y	N	Y
MorSoy Extra 48X02	4.8	6	n/i	3	PI88788	2	Y	N	N
MorSoy Extra 48X34	4.8	6	rps1c	2	PI88788	2	Y	N	Y
MorSoy Extra 49X54	4.9	6	rps1c	1	PI88788	1	Y	N	N
MorSoy Extra 51X31	5.1	6	rps1c	2	PI88788	3	Y	N	N
MorSoy Extra 53X82	5.3	6	n/i	2	PI88788	3	Y	N	N
MorSoy Extra 54X41	5.4	6	rps1c	2	PI88788	3	Y	N	N
MorSoy LL 3704	3.7	6	rps1k	2	PI88788	2	N	Y	N
MorSoy LL 3944	3.9	6	rps1c	2	PI88788	2	N	Y	N
MorSoy LL 4524	4.7	6	n/i	n/i	n/i	n/i	N	Y	N
MOSEP 34774	3.4	6,19	n/i	n/i	PI88788	n/i	N	N	N
MOSEP 38944	3.8	6,19	n/i	n/i	n/i	n/i	N	N	N
MPG 4714NRR	4.7	6,19	n/i	n/i	n/i	n/i	N	N	N
MPG 5214NRR	5.2	6,19	n/i	n/i	n/i	n/i	N	N	N
MPG 5314NRR	5.3	6,19	n/i	n/i	n/i	n/i	N	N	N
MPV 4238N	4.2	6,19	n/i	n/i	n/i	n/i	N	N	N
MPV 4400N	4.4	6,19	n/i	n/i	Hartwig	n/i	N	N	N
MPV 483C	4.8	6,19	n/i	n/i	n/i	n/i	N	N	N
Mycogen 5N361R2	3.6	12	rps1c	3	PI88788	3	Y	N	N
Mycogen 5N372R2	3.7	12	rps1k	2	PI88788	4	Y	N	N
Mycogen 5N373R2	3.7	12	n/i	2	PI88788	3	Y	N	N
Mycogen 5N385R2	3.8	12	rps1c	2	PI88788	4	Y	N	N
Mycogen 5N393R2	3.9	12	rps1c	2	PI88788	3	Y	N	N
Mycogen 5N413R2	4.1	12	n/i	2	PI88788	3	Y	N	N
Mycogen 5N423R2	4.2	12	rps1a	3	PI88788	4	Y	N	Y
Mycogen 5N431R2	4.3	12	rps1c	3	PI88788	3	Y	N	N
Mycogen 5N451R2	4.5	12	rps1c	2	PI88788	4	Y	N	N
Mycogen 5N478R2	4.7	12	rps1c	3	PI88788	3	Y	N	Y
Mycogen 5N479R2	4.7	12	rps1c	2	PI88788	2	Y	N	Y
Mycogen 5N540R2	5.4	12	n/i	2	PI88788	2	Y	N	N
Mycogen 5N550R2	5.5	12	n/i	1	PI88788	1	Y	N	N
Mycogen X54490NR2	4.9	12	rps1c	2	PI88788	2	Y	N	N
Mycogen X54522NR2	5.2	12	n/i	3	PI88788	2	Y	N	N
NK S34-Z1 Brand	3.4	6,19	rps1c	5	n/i	3	N	N	N
NK S35-A5 Brand	3.5	6,19	rps1c	4	n/i	3	N	N	N
NK S36-M8 Brand	3.6	6,19	rps1c	4	n/i	4	N	N	N
NK S38-W4 Brand	3.8	6,19	n/i	4	n/i	3	N	N	N

Variety	MG <sup>1</sup>	Seed Treatment <sup>2</sup>	Phyto <sup>3</sup>		SCN source <sup>4</sup>	Phyto <sup>3</sup>			
			Gene	Field tol.		SDS rate <sup>5</sup>	Gly	Glu	STS
NK S39-U2 Brand	3.9	6,19	n/i	4	n/i	2	N	N	N
NK S40-N2 Brand	4.0	6,19	rps1a	5	PI88788	5	Y	N	N
NK S41-J6 Brand	4.1	6,19	rps1c	4	PI88788	4	Y	N	N
NK S42-W9 Brand	4.2	6,19	rps1a	6	n/i	6	N	N	N
NK S43-K1 Brand	4.5	6,19	n/i	4	PI88788	3	Y	N	Y
NK S45-V8 Brand	4.5	6,19	rps1c	4	PI88788	4	Y	N	N
NK S46-L2 Brand	4.6	6,19	rps1c	5	PI88788	4	Y	N	N
NK S47-K5 Brand	4.7	6,19	rps1a	5	PI88788	5	Y	N	N
NK S48-P4 Brand	4.8	6,19	rps1k	4	n/i	6	N	N	N
NK S51-C5 Brand	5.1	6,19	rps1a	5	PI88788	4	Y	N	N
NK S52-Y2 Brand	5.2	6,19	rps1c	6	PI88788	4	Y	N	N
NK S55-Q3 Brand	5.5	6,19	n/i	5	PI88788	5	Y	N	N
NuTech/G2 Genetics 3427L	4.2	16	rps1k	3	PI88788	4	N	Y	N
NuTech/G2 Genetics 7346	3.4	16	rps1k	7	PI88788	4	Y	N	N
NuTech/G2 Genetics 7357R2	3.5	16	rps1k	6	PI88788	5	Y	N	N
NuTech/G2 Genetics 7360	3.6	16	rps1k	5	PI88788	5	Y	N	N
NuTech/G2 Genetics 7384	3.8	16	n/i	5	PI88788	4	Y	N	N
NuTech/G2 Genetics 7407	4.0	16	rps1k	6	PI88788	5	Y	N	N
NuTech/G2 Genetics 7414	4.1	16	rps1k	5	PI88788	3	Y	N	N
NuTech/G2 Genetics 7436R2	4.3	16	rps1c	3	n/i	4	Y	N	N
NuTech/G2 Genetics 7465	4.6	16	n/i	6	n/i	4	Y	N	N
Pfister Seeds 39R29	3.9	6	rps1c	2	PI88788	3	Y	N	N
Pfister Seeds 43R29	4.3	6	rps1c	3	PI88788	3	Y	N	N
Pfister Seeds 47R22	4.7	6	rps1c	3	PI88788	3	Y	N	N
Power Plus 34T3	3.4	7,18	rps1k	n/i	PI88788	3	Y	N	N
Power Plus 36J3	3.6	7,18	rps1k	3	PI88788	3	Y	N	N
Power Plus 37N5	3.7	7,18	rps1k	3	PI88788	3	Y	N	N
Power Plus 39B3	3.9	7,18	rps1k	4	PI88788	2	Y	N	N
Power Plus 39R5	3.9	7,18	rps1k	3	PI88788	3	Y	N	N
Power Plus 41M4	4.1	7,18	rps1k	3	PI88788	2	Y	N	N
Power Plus 46A5	4.6	7,18	rps1k	3	PI88788	3	Y	N	N
Progeny 4211RY	4.2	13,18,20	n/i	5	n/i	3	Y	N	N
Progeny 4440RY	4.4	13,18,20	rps1a	n/i	n/i	3	Y	N	N
Progeny 4510RYS	4.5	13,18,20	n/i	3	n/i	1	Y	N	Y
Progeny 4560LL	4.5	13,18,20	rps1c	n/i	n/i	3	N	Y	N
Progeny 4613RYS	4.6	13,18,20	rps1c	n/i	n/i	3	Y	N	Y
Progeny 4620LLS	4.6	13,18,20	n/i	5	n/i	3	N	Y	Y
Progeny 4747RY	4.7	13,18,20	n/i	5	n/i	3	Y	N	N
Progeny 4788RY	4.7	13,18,20	rps1c	n/i	n/i	6	Y	N	N
Progeny 4819LL	4.8	13,18,20	rps1c	n/i	n/i	3	N	Y	N



Variety	MG <sup>1</sup>	Seed Treatment <sup>2</sup>	Phyto <sup>3</sup>		SCN source <sup>4</sup>	SDS rate <sup>5</sup>	Phyto <sup>3</sup>		
			Gene	Field tol.			Gly	Glu	STS
Progeny 4850RYS	4.8	13,18,20	rps1c	n/i	n/i	3	Y	N	Y
Progeny 4900RY	4.9	13,18,20	rps1a	n/i	n/i	3	Y	N	N
Progeny 4928LL	4.9	13,18,20	rps1k	n/i	n/i	n/i	N	Y	N
Progeny 4930LL	4.9	13,18,20	rps1c	n/i	n/i	3	N	Y	N
Progeny 5160LL	5.1	13,18,20	rps1k	n/i	n/i	3	N	Y	N
Progeny 5213RY	5.2	13,18,20	rps1c	n/i	n/i	3	Y	N	N
Progeny 5220LLS	5.2	13,18,20	n/i	5	n/i	n/i	N	Y	Y
Progeny 5333RY	5.3	13,18,20	rps1c	n/i	n/i	3	Y	N	N
ProHarvest 4366CR2Y	4.3	11,15	rps1c	n/i	PI88788	n/i	Y	N	N
ProHarvest 3846CR2Y	3.6	11,15	rps1c	n/i	PI88788	n/i	Y	N	N
ProHarvest 3971CR2Y	3.9	11,15	n/i	n/i	PI88788	n/i	Y	N	N
ProHarvest 4584CR2Y	4.5	11,15	rps1k	n/i	PI88788	n/i	Y	N	N
ProHarvest 4871CR2Y	4.8	none	n/i	n/i	PI88788	n/i	Y	N	N
R05-3239	4.9	3	n/i	n/i	n/i	n/i	N	N	N
R08-2797	4.7	3	n/i	n/i	n/i	n/i	N	N	N
R09-4571	4.9	3	n/i	n/i	n/i	n/i	N	N	N
REV 39A35	3.9	6	n/i	5	PI88788	6	Y	N	N
REV 41A05	4.1	6	n/i	n/i	PI88788	n/i	N	N	N
REV 42A65	4.2	6	rps1k	4	PI88788	5	Y	N	N
REV 46R64	4.6	6	rps1k	3	PI88788	5	Y	N	N
REV 47R34	4.7	6	n/i	6	PI88788	6	Y	N	N
REV 47R53	4.7	6	rps1k	3	PI88788	5	Y	N	N
REV 48R22	4.8	6	rps1k	6	PI88788	6	Y	N	N
REV 48R44	4.8	6	rps1k	5	PI88788	7	Y	N	N
REV 49A55	4.9	6	n/i	5	PI88788	4	Y	N	N
REV 49A75	4.9	6	rps1k	5	PI88788	5	Y	N	N
REV 49L29	4.9	6	n/i	n/i	PI88788	n/i	N	Y	N
REV 49R94	4.9	6	rps1k	4	PI88788	6	Y	N	N
REV 51R53	5.1	6	rps1k	5	PI88788	6	Y	N	N
REV 52A94	5.2	6	n/i	7	PI88788	n/i	Y	N	Y
REV 52R74	5.2	6	n/i	6	PI88788	7	Y	N	N
REV 53R23	5.3	6	rps1k	6	PI88788	8	Y	N	N
REV 54R84	5.4	6	rps1k	7	PI88788	6	Y	N	N
REV 55R53	5.5	6	rps1k	8	PI88788	6	Y	N	N
REV 56R63	5.6	6	rps3c	7	PI88788	8	Y	N	N
REV 57R21	5.7	6	n/i	7	PI88788	6	Y	N	N
S09-6262	4.8	7,18	n/i	3	PI88788	3	N	N	Y
S10-11227	4.1	7,18	n/i	5	Hartwig	3	N	N	N
S11-20124	5.2	7,18	n/i	3	Hartwig	3	N	N	N
S11-20356	4.9	7,18	n/i	3	Hartwig	3	N	N	N

Variety	MG <sup>1</sup>	Seed Treatment <sup>2</sup>	Phyto <sup>3</sup>		SCN source <sup>4</sup>	Phyto <sup>3</sup>			
			Gene	Field tol.		SDS rate <sup>5</sup>	Gly	Glu	STS
SA11-10182	4.0	6	n/i	n/i	n/i	n/i	Y	N	N
SA11-9446	4.0	6	n/i	n/i	n/i	n/i	Y	N	N
Stoddard	4.9	6,19	n/i	n/i	Hartwig	n/i	N	N	N
Stone Seed 2R4003	4.0	1	n/i	5	PI88788	5	Y	N	N
Stone Seed 2R4302	4.3	1	rps1c	6	PI88788	3	Y	N	N
Stone Seed 2R4500STS	4.5	1	rps1c	6	n/i	6	Y	N	Y
Stone Seed 2R4903STS	4.9	1	rps1c	4	PI88788	4	Y	N	Y
USG 74B94RS	4.7	12	rps1c	2	PI88788	3	Y	N	Y
USG 74B83R	4.8	12	n/i	n/i	PI88788	1	Y	N	Y
USG 74F53R	4.5	12	rps1c	n/i	n/i	1	Y	N	Y
Warren Seed DS 4330 R2Y	4.3	6	rps1c	3	PI88788	3	Y	N	N
Warren Seed DS 4340 R2Y	4.3	6	rps1c	3	PI88788	3	Y	N	N
Warren Seed DS 4633 R2Y	4.6	6	rps1c	3	PI88788	3	Y	N	N
Warren Seed DS 4850 R2Y/STS	4.8	6	rps1c	3	PI88788	3	Y	N	Y
Warren Seed DST 40-001 R2Y	4.0	6	rps1c	3	PI88788	4	Y	N	N
Willcross RY2363N	3.6	17	n/i	n/i	n/i	n/i	Y	N	N
Willcross RY2373N	3.7	17	n/i	n/i	n/i	n/i	Y	N	N
Willcross RY2394N	3.9	17	n/i	n/i	n/i	n/i	Y	N	N
Willcross RY2398N	3.9	17	n/i	n/i	n/i	n/i	Y	N	N
Willcross RY2470NS	4.7	6	n/i	n/i	n/i	n/i	Y	N	Y
Willcross RY2494NS	4.9	6	n/i	n/i	n/i	n/i	Y	N	Y
Willcross WX2344N	3.4	17	n/i	n/i	n/i	n/i	Y	N	N
Willcross WX2354N	3.5	17	n/i	n/i	n/i	n/i	Y	N	N
Willcross WX2364N	3.6	17	n/i	n/i	n/i	n/i	Y	N	N
Willcross WX2374N	3.7	17	n/i	n/i	n/i	n/i	Y	N	N
Willcross WX2394N	3.9	6	n/i	n/i	n/i	n/i	Y	N	N
Willcross WX2454N	4.5	6	n/i	n/i	n/i	n/i	Y	N	N
Willcross WX2464NS	4.6	6	n/i	n/i	n/i	n/i	Y	N	Y
Willcross WX2495NS	4.9	6	n/i	n/i	n/i	n/i	Y	N	Y
Willcross WX2534N	5.3	6	n/i	n/i	n/i	n/i	Y	N	N
Willcross WX2554N	5.5	6	n/i	n/i	n/i	n/i	Y	N	N

<sup>1</sup> MG = maturity group; first digit is maturity group; second digit is relative maturity within the group.

<sup>2</sup> 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. 1= Acceleron F/I, 2 = Acceleron, 3 = Apron Maxx, 4 = Escalate, 5 = Cruiser, 6 = Cruiser Maxx, 7 = Gaucho, 8 = Cruiser Maxx Advanced, 9 = Bonus Coated +, 10 = Maxim, 11 = Metalaxl, 12 = Clariva Complete, 13 = Poncho, 14 = Right Stand, 15 = Roncona, 16 = SmartCote Extra, 17 = Vigor + Fast Start, 18 = Trilex, 19 = Vibrance, 20 = Votivo.

<sup>3</sup> Phyto = Phytophthora. Information in the "Gene" column identifies the presence of one of several possible genes that provide resistance to specific races of the fungus that causes Phytophthora root rot. Field tol. = field tolerance, a rating for the ability of the variety to perform in the presence of the fungus that causes Phytophthora root rot. Scale 1-9 (1=excellent, 9=poor). "n/i" means the company did not provide information.

<sup>4</sup> Source of resistant to soybean cyst nematode. Peking = PI548402; Hartwig = PI437654. "n/i" means the company did not provide information.

<sup>5</sup> Rating for SDS (sudden death syndrome) resistance. Scale 1-9 (1=excellent, 9=poor). "n/i" means the company did not provide information.

<sup>6</sup> There are several traits that 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). A "Y" in the STS column means that the variety tolerates higher rates of some sulfonylurea herbicides (non-biotech). "n/i" means the company did not provide information. See seed company representatives for more information and check seed bag for registered trademarks of specific traits of interest.

## **SOURCES** for varieties entered in the **2014 MISSOURI SOYBEAN TESTS**

<b>Brand</b>	<b>Company and address</b>	<b>Phone</b>	<b>URL</b>
Armor	Armor Seed Co Waldenburg, AR 72475	870-579-2286	armorseed.com
Asgrow	Monsanto St. Louis, MO 63167	314-694-1000	monsanto.com
Bayer	Bayer Crop Science Conway, AR 72034	870-351-0390	cropscience.bayer.com
Beck	Beck's Hybrids Atlanta, IN 46031	317-984-3508	beckshybrids.com
Channel	Channel Bio Mexico, MO 65265	573-721-1061	channel.com
Delta Grow	Delta Grow Seed Co. England, AR 72046	501-842-2572	deltagrowseed.com
Dyna-Gro	Dyna-Gro Seed Dublin, OH 43017	573-470-1499	dynagroseed.com
Emerge	Schillinger Genetics W Des Moines, IA 50266	515-225-1166	grownongmo.com
GoSoy	Stratton Seed Co. Stuttgart, AR 72160	800-264-4433	strattonseed.com
Green Valley	Green Valley Seed Kohoka, MO 63445	800-748-7943	gvseed.com
Halo	US Seeds Jonesboro, AR 72401	870-336-2290	choosehalo.com
Hoblit	Burrus Seed Arenzille, IL 62611	217-997-5511	burrusseed.com
Hoegemeyer	Hoegemeyer Hybrids Hooper, NE 68031	402-654-3399	therightseed.com
HS	Growmark Inc. Bloomington, IL 61702	309-557-6399	fsseed.com
Kruger	Kruger Seed Co. Dike, IA 50624	800-772-2721	krugerseed.com
Lewis	Lewis Hybrids, Inc. Franklin, IL 62638	217-964-2131	lewishybrids.com
LG	LG Seeds Morrisonville, IL 62546	309-742-2211	lgseeds.com
Merschman	Merschman Seeds West Point, IA 52656	319-837-6111	merschmanseeds.com
Midland	Midland Genetics Ottawa, KS 66067	785-242-3598	midlandgenetics.com
MOSEP	Missouri Crop Improvement Association Columbia, MO 65201	573-449-0586	morsoy.com
MorSoy	Cache River Valley Seed Cash, AR 72421	870-477-5427	crvseed.com
MorSoy	MFA Inc. Columbia, MO 65201	573-876-5363	morsoy.com

<b>Brand</b>	<b>Company/address</b>	<b>Phone</b>	<b>URL</b>
MPG	Stratton Seed Stuttgart, AR 72160	800-264-4433	strattonseed.com
MPV	Missouri Crop Improvement Association Columbia, MO 65201	573-449-0586	moseed.org
Mycogen	Mycogen Seeds Indianapolis, IN 46268	800-692-6436	mycogen.com
NK	Syngenta Seeds Greensboro, NC 27419	800-334-9481	syngenta.com
NuTech/G2 Genetics	NuTech/G2 Genetics Ames, IA 50010	515-232-1997	yieldleader.com
Power Plus	Burrus Hybrids Arenzville, IL 62611	217-997-5511	burrusseed.com
Progeny	Progeny Ag Products Wynne, AR 72396	870-238-2079	progenyag.com
ProHarvest	ProHarvest of Missouri Chillicothe, MO 64601	660-646-1177	thecorndocor.com
Pfister	Pfister Seeds Pocahontas, IL 62275	618-488-6316	pfisterseeds.com
Stone	Stone Seed Group Pleasant Plains, IL 62677	217-714-6006	stoneseed.com
Terral	Terral Seed Rayville, LA 71269	318-231-8800	terralseed.com
USG	UniSouth Genetics Dickson, TN 37055	800-505-3133	usgseed.com
University of Arkansas	University of Arkansas Fayetteville, AR 72701	479-466-2213	
University of Missouri	University of Missouri Columbia, MO 65211	573-882-3001	plantsci.missouri.edu
University of Missouri	University of Missouri Portageville, MO 63873	573-379-5431	
Warren Seed DS	Warren Seed and Agronomy Service Union City, TN 38261	731-234-2921	
Willcross	NeCo Seed Farms Garden City, MO 64747	816-862-8203	willcrossseed.com
Willcross	Willcross Seed (KC Seed Group) King City, MO 64463	660-483-0355	willcrossseed.com





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