

# CONTENTS

|                                                                |     |
|----------------------------------------------------------------|-----|
| <b>PROCEDURES</b>                                              | 3   |
| <b>NORTH REGION</b>                                            | 7   |
| <i>Albany</i>                                                  | 8   |
| <i>Moorseville</i>                                             | 12  |
| <i>Novelty</i>                                                 | 16  |
| <i>LaGrange</i>                                                | 20  |
| <i>Summary of one-year results</i>                             | 24  |
| <b>CENTRAL REGION</b>                                          | 29  |
| <i>Henrietta</i>                                               | 30  |
| <i>Grand Pass</i>                                              | 34  |
| <i>Columbia</i>                                                | 38  |
| <i>Truxton</i>                                                 | 42  |
| <i>Annada</i>                                                  | 46  |
| <i>Summary of one-year results</i>                             | 50  |
| <b>SOUTHWEST REGION</b>                                        | 55  |
| <i>Harrisonville</i>                                           | 56  |
| <i>Adrian</i>                                                  | 58  |
| <i>Urich</i>                                                   | 60  |
| <i>Nevada</i>                                                  | 62  |
| <i>Lamar</i>                                                   | 64  |
| <i>Summary of one-year results</i>                             | 66  |
| <b>SOUTHEAST LOCATIONS</b>                                     | 69  |
| <i>Chaffee</i>                                                 | 70  |
| <i>Morehouse</i>                                               | 76  |
| <i>Portageville (Clay)</i>                                     | 82  |
| <i>Portageville (Loam)</i>                                     | 88  |
| <i>Summary of one-year results</i>                             | 94  |
| <b>CHARACTERISTICS AND TABLE NUMBERS FOR SOYBEAN VARIETIES</b> | 100 |
| <b>SOURCES FOR SOYBEAN VARIETIES</b>                           | 111 |



This report is published by the MU Variety Testing Program, Division of Plant Sciences, University of Missouri. The work was supported by fees from companies and organizations submitting varieties for evaluation. Soybean was first included in the University of Missouri's variety testing program in 1973. The number of entries has increased from 51 varieties in 1973 to more than 375 varieties today. The large number of varieties available makes selection of a superior variety difficult. To select intelligently, producers need a reliable, unbiased, up-to-date source of information that will permit valid comparisons among available varieties. The objective of the MU Variety Testing Program is to provide this information. Tests are conducted under as close to uniform conditions as possible. Small plots are used to reduce the chance of soil and other variations occurring among variety plots. Results obtained should aid the individual grower in judging the relative merits of many of the commercial varieties available in Missouri.

### 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 end 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.

## AUTHORS

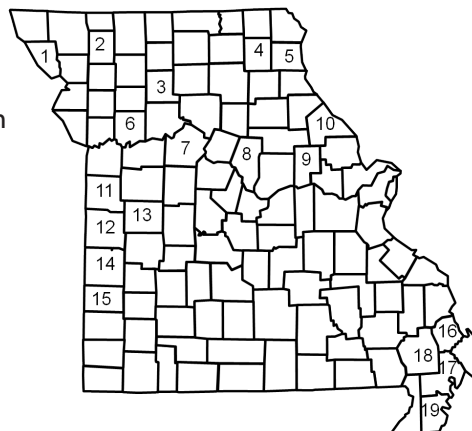
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## EXPERIMENTAL PROCEDURES

**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 names for 2011 are as follows:

1. Craig (Holt County); Steve Cunningham Farm
2. Albany (Gentry County); Hundley-Whaley Research Center
3. Mooresville (Livingston County); Beetsma Farm
4. Novelty (Knox County); Greenley Research Center
5. LaGrange (Lewis County); Roger Tiemann Farm
6. Henrietta (Ray County); John Williams Farm
7. Grand Pass (Saline County); Ryland and Fred Utlaut Farm
8. Columbia (Boone County); Bradford Research Center
9. Truxton (Montgomery County); Roy Cope Farm
10. Annada (Pike County); Bob Burkemper Farm
11. Harrisonville (Cass County); Roth Farm
12. Adrian (Bates County); Darrel Tenholder Farm
13. Urich (Henry County); Kurt Gretzinger Farm
14. Nevada (Vernon County); Steve Cubbage Farm
15. Lamar (Barton County); Wally Norton Farm
16. Chaffee (Scott County); Martin Eftink Farm
17. Morehouse (New Madrid County); Tom Jennings Farm
18. Dexter (Stoddard County) Scott Morgan Farm
19. Portageville Loam (Pemiscot County); Delta Research Center
19. Portageville Clay (Pemiscot County); Delta Research Center



## 2011 Test Descriptions

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 information was provided by the seed company.

**Entries:** All seed companies and organizations were eligible to enter the 2011 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.

**Field Plot Design and Plot Management:** Varieties were randomly arranged in the field according to a lattice design with three replications. Row spacing at locations in the North, Central and Southwest Regions was 15 inches. Row spacing at locations in the Southeast Region was 30 inches. Seeding rate for all plots, regardless of row spacing, was 174,200 seeds/acre. Individual plots were four rows wide for the 15-inch row spacing and two rows wide for the 30-inch row spacing with a row length of 25 feet for both. All 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 preplant 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. All soybean locations were tested for SCN egg number before planting. The MU Variety Testing program attempted to locate sites in fields of low to moderate levels of SCN.

**Accessibility of Data:** Results of the 2011 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.



## NORTH REGION CROP MANAGEMENT SUMMARY

The Soybean Test was to be conducted at five locations in the North Region (Craig, Albany, Mooresville, Novelty, LaGrange). The Craig location was flooded because of high water from the Missouri River and was abandoned. Novelty was planted late due to heavy spring rains, all other North Missouri sites were planted in a timely manner. Warrior was applied at LaGrange to control several insect pests including Japanese beetle.

### CHARACTERISTICS OF SOYBEAN TEST LOCATIONS – NORTH REGION

| Location    | Soil Type             | pH  | Soil Test |    |     | Precipitation |       |      |        |      |          |
|-------------|-----------------------|-----|-----------|----|-----|---------------|-------|------|--------|------|----------|
|             |                       |     | OM        | P  | K   | May           | June  | July | August | Sept | Seasonal |
| Craig       | (abandoned; see text) |     |           |    |     |               |       |      |        |      |          |
| Albany      | Grundy silt loam      | 5.9 | 2.9%      | 46 | 322 | 6.4"          | 3.4"  | 2.2" | 6.1"   | 0.8" | 18.9"    |
| Mooresville | Grundy silt loam      | 6.7 | 3.1%      | 24 | 284 | 5.0"          | 5.1"  | 4.6" | 4.4"   | 1.0" | 20.1"    |
| Novelty     | Putnam silt loam      | 5.2 | 2.5%      | 56 | 542 | 3.7"          | 11.1" | 2.6" | 1.8"   | 0.8" | 20.0"    |
| LaGrange    | Westerville silt loam | 5.9 | 2.4%      | 44 | 332 | 5.4"          | 15.5" | 1.0" | 0.6"   | 0.4" | 22.9"    |

<sup>a</sup> Region average season precipitation (May through September) = 20.8", 0.3" below normal.

### CROP MANAGEMENT PRACTICES AT THE SOYBEAN TEST LOCATIONS – NORTH REGION

| Location    | Dates                 |         | Fertilizer |                               |                  | Tillage | Herbicide                               |                          |
|-------------|-----------------------|---------|------------|-------------------------------|------------------|---------|-----------------------------------------|--------------------------|
|             | Planting              | Harvest | N          | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O |         | Pre                                     | Post                     |
| Craig       | (abandoned; see text) |         |            |                               |                  |         |                                         |                          |
| Albany      | May 10                | Oct 6   | 18         | 46                            | 50               | Min.    | Dual II Magnum, Sonic, Roundup PowerMax | Select, Basagran         |
| Mooresville | May 3                 | Oct 4   | 0          | 0                             | 180              | Min.    | Dual II Magnum, Sonic, Roundup PowerMax | none                     |
| Novelty     | Jun 6                 | Oct 10  | 0          | 0                             | 0                | Conv.   | Dual II Magnum, Sonic, Roundup PowerMax | Shadow, Blazer, Basagran |
| LaGrange    | May 12                | Oct 10  | 0          | 0                             | 0                | Min.    | Dual II Magnum, Sonic, Roundup PowerMax | none                     |

# ALBANY, MO (GENTRY COUNTY) - NORTH REGION

## MATURITY GROUP 3

| Brand/Variety              | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|----------------------------|----------------|-------------------|-------------------|--------------------|
| NuTech-G2 7373             | 74.3**         | 3.7               | 1                 | 39                 |
| Morsoy R2 39X01N           | 74.0*          | 3.9               | 1                 | 36                 |
| Power Plus 37T1            | 73.5*          | 3.7               | 1                 | 40                 |
| HS 37A02                   | 71.8*          | 3.7               | 1                 | 38                 |
| NuTech-G2 7390             | 71.3*          | 3.9               | 1                 | 37                 |
| Fontanelle 79N62           | 70.7*          | 3.9               | 1                 | 40                 |
| Kruger K2-3602             | 69.9*          | 3.6               | 2                 | 37                 |
| Morsoy R2 37X41N           | 69.7*          | 3.7               | 1                 | 42                 |
| NuTech-G2 7372             | 69.2*          | 3.7               | 1                 | 40                 |
| MorSoy RT 3930N            | 69.0*          | 3.9               | 1                 | 38                 |
| MPG 3911NRR                | 69.0*          | 3.9               | 1                 | 38                 |
| Asgrow AG3432              | 68.9           | 3.4               | 1                 | 41                 |
| HS 38A12                   | 68.9           | 3.8               | 1                 | 38                 |
| Kruger K2-3802             | 68.9           | 3.8               | 1                 | 34                 |
| Midland 3732NR2            | 68.9           | 3.7               | 1                 | 37                 |
| NK S39-U2 Brand            | 68.6           | 3.9               | 2                 | 38                 |
| Pioneer 93Y70              | 68.6           | 3.7               | 1                 | 45                 |
| Mycogen 5N392RR            | 68.4           | 3.9               | 1                 | 40                 |
| NuTech-G2 7385             | 68.4           | 3.8               | 1                 | 42                 |
| Morsoy R2 37X70N           | 68.3           | 3.7               | 1                 | 41                 |
| Fontanelle 78N71           | 68.2           | 3.8               | 1                 | 37                 |
| Dyna-Gro 34RY36            | 68.1           | 3.6               | 1                 | 38                 |
| Morsoy R2 36X11N           | 68.1           | 3.6               | 1                 | 36                 |
| Power Plus 38D2            | 68.1           | 3.8               | 1                 | 40                 |
| Morsoy R2 36X21N           | 68.0           | 3.6               | 1                 | 40                 |
| HS 39A02                   | 67.8           | 3.9               | 1                 | 36                 |
| MPG 3912R2N                | 67.8           | 3.9               | 1                 | 40                 |
| Power Plus X34T2           | 67.6           | 3.4               | 1                 | 36                 |
| Lewis 392R2                | 67.5           | 3.9               | 1                 | 42                 |
| Asgrow AG3830              | 67.4           | 3.8               | 1                 | 39                 |
| Dyna-Gro 36RY38            | 67.4           | 3.8               | 1                 | 39                 |
| Stine 3923-4               | 67.4           | 3.9               | 1                 | 37                 |
| Willcross RY2393N          | 67.3           | 3.9               | 1                 | 37                 |
| Morsoy R2 37X81N           | 67.2           | 3.7               | 1                 | 37                 |
| Mershman Washington 1238RR | 67.1           | 3.8               | 2                 | 41                 |
| NuTech-G2 7362             | 67.0           | 3.6               | 1                 | 34                 |
| Lewis 351R2                | 66.7           | 3.5               | 1                 | 38                 |
| NuTech 7388                | 66.7           | 3.8               | 2                 | 41                 |
| MorSoy RT 3807N            | 66.6           | 3.8               | 1                 | 37                 |
| HS 39A12                   | 66.5           | 3.9               | 1                 | 37                 |

**ALBANY, MO (GENTRY COUNTY) - NORTH REGION SOYBEAN TEST**

| Brand/Variety              | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|----------------------------|----------------|-------------------|-------------------|--------------------|
| Mycogen 5N385R2            | 66.4           | 3.8               | 1                 | 37                 |
| Lewis 362R2                | 66.3           | 3.6               | 1                 | 35                 |
| NuTech 3420L               | 66.3           | 3.4               | 1                 | 41                 |
| Midland 3850NR2            | 66.1           | 3.8               | 1                 | 38                 |
| Asgrow AG3731              | 65.9           | 3.7               | 1                 | 37                 |
| Pfister 37R28              | 65.9           | 3.7               | 2                 | 40                 |
| HS 36A12                   | 65.7           | 3.6               | 1                 | 37                 |
| Midland 3842NRR            | 65.7           | 3.8               | 1                 | 37                 |
| Mershman Kennedy 1036RR2Y  | 65.6           | 3.6               | 2                 | 42                 |
| Midland 3612NR2            | 65.6           | 3.6               | 1                 | 35                 |
| MPG 3811R2N                | 65.5           | 3.7               | 1                 | 38                 |
| NuTech-G2 7342             | 65.5           | 3.4               | 1                 | 36                 |
| Willcross RY2383N          | 65.5           | 3.8               | 1                 | 39                 |
| Midland 3822NR2            | 65.4           | 3.8               | 1                 | 39                 |
| Morsoy R2 38X31N           | 65.4           | 3.8               | 1                 | 38                 |
| Dyna-Gro 37P37             | 65.3           | 3.7               | 1                 | 37                 |
| Mycogen 5N386R2            | 65.2           | 3.8               | 1                 | 40                 |
| NK S35-T9 Brand            | 65.2           | 3.5               | 1                 | 41                 |
| NuTech-G2 7335             | 65.2           | 3.3               | 1                 | 39                 |
| Mycogen 5N371R2            | 65.1           | 3.7               | 2                 | 36                 |
| NuTech-G2 7389             | 65.0           | 3.8               | 1                 | 39                 |
| Morsoy R2 38X61N           | 64.6           | 3.8               | 1                 | 37                 |
| Asgrow AG3231              | 64.4           | 3.2               | 1                 | 36                 |
| Kruger K2-3902             | 64.4           | 3.9               | 2                 | 42                 |
| Willcross 1137N LL         | 64.3           | 3.7               | 1                 | 41                 |
| Kruger K2-3701             | 64.1           | 3.7               | 1                 | 38                 |
| Willcross RY236Exp         | 64.0           | 3.6               | 1                 | 40                 |
| Midland 3740NR2            | 63.8           | 3.8               | 1                 | 37                 |
| Asgrow AG3730              | 63.6           | 3.7               | 1                 | 37                 |
| Lewis 381R2                | 63.5           | 3.8               | 1                 | 38                 |
| NK S34-N3 Brand            | 63.5           | 3.4               | 1                 | 38                 |
| Willcross 2381N            | 63.4           | 3.8               | 1                 | 37                 |
| eMerge 389F.YC             | 63.1           | 3.7               | 1                 | 34                 |
| Midland 3952NR2            | 63.1           | 3.9               | 1                 | 39                 |
| Mershman Coolidge 1234RR2Y | 62.7           | 3.4               | 1                 | 36                 |
| Mershman Truman 938LL      | 62.7           | 3.8               | 2                 | 41                 |
| Willcross RY2342N          | 62.6           | 3.4               | 1                 | 37                 |
| HS 38A02                   | 62.5           | 3.8               | 1                 | 36                 |
| Pfister 38R25              | 62.5           | 3.8               | 1                 | 44                 |
| Morsoy LL 3759N            | 62.4           | 3.7               | 2                 | 37                 |

**ALBANY, MO (GENTRY COUNTY) - NORTH REGION SOYBEAN TEST**

| Brand/Variety           | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|-------------------------|----------------|-------------------|-------------------|--------------------|
| Dyna-Gro 33RY37         | 62.0           | 3.7               | 1                 | 39                 |
| Mershman Grant 1236LL   | 61.4           | 3.6               | 2                 | 40                 |
| Big Cob SR3211          | 61.2           | 3.2               | 1                 | 42                 |
| NuTech 7359             | 61.2           | 3.5               | 1                 | 37                 |
| Mershman Madison 1039LL | 61.0           | 3.9               | 1                 | 37                 |
| Willcross RY2362N       | 60.8           | 3.6               | 1                 | 33                 |
| NuTech 3372L            | 60.5           | 3.7               | 2                 | 38                 |
| Patriot                 | 60.5           | 3.9               | 1                 | 39                 |
| Fontanelle 9789 NRR     | 60.3           | 3.8               | 1                 | 42                 |
| Kruger K2-3402          | 60.1           | 3.4               | 1                 | 36                 |
| Hoblit 372LL            | 60.0           | 3.7               | 1                 | 40                 |
| Stine 37RC82            | 59.6           | 3.7               | 1                 | 41                 |
| NK S31-L7 Brand         | 59.3           | 3.1               | 1                 | 36                 |
| SS 10L.37N              | 58.9           | 3.7               | 1                 | 35                 |
| Willcross RY2321N       | 57.2           | 3.2               | 1                 | 34                 |
| SS 10L.39N              | 55.5           | 3.9               | 1                 | 36                 |
| Willcross 2350NS        | 54.0           | 3.5               | 2                 | 34                 |
| <b>GRAND MEAN</b>       | <b>65.4</b>    |                   | <b>1</b>          | <b>38</b>          |
| <b>LSD (10%)</b>        | <b>5.3</b>     |                   |                   |                    |
| <b>CV (%)</b>           | <b>6.0</b>     |                   |                   |                    |

**\*\*Highest yielding variety within a maturity group in a test.**

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

**ALBANY, MO (GENTRY COUNTY) - NORTH REGION SOYBEAN TEST**
**MATURITY GROUP 4**

| Brand/Variety             | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------------|----------------|-------------------|-------------------|--------------------|
| Mershman Memphis 1243RR2Y | 71.8**         | 4.3               | 1                 | 39                 |
| NuTech-G2 7442            | 71.5*          | 4.4               | 1                 | 43                 |
| Mershman Tampa 1245LL     | 70.5*          | 4.5               | 2                 | 44                 |
| NuTech-G2 7402            | 69.8*          | 4.0               | 1                 | 38                 |
| Kruger K2-4102            | 69.7*          | 4.1               | 2                 | 45                 |
| Lewis 412R2               | 68.7*          | 4.1               | 1                 | 42                 |
| NuTech 7425S              | 68.7*          | 4.2               | 1                 | 39                 |
| Midland 4162NR2           | 67.5*          | 4.1               | 1                 | 42                 |
| NuTech-G2 7420            | 67.4*          | 4.2               | 1                 | 45                 |
| Mershman Phoenix 1245RR2Y | 67.3*          | 4.5               | 1                 | 43                 |
| Big Cob B44LL             | 67.0*          | 4.4               | 2                 | 47                 |
| Mershman Austin 1142LL    | 67.0*          | 4.2               | 1                 | 41                 |
| NuTech 7478               | 65.1           | 4.7               | 1                 | 43                 |
| NuTech-G2 7460            | 64.8           | 4.6               | 1                 | 49                 |
| Pioneer 94Y01             | 64.0           | 4.0               | 1                 | 43                 |
| Kruger K2-4201            | 63.1           | 4.2               | 1                 | 48                 |
| Stine 40RC32              | 62.7           | 4.0               | 1                 | 42                 |
| NK S42-T4 Brand           | 62.5           | 4.2               | 1                 | 46                 |
| NuTech-G2 7415SE          | 62.1           | 4.1               | 1                 | 43                 |
| Kruger K2-4101            | 61.0           | 4.1               | 1                 | 45                 |
| Kruger K2-4202            | 60.5           | 4.2               | 1                 | 44                 |
| Kruger K2-4302            | 59.9           | 4.3               | 1                 | 41                 |
| Mustang                   | 59.4           | 4.2               | 2                 | 42                 |
| MPV 4238N                 | 58.0           | 4.2               | 1                 | 41                 |
| S08-15072                 | 53.7           | 4.1               | 2                 | 43                 |
| <b>GRAND MEAN</b>         | <b>64.4</b>    |                   | <b>1</b>          | <b>43</b>          |
| <b>LSD (10%)</b>          | <b>4.8</b>     |                   |                   |                    |
| <b>CV (%)</b>             | <b>5.4</b>     |                   |                   |                    |

\*\*Highest yielding variety within a maturity group in a test.

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

# MOORESVILLE, MO (LIVINGSTON COUNTY) - NORTH REGION

## MATURITY GROUP 3

| Brand/Variety              | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|----------------------------|----------------|-------------------|-------------------|--------------------|
| NuTech-G2 7372             | 64.3**         | 3.7               | 1                 | 45                 |
| Midland 3612NR2            | 63.5*          | 3.6               | 1                 | 42                 |
| Willcross RY236Exp         | 63.3*          | 3.6               | 1                 | 43                 |
| Morsoy R2 37X41N           | 62.9*          | 3.7               | 1                 | 43                 |
| Pfister 37R28              | 62.7*          | 3.7               | 1                 | 44                 |
| NuTech-G2 7389             | 62.6*          | 3.8               | 1                 | 43                 |
| Lewis 351R2                | 62.4*          | 3.5               | 1                 | 42                 |
| Power Plus 37T1            | 62.4*          | 3.7               | 1                 | 41                 |
| Willcross RY2321N          | 62.3*          | 3.2               | 1                 | 39                 |
| Asgrow AG3730              | 61.7*          | 3.7               | 1                 | 42                 |
| Mycogen 5N371R2            | 61.7*          | 3.7               | 1                 | 44                 |
| Morsoy R2 39X01N           | 61.6*          | 3.9               | 1                 | 43                 |
| Kruger K2-3902             | 61.1*          | 3.9               | 1                 | 46                 |
| Power Plus X34T2           | 61.1*          | 3.4               | 1                 | 42                 |
| HS 38A12                   | 60.8*          | 3.8               | 1                 | 42                 |
| Midland 3732NR2            | 60.6*          | 3.7               | 1                 | 42                 |
| Lewis 362R2                | 60.5*          | 3.6               | 1                 | 43                 |
| Morsoy R2 36X21N           | 60.5*          | 3.6               | 1                 | 45                 |
| MorSoy RT 3930N            | 60.5*          | 3.9               | 1                 | 39                 |
| Dyna-Gro 34RY36            | 60.4*          | 3.6               | 1                 | 43                 |
| Midland 3850NR2            | 60.4*          | 3.8               | 1                 | 44                 |
| HS 36A12                   | 60.3*          | 3.6               | 1                 | 40                 |
| Mershman Truman 938LL      | 60.3*          | 3.8               | 1                 | 42                 |
| Lewis 392R2                | 60.1*          | 3.9               | 1                 | 42                 |
| NK S39-U2 Brand            | 60.1*          | 3.9               | 1                 | 45                 |
| Midland 3952NR2            | 60.0*          | 3.9               | 1                 | 40                 |
| Morsoy R2 38X61N           | 60.0*          | 3.8               | 1                 | 41                 |
| NK S31-L7 Brand            | 60.0*          | 3.1               | 1                 | 42                 |
| Mershman Washington 1238RR | 59.9*          | 3.8               | 1                 | 40                 |
| Morsoy R2 38X31N           | 59.9*          | 3.8               | 1                 | 42                 |
| Kruger K2-3701             | 59.7*          | 3.7               | 1                 | 44                 |
| NuTech 7388                | 59.7*          | 3.8               | 1                 | 42                 |
| Midland 3842NRR            | 59.6*          | 3.8               | 1                 | 43                 |
| Stine 3923-4               | 59.4*          | 3.9               | 1                 | 43                 |
| Asgrow AG3432              | 59.3*          | 3.4               | 2                 | 42                 |
| HS 39A02                   | 59.2*          | 3.9               | 1                 | 44                 |
| HS 39A12                   | 59.2*          | 3.9               | 1                 | 42                 |
| Kruger K2-3402             | 59.2*          | 3.4               | 1                 | 42                 |
| Asgrow AG3731              | 59.0*          | 3.7               | 1                 | 45                 |
| Asgrow AG3231              | 58.7           | 3.2               | 1                 | 44                 |

**MOORESVILLE, MO (LIVINGSTON COUNTY) - NORTH REGION SOYBEAN TEST**

| Brand/Variety              | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|----------------------------|----------------|-------------------|-------------------|--------------------|
| Dyna-Gro 37P37             | 58.7           | 3.7               | 1                 | 45                 |
| Morsoy R2 36X11N           | 58.7           | 3.6               | 1                 | 44                 |
| MPG 3911NRR                | 58.5           | 3.9               | 1                 | 40                 |
| NuTech-G2 7390             | 58.5           | 3.9               | 1                 | 43                 |
| MPG 3912R2N                | 58.4           | 3.9               | 1                 | 42                 |
| Mycogen 5N386R2            | 58.4           | 3.8               | 1                 | 44                 |
| NuTech-G2 7335             | 58.4           | 3.3               | 1                 | 43                 |
| NuTech-G2 7385             | 58.3           | 3.8               | 1                 | 44                 |
| Mershman Grant 1236LL      | 58.1           | 3.6               | 1                 | 39                 |
| Willcross RY2342N          | 58.1           | 3.4               | 1                 | 46                 |
| NuTech 3372L               | 57.9           | 3.7               | 1                 | 42                 |
| Pioneer 93Y70              | 57.7           | 3.7               | 1                 | 45                 |
| Hoblit 372LL               | 57.4           | 3.7               | 1                 | 42                 |
| Power Plus 38D2            | 57.4           | 3.8               | 1                 | 45                 |
| Asgrow AG3830              | 57.3           | 3.8               | 1                 | 45                 |
| Willcross 2381N            | 57.2           | 3.8               | 1                 | 43                 |
| Kruger K2-3602             | 57.1           | 3.6               | 1                 | 44                 |
| Mershman Coolidge 1234RR2Y | 57.1           | 3.4               | 1                 | 42                 |
| NuTech-G2 7362             | 57.1           | 3.6               | 1                 | 46                 |
| Fontanelle 9789 NRR        | 57.0           | 3.8               | 1                 | 43                 |
| NK S34-N3 Brand            | 57.0           | 3.4               | 1                 | 42                 |
| HS 37A02                   | 56.7           | 3.7               | 1                 | 38                 |
| Mershman Kennedy 1036RR2Y  | 56.7           | 3.6               | 1                 | 45                 |
| Morsoy LL 3759N            | 56.7           | 3.7               | 1                 | 41                 |
| Willcross RY2393N          | 56.7           | 3.9               | 1                 | 43                 |
| Pfister 38R25              | 56.6           | 3.8               | 1                 | 41                 |
| NuTech-G2 7342             | 56.5           | 3.4               | 1                 | 44                 |
| NuTech-G2 7373             | 56.3           | 3.7               | 1                 | 42                 |
| Big Cob SR3211             | 56.1           | 3.2               | 1                 | 40                 |
| Dyna-Gro 36RY38            | 56.0           | 3.8               | 1                 | 42                 |
| Willcross 2350NS           | 55.8           | 3.5               | 1                 | 43                 |
| Morsoy R2 37X70N           | 55.7           | 3.7               | 1                 | 44                 |
| SS 10L.37N                 | 55.3           | 3.7               | 1                 | 39                 |
| Willcross RY2383N          | 55.3           | 3.8               | 1                 | 44                 |
| Midland 3822NR2            | 55.2           | 3.8               | 1                 | 45                 |
| HS 38A02                   | 55.1           | 3.8               | 1                 | 40                 |
| Morsoy R2 37X81N           | 55.1           | 3.7               | 1                 | 44                 |
| Willcross 1137N LL         | 55.1           | 3.7               | 1                 | 41                 |
| MorSoy RT 3807N            | 54.6           | 3.8               | 1                 | 43                 |
| NK S35-T9 Brand            | 54.4           | 3.5               | 1                 | 44                 |

**MOORESVILLE, MO (LIVINGSTON COUNTY) - NORTH REGION SOYBEAN TEST**

| Brand/Variety           | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|-------------------------|----------------|-------------------|-------------------|--------------------|
| Fontanelle 78N71        | 54.3           | 3.8               | 1                 | 44                 |
| Stine 37RC82            | 54.3           | 3.7               | 1                 | 42                 |
| NuTech 3420L            | 54.2           | 3.4               | 1                 | 44                 |
| MPG 3811R2N             | 53.8           | 3.7               | 1                 | 44                 |
| Lewis 381R2             | 53.5           | 3.8               | 1                 | 40                 |
| Mycogen 5N385R2         | 53.5           | 3.8               | 1                 | 45                 |
| Kruger K2-3802          | 53.0           | 3.8               | 1                 | 42                 |
| Patriot                 | 52.9           | 3.9               | 1                 | 43                 |
| Dyna-Gro 33RY37         | 52.6           | 3.7               | 1                 | 41                 |
| Fontanelle 79N62        | 52.2           | 3.9               | 1                 | 42                 |
| eMerge 389F.YC          | 52.1           | 3.7               | 1                 | 36                 |
| Midland 3740NR2         | 51.8           | 3.8               | 1                 | 45                 |
| Willcross RY2362N       | 51.8           | 3.6               | 1                 | 42                 |
| NuTech 7359             | 51.5           | 3.5               | 1                 | 38                 |
| Mycogen 5N392RR         | 50.6           | 3.9               | 1                 | 39                 |
| SS 10L.39N              | 50.6           | 3.9               | 1                 | 42                 |
| Mershman Madison 1039LL | 48.6           | 3.9               | 1                 | 41                 |
| <b>GRAND MEAN</b>       | <b>57.7</b>    |                   | <b>1</b>          | <b>43</b>          |
| <b>LSD (10%)</b>        | <b>5.4</b>     |                   |                   |                    |
| <b>CV (%)</b>           | <b>6.9</b>     |                   |                   |                    |

*\*\*Highest yielding variety within a maturity group in a test.*

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

**MOORESVILLE, MO (LIVINGSTON COUNTY) - NORTH REGION SOYBEAN TEST**
**MATURITY GROUP 4**

| Brand/Variety             | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------------|----------------|-------------------|-------------------|--------------------|
| NuTech-G2 7442            | 59.9**         | 4.4               | 1                 | 44                 |
| Mershman Memphis 1243RR2Y | 59.3*          | 4.3               | 1                 | 42                 |
| NuTech-G2 7460            | 59.3*          | 4.6               | 1                 | 47                 |
| NuTech 7478               | 59.1*          | 4.7               | 1                 | 41                 |
| Kruger K2-4302            | 58.8*          | 4.3               | 1                 | 43                 |
| Kruger K2-4101            | 58.3*          | 4.1               | 1                 | 45                 |
| NuTech 7425S              | 58.3*          | 4.2               | 1                 | 42                 |
| Pioneer 94Y01             | 57.2*          | 4.0               | 1                 | 44                 |
| NuTech-G2 7415SE          | 56.6*          | 4.1               | 1                 | 43                 |
| Kruger K2-4102            | 56.4*          | 4.1               | 1                 | 44                 |
| NuTech-G2 7420            | 56.2*          | 4.2               | 1                 | 45                 |
| NuTech-G2 7402            | 55.9*          | 4.0               | 1                 | 42                 |
| Lewis 412R2               | 54.5           | 4.1               | 1                 | 42                 |
| NK S42-T4 Brand           | 54.2           | 4.2               | 1                 | 45                 |
| Mershman Phoenix 1245RR2Y | 54.0           | 4.5               | 1                 | 45                 |
| Kruger K2-4202            | 53.9           | 4.2               | 1                 | 45                 |
| Midland 4162NR2           | 53.6           | 4.1               | 1                 | 44                 |
| Big Cob B44LL             | 52.8           | 4.4               | 2                 | 44                 |
| Kruger K2-4201            | 51.5           | 4.2               | 1                 | 46                 |
| Stine 40RC32              | 49.9           | 4.0               | 1                 | 45                 |
| Mershman Austin 1142LL    | 49.0           | 4.2               | 1                 | 44                 |
| S08-15072                 | 48.5           | 4.1               | 1                 | 42                 |
| Mershman Tampa 1245LL     | 43.6           | 4.5               | 1                 | 43                 |
| MPV 4238N                 | 43.2           | 4.2               | 1                 | 43                 |
| Mustang                   | 26.1           | 4.2               | 1                 | 45                 |
| <b>GRAND MEAN</b>         | <b>53.4</b>    |                   | <b>1</b>          | <b>44</b>          |
| <b>LSD (10%)</b>          | <b>4.7</b>     |                   |                   |                    |
| <b>CV (%)</b>             | <b>6.5</b>     |                   |                   |                    |

\*\*Highest yielding variety within a maturity group in a test.

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

# NOVELTY, MO (KNOX COUNTY) - NORTH REGION

## MATURITY GROUP 3

| Brand/Variety              | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|----------------------------|----------------|-------------------|-------------------|--------------------|
| Stine 3923-4               | 53.7**         | 3.9               | 1                 | 29                 |
| Asgrow AG3432              | 51.8*          | 3.4               | 1                 | 30                 |
| MorSoy RT 3930N            | 51.7*          | 3.9               | 1                 | 30                 |
| MPG 3911NRR                | 51.6*          | 3.9               | 1                 | 31                 |
| Fontanelle 78N71           | 50.5*          | 3.8               | 1                 | 34                 |
| Mycogen 5N392RR            | 50.4*          | 3.9               | 1                 | 30                 |
| Dyna-Gro 36RY38            | 50.3*          | 3.8               | 1                 | 39                 |
| Lewis 351R2                | 50.1*          | 3.5               | 1                 | 30                 |
| NuTech 7388                | 49.8           | 3.8               | 1                 | 29                 |
| Kruger K2-3902             | 49.6           | 3.9               | 1                 | 26                 |
| Willcross 2381N            | 49.6           | 3.8               | 1                 | 26                 |
| Midland 3612NR2            | 49.5           | 3.6               | 1                 | 29                 |
| HS 38A02                   | 49.4           | 3.8               | 1                 | 22                 |
| Pioneer 93Y70              | 49.3           | 3.7               | 1                 | 33                 |
| MorSoy RT 3807N            | 49.2           | 3.8               | 1                 | 33                 |
| NuTech-G2 7373             | 49.1           | 3.7               | 1                 | 33                 |
| Willcross RY236Exp         | 49.1           | 3.6               | 1                 | 39                 |
| Kruger K2-3701             | 49.0           | 3.7               | 1                 | 28                 |
| NuTech-G2 7335             | 49.0           | 3.3               | 1                 | 31                 |
| NuTech-G2 7362             | 48.9           | 3.6               | 1                 | 35                 |
| Willcross RY2362N          | 48.7           | 3.6               | 1                 | 31                 |
| Midland 3732NR2            | 48.6           | 3.7               | 1                 | 33                 |
| Midland 3842NRR            | 48.6           | 3.8               | 1                 | 30                 |
| NuTech-G2 7385             | 48.6           | 3.8               | 1                 | 32                 |
| Dyna-Gro 34RY36            | 48.5           | 3.6               | 1                 | 35                 |
| Mershman Washington 1238RR | 48.3           | 3.8               | 1                 | 22                 |
| Dyna-Gro 37P37             | 48.2           | 3.7               | 1                 | 32                 |
| MPG 3912R2N                | 48.2           | 3.9               | 1                 | 38                 |
| NuTech-G2 7390             | 48.1           | 3.9               | 1                 | 31                 |
| Power Plus 37T1            | 48.1           | 3.7               | 1                 | 27                 |
| Asgrow AG3731              | 47.9           | 3.7               | 1                 | 26                 |
| HS 39A02                   | 47.9           | 3.9               | 1                 | 30                 |
| MPG 3811R2N                | 47.8           | 3.7               | 1                 | 32                 |
| HS 37A02                   | 47.7           | 3.7               | 1                 | 38                 |
| Kruger K2-3602             | 47.7           | 3.6               | 1                 | 27                 |
| Morsoy R2 39X01N           | 47.7           | 3.9               | 1                 | 30                 |
| Power Plus 38D2            | 47.7           | 3.8               | 1                 | 28                 |
| NK S39-U2 Brand            | 47.6           | 3.9               | 1                 | 30                 |
| Fontanelle 9789 NRR        | 47.4           | 3.8               | 1                 | 28                 |
| Morsoy R2 37X81N           | 47.4           | 3.7               | 1                 | 31                 |

**NOVELTY, MO (KNOX COUNTY) - NORTH REGION SOYBEAN TEST**

| Brand/Variety              | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|----------------------------|----------------|-------------------|-------------------|--------------------|
| Mycogen 5N371R2            | 47.4           | 3.7               | 1                 | 28                 |
| Mershman Coolidge 1234RR2Y | 47.2           | 3.4               | 1                 | 25                 |
| Asgrow AG3730              | 47.1           | 3.7               | 1                 | 30                 |
| NK S34-N3 Brand            | 47.1           | 3.4               | 1                 | 34                 |
| Midland 3952NR2            | 47.0           | 3.9               | 1                 | 33                 |
| Fontanelle 79N62           | 46.9           | 3.9               | 1                 | 35                 |
| Kruger K2-3802             | 46.8           | 3.8               | 1                 | 31                 |
| Midland 3740NR2            | 46.8           | 3.8               | 1                 | 22                 |
| SS 10L.37N                 | 46.6           | 3.7               | 1                 | 33                 |
| Dyna-Gro 33RY37            | 46.5           | 3.7               | 1                 | 37                 |
| NuTech 3420L               | 46.5           | 3.4               | 1                 | 30                 |
| Stine 37RC82               | 46.4           | 3.7               | 1                 | 26                 |
| Mor soy R2 37X41N          | 46.3           | 3.7               | 1                 | 28                 |
| HS 38A12                   | 46.2           | 3.8               | 1                 | 34                 |
| Mor soy R2 37X70N          | 46.1           | 3.7               | 1                 | 34                 |
| Mor soy R2 36X11N          | 46.0           | 3.6               | 1                 | 35                 |
| Willcross RY2342N          | 45.7           | 3.4               | 1                 | 29                 |
| Lewis 381R2                | 45.6           | 3.8               | 1                 | 34                 |
| NuTech-G2 7372             | 45.5           | 3.7               | 1                 | 33                 |
| eMerge 389F.YC             | 45.4           | 3.7               | 1                 | 27                 |
| Mershman Kennedy 1036RR2Y  | 45.4           | 3.6               | 1                 | 33                 |
| Willcross 2350NS           | 45.4           | 3.5               | 1                 | 30                 |
| Pfister 37R28              | 45.3           | 3.7               | 1                 | 24                 |
| Mershman Grant 1236LL      | 45.2           | 3.6               | 1                 | 30                 |
| Mor soy R2 38X61N          | 45.2           | 3.8               | 1                 | 30                 |
| Mor soy R2 36X21N          | 45.1           | 3.6               | 1                 | 32                 |
| Willcross RY2383N          | 45.1           | 3.8               | 1                 | 28                 |
| Asgrow AG3830              | 45.0           | 3.8               | 1                 | 36                 |
| Willcross RY2321N          | 44.9           | 3.2               | 1                 | 34                 |
| Hoblit 372LL               | 44.8           | 3.7               | 1                 | 35                 |
| Lewis 392R2                | 44.8           | 3.9               | 1                 | 29                 |
| Midland 3822NR2            | 44.8           | 3.8               | 1                 | 29                 |
| NuTech 7359                | 44.8           | 3.5               | 1                 | 26                 |
| Mycogen 5N386R2            | 44.7           | 3.8               | 1                 | 33                 |
| NK S35-T9 Brand            | 44.6           | 3.5               | 1                 | 33                 |
| Mershman Madison 1039LL    | 44.5           | 3.9               | 1                 | 26                 |
| NuTech 3372L               | 44.5           | 3.7               | 1                 | 30                 |
| Mor soy R2 38X31N          | 44.4           | 3.8               | 1                 | 29                 |
| NuTech-G2 7389             | 44.3           | 3.8               | 1                 | 32                 |
| Patriot                    | 44.2           | 3.9               | 1                 | 32                 |

**NOVELTY, MO (KNOX COUNTY) - NORTH REGION SOYBEAN TEST**

| Brand/Variety         | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|-----------------------|----------------|-------------------|-------------------|--------------------|
| Pfister 38R25         | 44.2           | 3.8               | 1                 | 28                 |
| Power Plus X34T2      | 44.2           | 3.4               | 1                 | 34                 |
| Big Cob SR3211        | 44.1           | 3.2               | 1                 | 29                 |
| Morsoy LL 3759N       | 44.1           | 3.7               | 1                 | 33                 |
| Mycogen 5N385R2       | 44.0           | 3.8               | 1                 | 29                 |
| HS 39A12              | 43.9           | 3.9               | 1                 | 28                 |
| Lewis 362R2           | 43.9           | 3.6               | 1                 | 29                 |
| Mershman Truman 938LL | 43.9           | 3.8               | 1                 | 28                 |
| Kruger K2-3402        | 43.8           | 3.4               | 1                 | 28                 |
| SS 10L.39N            | 43.8           | 3.9               | 1                 | 25                 |
| HS 36A12              | 43.6           | 3.6               | 1                 | 28                 |
| Willcross 1137N LL    | 43.6           | 3.7               | 1                 | 33                 |
| NuTech-G2 7342        | 43.4           | 3.4               | 1                 | 32                 |
| Asgrow AG3231         | 42.4           | 3.2               | 1                 | 30                 |
| NK S31-L7 Brand       | 41.9           | 3.1               | 1                 | 26                 |
| Midland 3850NR2       | 41.4           | 3.8               | 1                 | 31                 |
| Willcross RY2393N     | 40.9           | 3.9               | 1                 | 34                 |
| <b>GRAND MEAN</b>     | <b>46.6</b>    |                   | <b>1</b>          | <b>31</b>          |
| <b>LSD (10%)</b>      | <b>3.8</b>     |                   |                   |                    |
| <b>CV (%)</b>         | <b>6.0</b>     |                   |                   |                    |

**\*\*Highest yielding variety within a maturity group in a test.**

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

**NOVELTY, MO (KNOX COUNTY) - NORTH REGION SOYBEAN TEST**
**MATURITY GROUP 4**

| Brand/Variety             | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------------|----------------|-------------------|-------------------|--------------------|
| NuTech 7425S              | 48.0**         | 4.2               | 1                 | 29                 |
| NuTech-G2 7442            | 46.7*          | 4.4               | 1                 | 30                 |
| Kruger K2-4102            | 45.6*          | 4.1               | 1                 | 26                 |
| Lewis 412R2               | 45.0*          | 4.1               | 1                 | 28                 |
| Mershman Memphis 1243RR2Y | 44.9*          | 4.3               | 1                 | 27                 |
| Mershman Phoenix 1245RR2Y | 43.9           | 4.5               | 1                 | 29                 |
| Mershman Tampa 1245LL     | 42.8           | 4.5               | 1                 | 30                 |
| Pioneer 94Y01             | 42.5           | 4.0               | 1                 | 28                 |
| Kruger K2-4202            | 42.4           | 4.2               | 1                 | 29                 |
| Midland 4162NR2           | 42.1           | 4.1               | 1                 | 24                 |
| NuTech-G2 7420            | 42.0           | 4.2               | 1                 | 30                 |
| Big Cob B44LL             | 41.8           | 4.4               | 1                 | 33                 |
| MPV 4238N                 | 41.6           | 4.2               | 1                 | 28                 |
| NuTech-G2 7402            | 41.1           | 4.0               | 1                 | 21                 |
| NuTech-G2 7460            | 41.0           | 4.6               | 1                 | 30                 |
| Stine 40RC32              | 41.0           | 4.0               | 1                 | 28                 |
| S08-15072                 | 40.8           | 4.1               | 1                 | 32                 |
| NuTech-G2 7415SE          | 40.6           | 4.1               | 1                 | 29                 |
| Kruger K2-4302            | 40.4           | 4.3               | 1                 | 24                 |
| Mershman Austin 1142LL    | 40.3           | 4.2               | 1                 | 27                 |
| NuTech 7478               | 40.2           | 4.7               | 1                 | 22                 |
| Kruger K2-4101            | 39.7           | 4.1               | 1                 | 28                 |
| Mustang                   | 36.4           | 4.2               | 1                 | 30                 |
| NK S42-T4 Brand           | 35.8           | 4.2               | 1                 | 31                 |
| Kruger K2-4201            | 35.3           | 4.2               | 1                 | 28                 |
| <b>GRAND MEAN</b>         | <b>41.2</b>    |                   | <b>1</b>          | <b>28</b>          |
| <b>LSD (10%)</b>          | <b>3.8</b>     |                   |                   |                    |
| <b>CV (%)</b>             | <b>6.8</b>     |                   |                   |                    |

\*\*Highest yielding variety within a maturity group in a test.

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

## LAGRANGE, MO (LEWIS COUNTY) - NORTH REGION

### MATURITY GROUP 3

| Brand/Variety              | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|----------------------------|----------------|-------------------|-------------------|--------------------|
| Dyna-Gro 36RY38            | 74.6**         | 3.8               | 1                 | 40                 |
| Morsoy R2 37X41N           | 74.1*          | 3.7               | 1                 | 46                 |
| NuTech-G2 7385             | 74.1*          | 3.8               | 1                 | 49                 |
| Kruger K2-3802             | 73.7*          | 3.8               | 1                 | 46                 |
| Morsoy R2 39X01N           | 72.6*          | 3.9               | 1                 | 44                 |
| Mershman Coolidge 1234RR2Y | 72.5*          | 3.4               | 1                 | 40                 |
| Mycogen 5N392RR            | 72.1*          | 3.9               | 1                 | 44                 |
| Fontanelle 78N71           | 71.6*          | 3.8               | 1                 | 44                 |
| MPG 3811R2N                | 71.5*          | 3.7               | 1                 | 45                 |
| Asgrow AG3432              | 71.4*          | 3.4               | 1                 | 42                 |
| Midland 3612NR2            | 71.4*          | 3.6               | 1                 | 45                 |
| MorSoy RT 3930N            | 71.3*          | 3.9               | 1                 | 38                 |
| NuTech 7388                | 71.1*          | 3.8               | 1                 | 39                 |
| HS 36A12                   | 70.3*          | 3.6               | 1                 | 43                 |
| Midland 3732NR2            | 70.3*          | 3.7               | 1                 | 45                 |
| Morsoy R2 37X70N           | 70.3*          | 3.7               | 1                 | 44                 |
| MorSoy RT 3807N            | 70.2*          | 3.8               | 1                 | 46                 |
| Fontanelle 79N62           | 70.1*          | 3.9               | 1                 | 42                 |
| Kruger K2-3602             | 70.0*          | 3.6               | 1                 | 45                 |
| NuTech-G2 7372             | 70.0*          | 3.7               | 1                 | 46                 |
| HS 38A12                   | 69.8*          | 3.8               | 1                 | 44                 |
| Morsoy R2 36X21N           | 69.8*          | 3.6               | 1                 | 45                 |
| NK S39-U2 Brand            | 69.8*          | 3.9               | 1                 | 40                 |
| HS 37A02                   | 69.7*          | 3.7               | 1                 | 45                 |
| Mershman Washington 1238RR | 69.7*          | 3.8               | 1                 | 40                 |
| NuTech-G2 7362             | 69.7*          | 3.6               | 1                 | 44                 |
| NuTech-G2 7373             | 69.5*          | 3.7               | 1                 | 46                 |
| NuTech-G2 7390             | 69.4*          | 3.9               | 1                 | 42                 |
| Asgrow AG3730              | 69.3*          | 3.7               | 1                 | 39                 |
| Midland 3842NRR            | 69.3*          | 3.8               | 1                 | 48                 |
| Willcross RY236Exp         | 69.3*          | 3.6               | 1                 | 45                 |
| Asgrow AG3231              | 69.2           | 3.2               | 1                 | 42                 |
| NuTech 7359                | 68.9           | 3.5               | 1                 | 39                 |
| Pioneer 93Y70              | 68.7           | 3.7               | 1                 | 47                 |
| HS 38A02                   | 68.5           | 3.8               | 1                 | 43                 |
| Kruger K2-3701             | 68.5           | 3.7               | 1                 | 41                 |
| Midland 3740NR2            | 68.5           | 3.8               | 1                 | 48                 |
| Midland 3850NR2            | 68.5           | 3.8               | 1                 | 46                 |
| Mycogen 5N385R2            | 68.5           | 3.8               | 1                 | 37                 |
| Mershman Kennedy 1036RR2Y  | 68.3           | 3.6               | 1                 | 44                 |

**LAGRANGE, MO (LEWIS COUNTY) - NORTH REGION SOYBEAN TEST**

| Brand/Variety         | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|-----------------------|----------------|-------------------|-------------------|--------------------|
| Mycogen 5N386R2       | 68.3           | 3.8               | 1                 | 42                 |
| NK S34-N3 Brand       | 68.2           | 3.4               | 1                 | 38                 |
| NK S35-T9 Brand       | 68.2           | 3.5               | 1                 | 45                 |
| Asgrow AG3731         | 68.1           | 3.7               | 1                 | 48                 |
| Willcross 1137N LL    | 68.1           | 3.7               | 1                 | 45                 |
| Power Plus 38D2       | 68.0           | 3.8               | 1                 | 42                 |
| Mycogen 5N371R2       | 67.7           | 3.7               | 1                 | 43                 |
| Asgrow AG3830         | 67.6           | 3.8               | 1                 | 48                 |
| Mor soy R2 36X11N     | 67.5           | 3.6               | 1                 | 42                 |
| Fontanelle 9789 NRR   | 67.4           | 3.8               | 1                 | 45                 |
| Mor soy R2 38X31N     | 67.4           | 3.8               | 1                 | 42                 |
| Willcross 2381N       | 67.4           | 3.8               | 1                 | 41                 |
| Lewis 381R2           | 67.3           | 3.8               | 1                 | 45                 |
| Pfister 37R28         | 67.3           | 3.7               | 1                 | 46                 |
| Mor soy LL 3759N      | 66.9           | 3.7               | 1                 | 43                 |
| HS 39A02              | 66.8           | 3.9               | 1                 | 43                 |
| Power Plus 37T1       | 66.8           | 3.7               | 1                 | 41                 |
| Midland 3952NR2       | 66.7           | 3.9               | 1                 | 47                 |
| NuTech-G2 7335        | 66.7           | 3.3               | 1                 | 42                 |
| Kruger K2-3902        | 66.5           | 3.9               | 1                 | 40                 |
| Pfister 38R25         | 66.5           | 3.8               | 1                 | 43                 |
| Stine 37RC82          | 66.4           | 3.7               | 1                 | 43                 |
| Dyna-Gro 34RY36       | 66.2           | 3.6               | 1                 | 44                 |
| NuTech-G2 7389        | 66.2           | 3.8               | 1                 | 41                 |
| Power Plus X34T2      | 66.1           | 3.4               | 1                 | 42                 |
| Lewis 351R2           | 66.0           | 3.5               | 1                 | 38                 |
| Hoblit 372LL          | 65.8           | 3.7               | 1                 | 43                 |
| NK S31-L7 Brand       | 65.6           | 3.1               | 1                 | 38                 |
| Willcross RY2383N     | 65.6           | 3.8               | 1                 | 39                 |
| Lewis 392R2           | 65.4           | 3.9               | 1                 | 43                 |
| Lewis 362R2           | 65.3           | 3.6               | 1                 | 43                 |
| Willcross RY2342N     | 65.3           | 3.4               | 1                 | 40                 |
| Willcross RY2362N     | 65.2           | 3.6               | 1                 | 37                 |
| Mor soy R2 37X81N     | 65.1           | 3.7               | 1                 | 41                 |
| HS 39A12              | 64.9           | 3.9               | 1                 | 40                 |
| Mershman Grant 1236LL | 64.9           | 3.6               | 1                 | 45                 |
| Dyna-Gro 37P37        | 64.8           | 3.7               | 1                 | 44                 |
| NuTech 3372L          | 64.5           | 3.7               | 1                 | 44                 |
| Willcross RY2393N     | 64.5           | 3.9               | 1                 | 48                 |
| NuTech-G2 7342        | 64.2           | 3.4               | 1                 | 45                 |

**LAGRANGE, MO (LEWIS COUNTY) - NORTH REGION SOYBEAN TEST**

| <b>Brand/Variety</b>    | <b>Yield<br/>Bu/Ac</b> | <b>Maturity<br/>group</b> | <b>Lodging<br/>1 to 5</b> | <b>Plant-Height<br/>in</b> |
|-------------------------|------------------------|---------------------------|---------------------------|----------------------------|
| NuTech 3420L            | 64.0                   | 3.4                       | 1                         | 49                         |
| Willcross RY2321N       | 63.8                   | 3.2                       | 1                         | 44                         |
| Morsoy R2 38X61N        | 63.6                   | 3.8                       | 1                         | 47                         |
| MPG 3911NRR             | 63.2                   | 3.9                       | 1                         | 39                         |
| Stine 3923-4            | 63.1                   | 3.9                       | 1                         | 40                         |
| Kruger K2-3402          | 62.9                   | 3.4                       | 1                         | 43                         |
| Dyna-Gro 33RY37         | 62.7                   | 3.7                       | 1                         | 37                         |
| SS 10L.37N              | 62.7                   | 3.7                       | 1                         | 44                         |
| Mershman Madison 1039LL | 62.6                   | 3.9                       | 1                         | 44                         |
| Mershman Truman 938LL   | 62.0                   | 3.8                       | 1                         | 46                         |
| Willcross 2350NS        | 61.9                   | 3.5                       | 1                         | 42                         |
| MPG 3912R2N             | 61.5                   | 3.9                       | 1                         | 43                         |
| Big Cob SR3211          | 59.7                   | 3.2                       | 1                         | 44                         |
| SS 10L.39N              | 59.7                   | 3.9                       | 1                         | 43                         |
| Midland 3822NR2         | 59.5                   | 3.8                       | 1                         | 39                         |
| Patriot                 | 58.8                   | 3.9                       | 1                         | 47                         |
| eMerge 389F.YC          | 55.5                   | 3.7                       | 1                         | 36                         |
| <b>GRAND MEAN</b>       | <b>67.2</b>            |                           | <b>1</b>                  | <b>43</b>                  |
| <b>LSD (10%)</b>        | <b>5.3</b>             |                           |                           |                            |
| <b>CV (%)</b>           | <b>5.8</b>             |                           |                           |                            |

*\*\*Highest yielding variety within a maturity group in a test.*

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

**LAGRANGE, MO (LEWIS COUNTY) - NORTH REGION SOYBEAN TEST**
**MATURITY GROUP 4**

| Brand/Variety             | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------------|----------------|-------------------|-------------------|--------------------|
| Big Cob B44LL             | 72.8**         | 4.4               | 1                 | 49                 |
| Mershman Memphis 1243RR2Y | 71.8*          | 4.3               | 1                 | 44                 |
| Midland 4162NR2           | 71.7*          | 4.1               | 1                 | 49                 |
| Mershman Tampa 1245LL     | 71.5*          | 4.5               | 1                 | 49                 |
| NuTech-G2 7442            | 70.4*          | 4.4               | 1                 | 44                 |
| Kruger K2-4102            | 70.3*          | 4.1               | 1                 | 47                 |
| NuTech 7425S              | 70.2*          | 4.2               | 1                 | 43                 |
| NuTech-G2 7402            | 70.2*          | 4.0               | 1                 | 44                 |
| Mershman Phoenix 1245RR2Y | 70.0*          | 4.5               | 1                 | 48                 |
| Lewis 412R2               | 69.5*          | 4.1               | 1                 | 43                 |
| NuTech-G2 7420            | 69.3*          | 4.2               | 1                 | 49                 |
| Stine 40RC32              | 67.5           | 4.0               | 1                 | 48                 |
| NuTech-G2 7460            | 66.7           | 4.6               | 1                 | 48                 |
| Kruger K2-4202            | 66.2           | 4.2               | 1                 | 48                 |
| Kruger K2-4101            | 64.8           | 4.1               | 1                 | 47                 |
| Mershman Austin 1142LL    | 64.7           | 4.2               | 1                 | 46                 |
| NuTech 7478               | 64.7           | 4.7               | 1                 | 37                 |
| NK S42-T4 Brand           | 63.8           | 4.2               | 1                 | 52                 |
| Pioneer 94Y01             | 63.6           | 4.0               | 1                 | 47                 |
| NuTech-G2 7415SE          | 62.4           | 4.1               | 1                 | 46                 |
| S08-15072                 | 61.8           | 4.1               | 1                 | 48                 |
| Kruger K2-4302            | 60.7           | 4.3               | 1                 | 43                 |
| Mustang                   | 59.8           | 4.2               | 1                 | 49                 |
| MPV 4238N                 | 59.3           | 4.2               | 1                 | 48                 |
| Kruger K2-4201            | 59.2           | 4.2               | 1                 | 50                 |
| <b>GRAND MEAN</b>         | <b>66.3</b>    |                   | <b>1</b>          | <b>47</b>          |
| <b>LSD (10%)</b>          | <b>5.5</b>     |                   |                   |                    |
| <b>CV (%)</b>             | <b>6.1</b>     |                   |                   |                    |

\*\*Highest yielding variety within a maturity group in a test.

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

# NORTH REGION SUMMARY

## MATURITY GROUP 3

| Brand/Variety              | Albany<br>Bu/Ac | Mooreville<br>Bu/Ac | Novelty<br>Bu/Ac | LaGrange<br>Bu/Ac | Mean<br>Bu/Ac |
|----------------------------|-----------------|---------------------|------------------|-------------------|---------------|
| MorSoy R2 39X01N           | 74.0*           | 61.6*               | 47.7             | 72.6*             | 63.9**        |
| MorSoy R2 37X41N           | 69.7*           | 62.9*               | 46.3             | 74.1*             | 63.2*         |
| MorSoy RT 3930N            | 69.0*           | 60.5*               | 51.7*            | 71.3*             | 63.1*         |
| Asgrow AG3432              | 68.9            | 59.3*               | 51.8*            | 71.4*             | 62.8*         |
| Power Plus 37T1            | 73.5*           | 62.4*               | 48.1             | 66.8              | 62.7*         |
| Midland 3612NR2            | 65.6            | 63.5*               | 49.5             | 71.4*             | 62.5*         |
| NuTech-G2 7373             | 74.3**          | 56.3                | 49.1             | 69.5*             | 62.3*         |
| NuTech-G2 7385             | 68.4            | 58.3                | 48.6             | 74.1*             | 62.3*         |
| NuTech-G2 7372             | 69.2*           | 64.3**              | 45.5             | 70.0*             | 62.2*         |
| Midland 3732NR2            | 68.9            | 60.6*               | 48.6             | 70.3*             | 62.1*         |
| Dyna-Gro 36RY38            | 67.4            | 56.0                | 50.3*            | 74.6**            | 62.0*         |
| NuTech 7388                | 66.7            | 59.7*               | 49.8             | 71.1*             | 61.8*         |
| NuTech-G2 7390             | 71.3*           | 58.5                | 48.1             | 69.4*             | 61.8*         |
| NK S39-U2 Brand            | 68.6            | 60.1*               | 47.6             | 69.8*             | 61.5*         |
| HS 37A02                   | 71.8*           | 56.7                | 47.7             | 69.7*             | 61.4          |
| HS 38A12                   | 68.9            | 60.8*               | 46.2             | 69.8*             | 61.4          |
| Willcross RY236Exp         | 64.0            | 63.3*               | 49.1             | 69.3*             | 61.4          |
| Lewis 351R2                | 66.7            | 62.4*               | 50.1*            | 66.0              | 61.3          |
| Mershman Washington 1238RR | 67.1            | 59.9*               | 48.3             | 69.7*             | 61.2          |
| Fontanelle 78N71           | 68.2            | 54.3                | 50.5*            | 71.6*             | 61.1          |
| Kruger K2-3602             | 69.9*           | 57.1                | 47.7             | 70.0*             | 61.1          |
| Pioneer 93Y70              | 68.6            | 57.7                | 49.3             | 68.7              | 61.0          |
| Stine 3923-4               | 67.4            | 59.4*               | 53.7**           | 63.1              | 60.9          |
| Dyna-Gro 34RY36            | 68.1            | 60.4*               | 48.5             | 66.2              | 60.8          |
| Midland 3842NRR            | 65.7            | 59.6*               | 48.6             | 69.3*             | 60.8          |
| MorSoy R2 36X21N           | 68.0            | 60.5*               | 45.1             | 69.8*             | 60.8          |
| Kruger K2-3802             | 68.9            | 53.0                | 46.8             | 73.7*             | 60.6          |
| NuTech-G2 7362             | 67.0            | 57.1                | 48.9             | 69.7*             | 60.6          |
| MPG 3911NRR                | 69.0*           | 58.5                | 51.6*            | 63.2              | 60.5          |
| Asgrow AG3730              | 63.6            | 61.7*               | 47.1             | 69.3*             | 60.4          |
| HS 39A02                   | 67.8            | 59.2*               | 47.9             | 66.8              | 60.4          |
| Kruger K2-3902             | 64.4            | 61.1*               | 49.6             | 66.5              | 60.4          |
| Mycogen 5N371R2            | 65.1            | 61.7*               | 47.4             | 67.7              | 60.4          |
| Kruger K2-3701             | 64.1            | 59.7*               | 49.0             | 68.5              | 60.3          |
| Mycogen 5N392RR            | 68.4            | 50.6                | 50.4*            | 72.1*             | 60.3          |
| Pfister 37R28              | 65.9            | 62.7*               | 45.3             | 67.3              | 60.3          |
| Power Plus 38D2            | 68.1            | 57.4                | 47.7             | 68.0              | 60.3          |
| Asgrow AG3731              | 65.9            | 59.0*               | 47.9             | 68.1              | 60.2          |
| MorSoy R2 37X70N           | 68.3            | 55.7                | 46.1             | 70.3*             | 60.1          |
| MorSoy RT 3807N            | 66.6            | 54.6                | 49.2             | 70.2*             | 60.1          |

# **NORTH REGION SUMMARY - SOYBEAN TEST**

| Brand/Variety              | Albany<br>Bu/Ac | Mooreville<br>Bu/Ac | Novelty<br>Bu/Ac | LaGrange<br>Bu/Ac | Mean<br>Bu/Ac |
|----------------------------|-----------------|---------------------|------------------|-------------------|---------------|
| Morsoy R2 36X11N           | 68.1            | 58.7                | 46.0             | 67.5              | 60.0          |
| Fontanelle 79N62           | 70.7*           | 52.2                | 46.9             | 70.1*             | 59.9          |
| HS 36A12                   | 65.7            | 60.3*               | 43.6             | 70.3*             | 59.9          |
| Mershman Coolidge 1234RR2Y | 62.7            | 57.1                | 47.2             | 72.5*             | 59.8          |
| NuTech-G2 7335             | 65.2            | 58.4                | 49.0             | 66.7              | 59.8          |
| Power Plus X34T2           | 67.6            | 61.1*               | 44.2             | 66.1              | 59.7          |
| MPG 3811R2N                | 65.5            | 53.8                | 47.8             | 71.5*             | 59.6          |
| NuTech-G2 7389             | 65.0            | 62.6*               | 44.3             | 66.2              | 59.5          |
| Lewis 392R2                | 67.5            | 60.1*               | 44.8             | 65.4              | 59.4          |
| Willcross 2381N            | 63.4            | 57.2                | 49.6             | 67.4              | 59.4          |
| Asgrow AG3830              | 67.4            | 57.3                | 45.0             | 67.6              | 59.3          |
| Dyna-Gro 37P37             | 65.3            | 58.7                | 48.2             | 64.8              | 59.2          |
| Midland 3952NR2            | 63.1            | 60.0*               | 47.0             | 66.7              | 59.2          |
| Morsoy R2 38X31N           | 65.4            | 59.9*               | 44.4             | 67.4              | 59.2          |
| Midland 3850NR2            | 66.1            | 60.4*               | 41.4             | 68.5              | 59.1          |
| Mycogen 5N386R2            | 65.2            | 58.4                | 44.7             | 68.3              | 59.1          |
| Lewis 362R2                | 66.3            | 60.5*               | 43.9             | 65.3              | 59.0          |
| Mershman Kennedy 1036RR2Y  | 65.6            | 56.7                | 45.4             | 68.3              | 59.0          |
| MPG 3912R2N                | 67.8            | 58.4                | 48.2             | 61.5              | 58.9          |
| NK S34-N3 Brand            | 63.5            | 57.0                | 47.1             | 68.2              | 58.9          |
| HS 38A02                   | 62.5            | 55.1                | 49.4             | 68.5              | 58.8          |
| Morsoy R2 37X81N           | 67.2            | 55.1                | 47.4             | 65.1              | 58.7          |
| Asgrow AG3231              | 64.4            | 58.7                | 42.4             | 69.2              | 58.6          |
| HS 39A12                   | 66.5            | 59.2*               | 43.9             | 64.9              | 58.6          |
| Morsoy R2 38X61N           | 64.6            | 60.0*               | 45.2             | 63.6              | 58.3          |
| Mycogen 5N385R2            | 66.4            | 53.5                | 44.0             | 68.5              | 58.1          |
| NK S35-T9 Brand            | 65.2            | 54.4                | 44.6             | 68.2              | 58.1          |
| Fontanelle 9789 NRR        | 60.3            | 57.0                | 47.4             | 67.4              | 58.0          |
| Willcross RY2342N          | 62.6            | 58.1                | 45.7             | 65.3              | 57.9          |
| Willcross RY2383N          | 65.5            | 55.3                | 45.1             | 65.6              | 57.8          |
| Midland 3740NR2            | 63.8            | 51.8                | 46.8             | 68.5              | 57.7          |
| NuTech 3420L               | 66.3            | 54.2                | 46.5             | 64.0              | 57.7          |
| Willcross 1137N LL         | 64.3            | 55.1                | 43.6             | 68.1              | 57.7          |
| Morsoy LL 3759N            | 62.4            | 56.7                | 44.1             | 66.9              | 57.5          |
| Lewis 381R2                | 63.5            | 53.5                | 45.6             | 67.3              | 57.4          |
| Mershman Grant 1236LL      | 61.4            | 58.1                | 45.2             | 64.9              | 57.4          |
| NuTech-G2 7342             | 65.5            | 56.5                | 43.4             | 64.2              | 57.4          |
| Pfister 38R25              | 62.5            | 56.6                | 44.2             | 66.5              | 57.4          |
| Willcross RY2393N          | 67.3            | 56.7                | 40.9             | 64.5              | 57.3          |
| Mershman Truman 938LL      | 62.7            | 60.3*               | 43.9             | 62.0              | 57.2          |

# **NORTH REGION SUMMARY - SOYBEAN TEST**

| Brand/Variety           | Albany<br>Bu/Ac | Mooreville<br>Bu/Ac | Novelty<br>Bu/Ac | LaGrange<br>Bu/Ac | Mean<br>Bu/Ac |
|-------------------------|-----------------|---------------------|------------------|-------------------|---------------|
| Hoblitt 372LL           | 60.0            | 57.4                | 44.8             | 65.8              | 57.0          |
| Willcross RY2321N       | 57.2            | 62.3*               | 44.9             | 63.8              | 57.0          |
| NuTech 3372L            | 60.5            | 57.9                | 44.5             | 64.5              | 56.8          |
| NK S31-L7 Brand         | 59.3            | 60.0*               | 41.9             | 65.6              | 56.7          |
| NuTech 7359             | 61.2            | 51.5                | 44.8             | 68.9              | 56.6          |
| Stine 37RC82            | 59.6            | 54.3                | 46.4             | 66.4              | 56.6          |
| Willcross RY2362N       | 60.8            | 51.8                | 48.7             | 65.2              | 56.6          |
| Kruger K2-3402          | 60.1            | 59.2*               | 43.8             | 62.9              | 56.5          |
| Midland 3822NR2         | 65.4            | 55.2                | 44.8             | 59.5              | 56.2          |
| Dyna-Gro 33RY37         | 62.0            | 52.6                | 46.5             | 62.7              | 55.9          |
| SS 10L.37N              | 58.9            | 55.3                | 46.6             | 62.7              | 55.8          |
| Big Cob SR3211          | 61.2            | 56.1                | 44.1             | 59.7              | 55.2          |
| Willcross 2350NS        | 54.0            | 55.8                | 45.4             | 61.9              | 54.2          |
| Mershman Madison 1039LL | 61.0            | 48.6                | 44.5             | 62.6              | 54.1          |
| Patriot                 | 60.5            | 52.9                | 44.2             | 58.8              | 54.1          |
| eMerge 389F.YC          | 63.1            | 52.1                | 45.4             | 55.5              | 54.0          |
| SS 10L.39N              | 55.5            | 50.6                | 43.8             | 59.7              | 52.4          |
| <b>GRAND MEAN</b>       | <b>65.4</b>     | <b>57.7</b>         | <b>46.6</b>      | <b>67.2</b>       | <b>59.2</b>   |
| <b>LSD (10%)</b>        | <b>5.3</b>      | <b>5.4</b>          | <b>3.8</b>       | <b>5.3</b>        | <b>2.4</b>    |
| <b>CV (%)</b>           | <b>6.0</b>      | <b>6.9</b>          | <b>6.0</b>       | <b>5.8</b>        | <b>5.9</b>    |

*\*\*Highest yielding variety within a maturity group in a test.*

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

# **NORTH REGION SUMMARY - SOYBEAN TEST**

## **MATURITY GROUP 4**

| Brand/Variety             | Albany<br>Bu/Ac | Mooreville<br>Bu/Ac | Novelty<br>Bu/Ac | LaGrange<br>Bu/Ac | Mean<br>Bu/Ac |
|---------------------------|-----------------|---------------------|------------------|-------------------|---------------|
| NuTech-G2 7442            | 71.5*           | 59.9**              | 46.7*            | 70.4*             | 62.1**        |
| Mershman Memphis 1243RR2Y | 71.8**          | 59.3*               | 44.9*            | 71.8*             | 61.9*         |
| NuTech 7425S              | 68.7*           | 58.3*               | 48.0**           | 70.2*             | 61.3*         |
| Kruger K2-4102            | 69.7*           | 56.4*               | 45.6*            | 70.3*             | 60.5*         |
| Lewis 412R2               | 68.7*           | 54.5                | 45.0*            | 69.5*             | 59.4          |
| NuTech-G2 7402            | 69.8*           | 55.9*               | 41.1             | 70.2*             | 59.2          |
| Mershman Phoenix 1245RR2Y | 67.3*           | 54.0                | 43.9             | 70.0*             | 58.8          |
| Midland 4162NR2           | 67.5*           | 53.6                | 42.1             | 71.7*             | 58.7          |
| NuTech-G2 7420            | 67.4*           | 56.2*               | 42.0             | 69.3*             | 58.7          |
| Big Cob B44LL             | 67.0*           | 52.8                | 41.8             | 72.8**            | 58.6          |
| NuTech-G2 7460            | 64.8            | 59.3*               | 41.0             | 66.7              | 57.9          |
| NuTech 7478               | 65.1            | 59.1*               | 40.2             | 64.7              | 57.2          |
| Mershman Tampa 1245LL     | 70.5*           | 43.6                | 42.8             | 71.5*             | 57.1          |
| Pioneer 94Y01             | 64.0            | 57.2*               | 42.5             | 63.6              | 56.8          |
| Kruger K2-4101            | 61.0            | 58.3*               | 39.7             | 64.8              | 55.9          |
| Kruger K2-4202            | 60.5            | 53.9                | 42.4             | 66.2              | 55.7          |
| NuTech-G2 7415SE          | 62.1            | 56.6*               | 40.6             | 62.4              | 55.4          |
| Mershman Austin 1142LL    | 67.0*           | 49.0                | 40.3             | 64.7              | 55.2          |
| Stine 40RC32              | 62.7            | 49.9                | 41.0             | 67.5              | 55.2          |
| Kruger K2-4302            | 59.9            | 58.8*               | 40.4             | 60.7              | 54.9          |
| NK S42-T4 Brand           | 62.5            | 54.2                | 35.8             | 63.8              | 54.0          |
| Kruger K2-4201            | 63.1            | 51.5                | 35.3             | 59.2              | 52.2          |
| S08-15072                 | 53.7            | 48.5                | 40.8             | 61.8              | 51.2          |
| MPV 4238N                 | 58.0            | 43.2                | 41.6             | 59.3              | 50.5          |
| Mustang                   | 59.4            | 26.1                | 36.4             | 59.8              | 45.4          |
| <b>GRAND MEAN</b>         | <b>64.4</b>     | <b>53.4</b>         | <b>41.2</b>      | <b>66.3</b>       | <b>56.3</b>   |
| <b>LSD (10%)</b>          | <b>4.8</b>      | <b>4.7</b>          | <b>3.8</b>       | <b>5.5</b>        | <b>2.3</b>    |
| <b>CV (%)</b>             | <b>5.4</b>      | <b>6.5</b>          | <b>6.8</b>       | <b>6.1</b>        | <b>6.0</b>    |

\*\*Highest yielding variety within a maturity group in a test.

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



## CENTRAL REGION CROP MANAGEMENT SUMMARY

The Soybean Test was conducted at five locations (Henrietta, Grand Pass, Columbia, Truxton, Annada) in the Central Region. All five locations were planted in May, but wet soils and heavy precipitation reduced stand densities at Grand Pass, Columbia, and Truxton. Those three locations were replanted in June. Warrior was applied at Henrietta to control several insect pests including Japanese beetle.

### CHARACTERISTICS OF THE SOYBEAN TEST LOCATIONS – CENTRAL REGION

| Location   | Soil Type        | pH  | Soil Test |    |     | Precipitation |      |      |        |      |                     |
|------------|------------------|-----|-----------|----|-----|---------------|------|------|--------|------|---------------------|
|            |                  |     | OM        | P  | K   | May           | June | July | August | Sept | Season <sup>a</sup> |
| Henrietta  | Haynie silt loam | 5.7 | 1.8%      | 58 | 512 | 5.6"          | 4.0" | 3.3" | 5.4"   | 1.9" | 20.2"               |
| Grand Pass | Haynie silt loam | 5.4 | 2.0%      | 74 | 606 | 4.9"          | 3.4" | 3.7" | 3.3"   | 1.4" | 16.7"               |
| Columbia   | Mexico silt loam | 5.3 | 2.0%      | 28 | 242 | 6.7"          | 3.6" | 1.6" | 3.3"   | 2.5" | 17.7"               |
| Truxton    | Mexico silt loam | 5.9 | 2.2%      | 86 | 204 | 5.6"          | 6.3" | 1.2" | 1.9"   | 2.3" | 17.3"               |
| Annada     | Tice silt loam   | 5.3 | 1.8%      | 42 | 208 | 4.8"          | 5.6" | 1.3" | 1.6"   | 2.3" | 15.6"               |

<sup>a</sup> Region average season precipitation (May through September) = 17.2", 2.6" below normal.

### CROP MANAGEMENT PRACTICES AT THE SOYBEAN TEST LOCATIONS – CENTRAL REGION

| Location   | Dates    |                   | Fertilizer |                               |                  | Tillage | Herbicide                                  |                       |
|------------|----------|-------------------|------------|-------------------------------|------------------|---------|--------------------------------------------|-----------------------|
|            | Planting | Harvest           | N          | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O |         | Pre                                        | Post                  |
| Henrietta  | May 4    | Oct 7,<br>Oct 13  | 0          | 0                             | 0                | Min.    | Dual II Magnum, Sonic, Roundup<br>PowerMax | none                  |
| Grand Pass | June 10  | Oct 14            | 0          | 0                             | 0                | Notill  | Dual II Magnum, Sonic, Roundup<br>PowerMax | Flexstar,<br>Shadow   |
| Columbia   | June 9   | Oct 10,<br>Oct 16 | 0          | 0                             | 0                | Notill  | Dual II Magnum, Sonic, Roundup<br>PowerMax | Shadow,<br>Basagran   |
| Truxton    | June 9   | Oct 11            | 0          | 0                             | 0                | Notill  | Dual II Magnum, Sonic, Roundup<br>PowerMax | Basagran,<br>Fusilade |
| Annada     | May 5    | Oct 8             | 0          | 0                             | 0                | Min.    | Dual II Magnum, Sonic, Roundup<br>PowerMax | none                  |

## HENRIETTA, MO (RAY COUNTY) - CENTRAL REGION

### MATURITY GROUP 3

| Brand/Variety      | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|--------------------|----------------|-------------------|-------------------|--------------------|
| NuTech-G2 7372     | 68.0**         | 3.7               | 1                 | 48                 |
| Mycogen 5N385R2    | 66.9*          | 3.8               | 2                 | 47                 |
| Mycogen 5N386R2    | 66.9*          | 3.8               | 2                 | 44                 |
| Dyna-Gro 32RY39    | 65.4*          | 3.9               | 2                 | 43                 |
| Midland 3612NR2    | 65.3*          | 3.6               | 1                 | 49                 |
| Kruger K2-3902     | 65.0*          | 3.9               | 2                 | 46                 |
| Power Plus 38D2    | 65.0*          | 3.8               | 2                 | 46                 |
| Morsoy R2 39X01N   | 64.9*          | 3.9               | 2                 | 45                 |
| Morsoy R2 37X70N   | 64.5*          | 3.7               | 3                 | 45                 |
| Morsoy R2 38X31N   | 64.5*          | 3.8               | 1                 | 46                 |
| Kruger K2-3701     | 64.4*          | 3.7               | 2                 | 44                 |
| Power Plus 37T1    | 64.4*          | 3.7               | 3                 | 42                 |
| Stine 3923-4       | 64.0*          | 3.9               | 2                 | 45                 |
| Midland 3822NR2    | 63.3*          | 3.8               | 2                 | 48                 |
| Dyna-Gro 36RY38    | 63.2*          | 3.8               | 1                 | 44                 |
| Mycogen 5N392RR    | 63.0*          | 3.9               | 2                 | 43                 |
| NuTech-G2 7362     | 63.0*          | 3.6               | 1                 | 45                 |
| Midland 3952NR2    | 62.4*          | 3.9               | 2                 | 45                 |
| NuTech-G2 7373     | 62.4*          | 3.7               | 2                 | 47                 |
| Stine 37RC82       | 61.9*          | 3.7               | 2                 | 48                 |
| Lewis 381R2        | 61.8*          | 3.8               | 2                 | 45                 |
| Asgrow AG3730      | 61.7*          | 3.7               | 2                 | 42                 |
| Pioneer 93Y70      | 61.6*          | 3.7               | 2                 | 47                 |
| Midland 3732NR2    | 61.3*          | 3.7               | 2                 | 48                 |
| Pfister 38R25      | 60.9*          | 3.8               | 2                 | 45                 |
| NK S34-N3 Brand    | 60.8*          | 3.4               | 2                 | 46                 |
| NuTech-G2 7389     | 60.8*          | 3.8               | 1                 | 44                 |
| NK S35-T9 Brand    | 60.7*          | 3.5               | 2                 | 45                 |
| NuTech-G2 7385     | 60.4*          | 3.8               | 2                 | 42                 |
| Asgrow AG3731      | 60.3*          | 3.7               | 1                 | 40                 |
| Hoegemeyer 3789NRR | 60.3*          | 3.7               | 2                 | 48                 |
| Lewis 351R2        | 60.3*          | 3.5               | 2                 | 47                 |
| Morsoy LL 3759N    | 60.3*          | 3.7               | 2                 | 46                 |
| MorSoy RT 3807N    | 60.3*          | 3.8               | 1                 | 48                 |
| Midland 3842NRR    | 60.2*          | 3.8               | 1                 | 45                 |
| NuTech 3372L       | 60.1*          | 3.7               | 1                 | 45                 |
| Asgrow AG3830      | 59.8*          | 3.8               | 2                 | 41                 |
| Dyna-Gro 37P37     | 59.6*          | 3.7               | 2                 | 47                 |
| MPG 3911NRR        | 59.5*          | 3.9               | 2                 | 45                 |
| NuTech 7359        | 59.2*          | 3.5               | 2                 | 43                 |

# **HENRIETTA, MO (RAY COUNTY) - CENTRAL REGION SOYBEAN TEST**

| Brand/Variety              | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|----------------------------|----------------|-------------------|-------------------|--------------------|
| Mycogen 5N371R2            | 59.0*          | 3.7               | 2                 | 44                 |
| NK S39-U2 Brand            | 58.9*          | 3.9               | 2                 | 44                 |
| SS 10L.37N                 | 58.9*          | 3.7               | 2                 | 44                 |
| Kruger K2-3602             | 58.5           | 3.6               | 3                 | 46                 |
| MPG 3811R2N                | 58.2           | 3.7               | 2                 | 44                 |
| Mershman Washington 1238RR | 57.9           | 3.8               | 3                 | 45                 |
| NuTech 7388                | 57.8           | 3.8               | 3                 | 44                 |
| Hoegemeyer 3997NRR         | 57.7           | 3.9               | 2                 | 44                 |
| MPG 3912R2N                | 57.7           | 3.9               | 1                 | 47                 |
| Kruger K2-3802             | 57.6           | 3.8               | 2                 | 46                 |
| Hoblit 372LL               | 57.0           | 3.7               | 2                 | 44                 |
| Midland 3740NR2            | 57.0           | 3.8               | 1                 | 48                 |
| NuTech-G2 7390             | 56.2           | 3.9               | 2                 | 47                 |
| Patriot                    | 54.7           | 3.9               | 2                 | 44                 |
| MorSoy RT 3930N            | 52.9           | 3.9               | 2                 | 43                 |
| Lewis 392R2                | 52.8           | 3.9               | 2                 | 46                 |
| Midland 3850NR2            | 51.3           | 3.8               | 1                 | 48                 |
| NuTech 3420L               | 51.1           | 3.4               | 2                 | 48                 |
| SS 10L.39N                 | 47.7           | 3.9               | 2                 | 42                 |
| <b>GRAND MEAN</b>          | <b>60.5</b>    |                   | <b>2</b>          | <b>45</b>          |
| <b>LSD (10%)</b>           | <b>9.2</b>     |                   |                   |                    |
| <b>CV (%)</b>              | <b>11.2</b>    |                   |                   |                    |

*\*\*Highest yielding variety within a maturity group in a test.*

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

# HENRIETTA, MO (RAY COUNTY) - CENTRAL REGION SOYBEAN TEST

## MATURITY GROUP 4

| Brand/Variety             | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------------|----------------|-------------------|-------------------|--------------------|
| Kruger K2-4502            | 60.2**         | 4.5               | 2                 | 44                 |
| Kruger K2-4102            | 58.4*          | 4.1               | 2                 | 50                 |
| Kruger K2-4101            | 58.0*          | 4.1               | 2                 | 44                 |
| Dyna-Gro 39RY43           | 57.6*          | 4.3               | 2                 | 47                 |
| Mycogen 5N431R2           | 57.1*          | 4.3               | 2                 | 48                 |
| NuTech-G2 7460            | 56.7*          | 4.6               | 2                 | 61                 |
| Hoegemeyer 4120NRR        | 56.5*          | 4.1               | 2                 | 46                 |
| NuTech-G2 7442            | 55.8*          | 4.4               | 2                 | 44                 |
| Mycogen 5N451R2           | 55.7*          | 4.5               | 3                 | 48                 |
| Pfister 43R29             | 55.6*          | 4.3               | 1                 | 41                 |
| Mershman Memphis 1243RR2Y | 55.3*          | 4.3               | 2                 | 43                 |
| Lewis 412R2               | 55.2*          | 4.1               | 1                 | 44                 |
| Morsoy R2 41X11N          | 55.2*          | 4.1               | 3                 | 48                 |
| Hoegemeyer 4383NRR        | 54.9*          | 4.3               | 3                 | 57                 |
| Pioneer 94Y01             | 54.5*          | 4.0               | 3                 | 49                 |
| Morsoy R2 42X21N          | 54.4*          | 4.2               | 2                 | 47                 |
| NuTech-G2 7415SE          | 54.4*          | 4.1               | 2                 | 44                 |
| NuTech-G2 7472            | 54.0*          | 4.7               | 3                 | 47                 |
| Mycogen 5N403R2           | 53.8           | 4.0               | 2                 | 39                 |
| Asgrow AGEXPMO4.2         | 53.5           | 4.2               | 2                 | 43                 |
| SS 11L.43N                | 53.4           | 4.3               | 2                 | 49                 |
| Midland 4162NR2           | 53.2           | 4.1               | 2                 | 48                 |
| eMerge 4510S              | 52.9           | 4.5               | 2                 | 42                 |
| Kruger K2-4302            | 52.8           | 4.3               | 2                 | 47                 |
| Lewis 441R2               | 52.8           | 4.4               | 1                 | 48                 |
| NuTech-G2 7420            | 52.7           | 4.2               | 2                 | 47                 |
| MPG 4577NRR               | 52.0           | 4.5               | 3                 | 59                 |
| Kruger K2-4202            | 51.6           | 4.2               | 3                 | 46                 |
| Hoegemeyer 4191NRR        | 50.9           | 4.1               | 3                 | 50                 |
| Morsoy R2 46X71N          | 50.8           | 4.6               | 2                 | 42                 |
| Mycogen 5N412R2           | 50.8           | 4.1               | 2                 | 47                 |
| Mershman Phoenix 1245RR2Y | 49.4           | 4.5               | 3                 | 46                 |
| Kruger K2-4601            | 49.1           | 4.6               | 2                 | 49                 |
| Hoblit 412LL              | 49.0           | 4.1               | 3                 | 60                 |
| MPV 4238N                 | 48.7           | 4.2               | 2                 | 46                 |
| NuTech 7425S              | 48.3           | 4.2               | 3                 | 43                 |
| Mershman Houston 747RR    | 48.0           | 4.7               | 1                 | 43                 |
| Kruger K2-4701            | 47.2           | 4.7               | 3                 | 59                 |
| S08-15072                 | 47.2           | 4.1               | 2                 | 48                 |
| Hoegemeyer 4394NRS        | 46.9           | 4.3               | 2                 | 43                 |

# **HENRIETTA, MO (RAY COUNTY) - CENTRAL REGION SOYBEAN TEST**

| <b>Brand/Variety</b>      | <b>Yield<br/>Bu/Ac</b> | <b>Maturity<br/>group</b> | <b>Lodging<br/>1 to 5</b> | <b>Plant-Height<br/>in</b> |
|---------------------------|------------------------|---------------------------|---------------------------|----------------------------|
| Mershman Atlanta 1047RR2Y | 46.8                   | 4.7                       | 2                         | 53                         |
| Morsoy R2 47X31N          | 46.4                   | 4.7                       | 2                         | 55                         |
| MPG 4509NRR/STS           | 46.3                   | 4.5                       | 2                         | 40                         |
| Mershman Austin 1142LL    | 46.2                   | 4.2                       | 3                         | 55                         |
| Kruger K2-4201            | 46.0                   | 4.2                       | 2                         | 42                         |
| Mershman Nashville 749RR  | 46.0                   | 4.9                       | 2                         | 39                         |
| Power Plus 40V1           | 46.0                   | 4.0                       | 2                         | 43                         |
| NuTech 7478               | 45.5                   | 4.7                       | 2                         | 46                         |
| MPG 4707NRR/STS           | 45.2                   | 4.7                       | 1                         | 42                         |
| MPV-C-450N                | 45.2                   | 4.5                       | 3                         | 46                         |
| NK S46-A1 Brand           | 45.0                   | 4.6                       | 4                         | 65                         |
| Kruger K2-4801            | 44.8                   | 4.8                       | 3                         | 58                         |
| Power Plus 43D1           | 44.3                   | 4.3                       | 2                         | 50                         |
| Midland 4329NRR           | 44.1                   | 4.3                       | 3                         | 49                         |
| Stine 40RC32              | 43.7                   | 4.0                       | 2                         | 44                         |
| Mershman Tampa 1245LL     | 42.3                   | 4.5                       | 3                         | 49                         |
| Mershman Miami 949LL      | 42.1                   | 4.9                       | 2                         | 50                         |
| Mershman Tucson 1249LL    | 40.7                   | 4.9                       | 2                         | 49                         |
| NK S42-T4 Brand           | 38.9                   | 4.2                       | 2                         | 52                         |
| Mustang                   | 30.3                   | 4.2                       | 2                         | 49                         |
| Mershman Macon 1249LL     | 29.6                   | 4.9                       | 2                         | 49                         |
| <b>GRAND MEAN</b>         | <b>50.2</b>            |                           | <b>2</b>                  | <b>48</b>                  |
| <b>LSD (10%)</b>          | <b>6.2</b>             |                           |                           |                            |
| <b>CV (%)</b>             | <b>9.4</b>             |                           |                           |                            |

*\*\*Highest yielding variety within a maturity group in a test.*

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

# GRAND PASS, MO (SALINE COUNTY) - CENTRAL REGION

## MATURITY GROUP 3

| Brand/Variety              | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|----------------------------|----------------|-------------------|-------------------|--------------------|
| Stine 3923-4               | 62.6**         | 3.9               | 2                 | 46                 |
| Asgrow AG3731              | 62.1*          | 3.7               | 2                 | 42                 |
| Hoegemeyer 3789NRR         | 61.2*          | 3.7               | 2                 | 52                 |
| Mycogen 5N386R2            | 60.9*          | 3.8               | 2                 | 48                 |
| Midland 3822NR2            | 60.7*          | 3.8               | 1                 | 51                 |
| Midland 3612NR2            | 60.5*          | 3.6               | 1                 | 45                 |
| Midland 3850NR2            | 60.5*          | 3.8               | 2                 | 45                 |
| Kruger K2-3602             | 60.4*          | 3.6               | 2                 | 43                 |
| MorSoy RT 3930N            | 60.4*          | 3.9               | 2                 | 44                 |
| Midland 3952NR2            | 60.3*          | 3.9               | 2                 | 48                 |
| Pioneer 93Y70              | 60.2*          | 3.7               | 2                 | 46                 |
| Kruger K2-3902             | 59.5*          | 3.9               | 2                 | 48                 |
| NuTech-G2 7372             | 59.5*          | 3.7               | 2                 | 52                 |
| NuTech 7388                | 59.1*          | 3.8               | 2                 | 41                 |
| Power Plus 37T1            | 59.0*          | 3.7               | 2                 | 41                 |
| Midland 3842NRR            | 58.8*          | 3.8               | 2                 | 43                 |
| Dyna-Gro 36RY38            | 58.7*          | 3.8               | 2                 | 44                 |
| Mershman Washington 1238RR | 58.6*          | 3.8               | 1                 | 39                 |
| NuTech-G2 7373             | 58.6*          | 3.7               | 2                 | 45                 |
| Morsoy R2 38X31N           | 58.5*          | 3.8               | 2                 | 43                 |
| Lewis 381R2                | 58.3*          | 3.8               | 2                 | 45                 |
| Power Plus 38D2            | 58.2*          | 3.8               | 2                 | 43                 |
| NuTech-G2 7389             | 58.1*          | 3.8               | 1                 | 44                 |
| MPG 3911NRR                | 58.0*          | 3.9               | 1                 | 43                 |
| Lewis 351R2                | 57.9*          | 3.5               | 1                 | 39                 |
| Asgrow AG3730              | 57.6*          | 3.7               | 1                 | 42                 |
| NK S35-T9 Brand            | 57.4*          | 3.5               | 2                 | 45                 |
| NuTech 3372L               | 57.4*          | 3.7               | 3                 | 51                 |
| Stine 37RC82               | 57.4*          | 3.7               | 2                 | 42                 |
| Asgrow AG3830              | 57.2*          | 3.8               | 2                 | 42                 |
| Dyna-Gro 32RY39            | 57.2*          | 3.9               | 1                 | 48                 |
| Mycogen 5N385R2            | 56.9*          | 3.8               | 2                 | 45                 |
| NuTech-G2 7385             | 56.8*          | 3.8               | 2                 | 48                 |
| NuTech-G2 7362             | 56.6           | 3.6               | 2                 | 45                 |
| SS 10L.37N                 | 56.5           | 3.7               | 3                 | 43                 |
| Kruger K2-3701             | 56.4           | 3.7               | 2                 | 46                 |
| Morsoy R2 39X01N           | 56.4           | 3.9               | 2                 | 46                 |
| NK S34-N3 Brand            | 56.2           | 3.4               | 1                 | 47                 |
| NuTech 7359                | 56.2           | 3.5               | 2                 | 40                 |
| MPG 3912R2N                | 56.1           | 3.9               | 2                 | 46                 |

**GRAND PASS, MO (SALINE COUNTY) - CENTRAL REGION SOYBEAN TEST**

| <b>Brand/Variety</b> | <b>Yield<br/>Bu/Ac</b> | <b>Maturity<br/>group</b> | <b>Lodging<br/>1 to 5</b> | <b>Plant-Height<br/>in</b> |
|----------------------|------------------------|---------------------------|---------------------------|----------------------------|
| MorSoy RT 3807N      | 56.0                   | 3.8                       | 1                         | 49                         |
| NuTech-G2 7390       | 55.7                   | 3.9                       | 1                         | 36                         |
| Dyna-Gro 37P37       | 55.4                   | 3.7                       | 2                         | 47                         |
| NK S39-U2 Brand      | 55.1                   | 3.9                       | 2                         | 40                         |
| MPG 3811R2N          | 54.5                   | 3.7                       | 2                         | 47                         |
| Mycogen 5N392RR      | 54.3                   | 3.9                       | 1                         | 39                         |
| Mycogen 5N371R2      | 54.1                   | 3.7                       | 3                         | 38                         |
| Pfister 38R25        | 53.9                   | 3.8                       | 1                         | 40                         |
| Hoblit 372LL         | 53.6                   | 3.7                       | 2                         | 41                         |
| Midland 3740NR2      | 53.6                   | 3.8                       | 2                         | 43                         |
| Lewis 392R2          | 53.4                   | 3.9                       | 2                         | 43                         |
| Hoegemeyer 3997NRR   | 53.1                   | 3.9                       | 2                         | 43                         |
| Midland 3732NR2      | 52.7                   | 3.7                       | 3                         | 43                         |
| Morsoy LL 3759N      | 52.0                   | 3.7                       | 3                         | 51                         |
| Morsoy R2 37X70N     | 52.0                   | 3.7                       | 3                         | 48                         |
| Kruger K2-3802       | 51.6                   | 3.8                       | 2                         | 48                         |
| Patriot              | 49.9                   | 3.9                       | 2                         | 48                         |
| SS 10L.39N           | 49.2                   | 3.9                       | 2                         | 44                         |
| NuTech 3420L         | 48.5                   | 3.4                       | 2                         | 49                         |
| <b>GRAND MEAN</b>    | <b>56.6</b>            |                           | <b>2</b>                  | <b>45</b>                  |
| <b>LSD (10%)</b>     | <b>5.8</b>             |                           |                           |                            |
| <b>CV (%)</b>        | <b>7.6</b>             |                           |                           |                            |

*\*\*Highest yielding variety within a maturity group in a test.*

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

**GRAND PASS, MO (SALINE COUNTY) - CENTRAL REGION SOYBEAN TEST**
**MATURITY GROUP 4**

| Brand/Variety             | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------------|----------------|-------------------|-------------------|--------------------|
| Kruger K2-4502            | 59.4**         | 4.5               | 2                 | 48                 |
| Mycogen 5N431R2           | 57.8*          | 4.3               | 1                 | 42                 |
| NuTech-G2 7472            | 57.1*          | 4.7               | 2                 | 51                 |
| Lewis 441R2               | 56.9*          | 4.4               | 1                 | 46                 |
| Asgrow AGEXPMO4.2         | 56.7*          | 4.2               | 2                 | 49                 |
| Pfister 43R29             | 56.3*          | 4.3               | 1                 | 45                 |
| Morsoy R2 47X31N          | 56.1*          | 4.7               | 2                 | 50                 |
| Lewis 412R2               | 55.5*          | 4.1               | 1                 | 47                 |
| Mershman Houston 747RR    | 55.0*          | 4.7               | 1                 | 41                 |
| Mycogen 5N403R2           | 54.7*          | 4.0               | 1                 | 42                 |
| NuTech-G2 7415SE          | 54.5*          | 4.1               | 1                 | 44                 |
| Morsoy R2 41X11N          | 54.3*          | 4.1               | 2                 | 47                 |
| NuTech-G2 7442            | 54.3*          | 4.4               | 1                 | 41                 |
| MPG 4509NRR/STS           | 54.1*          | 4.5               | 1                 | 41                 |
| Morsoy R2 42X21N          | 53.9           | 4.2               | 2                 | 53                 |
| Kruger K2-4601            | 53.7           | 4.6               | 1                 | 42                 |
| Midland 4162NR2           | 53.6           | 4.1               | 1                 | 45                 |
| Mycogen 5N451R2           | 53.1           | 4.5               | 1                 | 48                 |
| Power Plus 43D1           | 53.0           | 4.3               | 2                 | 36                 |
| Kruger K2-4202            | 52.7           | 4.2               | 1                 | 50                 |
| Mershman Memphis 1243RR2Y | 52.7           | 4.3               | 2                 | 43                 |
| Pioneer 94Y01             | 52.7           | 4.0               | 2                 | 51                 |
| Hoegemeyer 4383NRR        | 52.4           | 4.3               | 2                 | 56                 |
| Mershman Nashville 749RR  | 52.1           | 4.9               | 1                 | 44                 |
| Dyna-Gro 39RY43           | 51.8           | 4.3               | 1                 | 42                 |
| Morsoy R2 46X71N          | 51.8           | 4.6               | 2                 | 47                 |
| NuTech-G2 7460            | 51.8           | 4.6               | 2                 | 55                 |
| Power Plus 40V1           | 51.8           | 4.0               | 1                 | 48                 |
| Hoegemeyer 4394NRS        | 51.5           | 4.3               | 1                 | 42                 |
| Kruger K2-4302            | 51.5           | 4.3               | 1                 | 46                 |
| Mershman Atlanta 1047RR2Y | 51.0           | 4.7               | 2                 | 41                 |
| Kruger K2-4801            | 50.9           | 4.8               | 1                 | 57                 |
| Kruger K2-4101            | 50.7           | 4.1               | 1                 | 47                 |
| Hoegemeyer 4120NRR        | 50.4           | 4.1               | 2                 | 48                 |
| Kruger K2-4701            | 50.2           | 4.7               | 2                 | 48                 |
| NuTech-G2 7420            | 49.9           | 4.2               | 2                 | 49                 |
| Kruger K2-4102            | 49.8           | 4.1               | 1                 | 40                 |
| NuTech 7478               | 49.8           | 4.7               | 1                 | 42                 |
| MPG 4577NRR               | 49.5           | 4.5               | 1                 | 46                 |
| Kruger K2-4201            | 49.1           | 4.2               | 1                 | 50                 |

**GRAND PASS, MO (SALINE COUNTY) - CENTRAL REGION SOYBEAN TEST**

| Brand/Variety             | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------------|----------------|-------------------|-------------------|--------------------|
| Mycogen 5N412R2           | 48.9           | 4.1               | 3                 | 58                 |
| S08-15072                 | 48.8           | 4.1               | 3                 | 43                 |
| Hoblit 412LL              | 48.4           | 4.1               | 1                 | 46                 |
| NK S46-A1 Brand           | 48.4           | 4.6               | 1                 | 45                 |
| Midland 4329NRR           | 48.0           | 4.3               | 2                 | 46                 |
| NuTech 7425S              | 48.0           | 4.2               | 1                 | 40                 |
| Hoegemeyer 4191NRR        | 47.8           | 4.1               | 2                 | 40                 |
| Stine 40RC32              | 47.5           | 4.0               | 1                 | 48                 |
| MPV 4238N                 | 46.9           | 4.2               | 1                 | 43                 |
| NK S42-T4 Brand           | 46.6           | 4.2               | 2                 | 51                 |
| MPG 4707NRR/STS           | 45.6           | 4.7               | 1                 | 43                 |
| SS 11L.43N                | 45.3           | 4.3               | 2                 | 47                 |
| Mershman Miami 949LL      | 45.1           | 4.9               | 1                 | 47                 |
| Mershman Austin 1142LL    | 44.9           | 4.2               | 2                 | 47                 |
| MPV-C-450N                | 43.9           | 4.5               | 3                 | 47                 |
| Mershman Tampa 1245LL     | 43.1           | 4.5               | 2                 | 47                 |
| Mershman Phoenix 1245RR2Y | 43.0           | 4.5               | 2                 | 46                 |
| Mershman Macon 1249LL     | 42.5           | 4.9               | 2                 | 49                 |
| eMerge 4510S              | 42.3           | 4.5               | 1                 | 42                 |
| Mershman Tucson 1249LL    | 39.8           | 4.9               | 1                 | 51                 |
| Mustang                   | 38.8           | 4.2               | 2                 | 47                 |
| <b>GRAND MEAN</b>         | <b>50.6</b>    |                   | <b>2</b>          | <b>46</b>          |
| <b>LSD (10%)</b>          | <b>5.4</b>     |                   |                   |                    |
| <b>CV (%)</b>             | <b>8.4</b>     |                   |                   |                    |

**\*\*Highest yielding variety within a maturity group in a test.**

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

# COLUMBIA, MO (BOONE COUNTY) - CENTRAL REGION

## MATURITY GROUP 3

| Brand/Variety      | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|--------------------|----------------|-------------------|-------------------|--------------------|
| Mycogen 5N385R2    | 48.9**         | 3.8               | 1                 | 27                 |
| MorSoy RT 3807N    | 47.5*          | 3.8               | 1                 | 36                 |
| NuTech-G2 7390     | 46.9*          | 3.9               | 1                 | 25                 |
| Kruger K2-3802     | 46.7*          | 3.8               | 1                 | 32                 |
| Morsoy LL 3759N    | 46.7*          | 3.7               | 1                 | 28                 |
| MPG 3912R2N        | 46.2*          | 3.9               | 1                 | 29                 |
| Mycogen 5N371R2    | 46.1*          | 3.7               | 1                 | 26                 |
| Mycogen 5N392RR    | 45.6*          | 3.9               | 1                 | 21                 |
| Dyna-Gro 36RY38    | 45.4*          | 3.8               | 1                 | 28                 |
| Hoegemeyer 3997NRR | 45.3*          | 3.9               | 1                 | 30                 |
| Midland 3952NR2    | 45.0*          | 3.9               | 1                 | 28                 |
| Pfister 38R25      | 45.0*          | 3.8               | 1                 | 25                 |
| MorSoy RT 3930N    | 44.8*          | 3.9               | 1                 | 24                 |
| Morsoy R2 39X01N   | 44.6*          | 3.9               | 1                 | 29                 |
| NuTech 3372L       | 44.6*          | 3.7               | 1                 | 30                 |
| Midland 3732NR2    | 44.4*          | 3.7               | 1                 | 28                 |
| NuTech-G2 7373     | 44.3*          | 3.7               | 1                 | 27                 |
| Kruger K2-3602     | 44.2*          | 3.6               | 1                 | 30                 |
| NuTech-G2 7372     | 44.0           | 3.7               | 1                 | 29                 |
| Power Plus 37T1    | 44.0           | 3.7               | 1                 | 24                 |
| SS 10L.37N         | 44.0           | 3.7               | 1                 | 30                 |
| NK S39-U2 Brand    | 43.7           | 3.9               | 1                 | 24                 |
| NuTech-G2 7362     | 43.6           | 3.6               | 1                 | 27                 |
| MPG 3811R2N        | 43.5           | 3.7               | 1                 | 25                 |
| NK S35-T9 Brand    | 43.4           | 3.5               | 1                 | 27                 |
| Lewis 351R2        | 43.3           | 3.5               | 1                 | 24                 |
| Midland 3740NR2    | 43.2           | 3.8               | 1                 | 25                 |
| Asgrow AG3731      | 43.1           | 3.7               | 1                 | 25                 |
| Midland 3822NR2    | 43.1           | 3.8               | 1                 | 27                 |
| NuTech-G2 7385     | 43.0           | 3.8               | 1                 | 32                 |
| Midland 3842NRR    | 42.9           | 3.8               | 1                 | 30                 |
| Morsoy R2 38X31N   | 42.7           | 3.8               | 1                 | 25                 |
| MPG 3911NRR        | 42.6           | 3.9               | 1                 | 27                 |
| Kruger K2-3701     | 42.4           | 3.7               | 1                 | 25                 |
| Pioneer 93Y70      | 42.4           | 3.7               | 1                 | 25                 |
| Midland 3850NR2    | 42.3           | 3.8               | 1                 | 28                 |
| Hoblit 372LL       | 42.1           | 3.7               | 1                 | 29                 |
| Stine 37RC82       | 41.9           | 3.7               | 1                 | 23                 |
| Hoegemeyer 3789NRR | 41.8           | 3.7               | 1                 | 32                 |
| Lewis 381R2        | 41.8           | 3.8               | 1                 | 29                 |

**COLUMBIA, MO (BOONE COUNTY) - CENTRAL REGION SOYBEAN TEST**

| Brand/Variety              | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|----------------------------|----------------|-------------------|-------------------|--------------------|
| Mycogen 5N386R2            | 41.8           | 3.8               | 1                 | 25                 |
| Morsoy R2 37X70N           | 41.7           | 3.7               | 1                 | 23                 |
| Dyna-Gro 32RY39            | 41.2           | 3.9               | 1                 | 22                 |
| Dyna-Gro 37P37             | 40.7           | 3.7               | 1                 | 29                 |
| NuTech-G2 7389             | 40.6           | 3.8               | 1                 | 28                 |
| NuTech 7359                | 40.3           | 3.5               | 1                 | 25                 |
| NuTech 3420L               | 40.2           | 3.4               | 1                 | 30                 |
| NuTech 7388                | 40.2           | 3.8               | 1                 | 29                 |
| Asgrow AG3730              | 40.0           | 3.7               | 1                 | 23                 |
| Patriot                    | 40.0           | 3.9               | 1                 | 31                 |
| Lewis 392R2                | 39.7           | 3.9               | 1                 | 24                 |
| Mershman Washington 1238RR | 39.6           | 3.8               | 1                 | 25                 |
| Midland 3612NR2            | 39.6           | 3.6               | 1                 | 21                 |
| Power Plus 38D2            | 38.8           | 3.8               | 1                 | 28                 |
| NK S34-N3 Brand            | 38.3           | 3.4               | 1                 | 22                 |
| Stine 3923-4               | 38.2           | 3.9               | 1                 | 27                 |
| Kruger K2-3902             | 37.3           | 3.9               | 1                 | 30                 |
| Asgrow AG3830              | 37.0           | 3.8               | 1                 | 27                 |
| SS 10L.39N                 | 36.5           | 3.9               | 1                 | 26                 |
| <b>GRAND MEAN</b>          | <b>42.6</b>    |                   | <b>1</b>          | <b>27</b>          |
| <b>LSD (10%)</b>           | <b>4.7</b>     |                   |                   |                    |
| <b>CV (%)</b>              | <b>8.2</b>     |                   |                   |                    |

*\*\*Highest yielding variety within a maturity group in a test.*

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

**COLUMBIA, MO (BOONE COUNTY) - CENTRAL REGION SOYBEAN TEST**
**MATURITY GROUP 4**

| Brand/Variety             | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------------|----------------|-------------------|-------------------|--------------------|
| Pfister 43R29             | 51.7**         | 4.3               | 1                 | 28                 |
| Mycogen 5N431R2           | 50.3*          | 4.3               | 1                 | 29                 |
| Dyna-Gro 39RY43           | 48.7*          | 4.3               | 1                 | 28                 |
| NuTech-G2 7472            | 48.0*          | 4.7               | 1                 | 35                 |
| Lewis 412R2               | 47.7*          | 4.1               | 1                 | 30                 |
| Asgrow AGEXPM04.2         | 47.4           | 4.2               | 1                 | 30                 |
| Morsoy R2 42X21N          | 47.1           | 4.2               | 1                 | 29                 |
| Mycogen 5N412R2           | 47.1           | 4.1               | 1                 | 34                 |
| NuTech-G2 7420            | 46.2           | 4.2               | 1                 | 28                 |
| Mershman Tucson 1249LL    | 46.1           | 4.9               | 1                 | 32                 |
| Mershman Phoenix 1245RR2Y | 46.0           | 4.5               | 1                 | 28                 |
| Mershman Memphis 1243RR2Y | 45.9           | 4.3               | 1                 | 30                 |
| Hoegemeyer 4120NRR        | 45.8           | 4.1               | 1                 | 34                 |
| Morsoy R2 41X11N          | 45.8           | 4.1               | 1                 | 33                 |
| Mershman Nashville 749RR  | 45.4           | 4.9               | 1                 | 30                 |
| NuTech 7425S              | 45.2           | 4.2               | 1                 | 30                 |
| Kruger K2-4102            | 44.9           | 4.1               | 1                 | 28                 |
| Lewis 441R2               | 44.9           | 4.4               | 1                 | 23                 |
| Mycogen 5N451R2           | 44.8           | 4.5               | 1                 | 34                 |
| NuTech-G2 7460            | 44.8           | 4.6               | 1                 | 33                 |
| Kruger K2-4502            | 44.7           | 4.5               | 1                 | 31                 |
| Morsoy R2 47X31N          | 44.4           | 4.7               | 1                 | 33                 |
| Kruger K2-4601            | 44.1           | 4.6               | 1                 | 30                 |
| NK S42-T4 Brand           | 44.0           | 4.2               | 1                 | 32                 |
| Morsoy R2 46X71N          | 43.9           | 4.6               | 1                 | 29                 |
| Mershman Austin 1142LL    | 43.8           | 4.2               | 1                 | 31                 |
| NuTech-G2 7415SE          | 43.2           | 4.1               | 1                 | 26                 |
| Midland 4329NRR           | 43.1           | 4.3               | 1                 | 29                 |
| Mershman Houston 747RR    | 43.0           | 4.7               | 1                 | 26                 |
| NuTech-G2 7442            | 43.0           | 4.4               | 1                 | 27                 |
| Pioneer 94Y01             | 43.0           | 4.0               | 1                 | 29                 |
| Hoegemeyer 4394NRS        | 42.9           | 4.3               | 1                 | 26                 |
| Kruger K2-4701            | 42.9           | 4.7               | 1                 | 25                 |
| Midland 4162NR2           | 42.7           | 4.1               | 1                 | 26                 |
| SS 11L.43N                | 42.7           | 4.3               | 1                 | 32                 |
| MPG 4577NRR               | 42.6           | 4.5               | 1                 | 30                 |
| Kruger K2-4302            | 42.5           | 4.3               | 1                 | 25                 |
| NK S46-A1 Brand           | 42.5           | 4.6               | 1                 | 30                 |
| Kruger K2-4202            | 42.3           | 4.2               | 1                 | 31                 |
| MPV-C-450N                | 42.1           | 4.5               | 1                 | 33                 |

**COLUMBIA, MO (BOONE COUNTY) - CENTRAL REGION SOYBEAN TEST**

| <b>Brand/Variety</b>      | <b>Yield<br/>Bu/Ac</b> | <b>Maturity<br/>group</b> | <b>Lodging<br/>1 to 5</b> | <b>Plant-Height<br/>in</b> |
|---------------------------|------------------------|---------------------------|---------------------------|----------------------------|
| Hoblit 412LL              | 42.0                   | 4.1                       | 1                         | 30                         |
| Mershman Macon 1249LL     | 42.0                   | 4.9                       | 1                         | 29                         |
| Mershman Tampa 1245LL     | 41.5                   | 4.5                       | 1                         | 32                         |
| NuTech 7478               | 41.4                   | 4.7                       | 1                         | 26                         |
| Stine 40RC32              | 41.4                   | 4.0                       | 1                         | 30                         |
| eMerge 4510S              | 41.1                   | 4.5                       | 1                         | 27                         |
| Mershman Atlanta 1047RR2Y | 41.0                   | 4.7                       | 1                         | 25                         |
| MPG 4707NRR/STS           | 40.9                   | 4.7                       | 1                         | 25                         |
| Mycogen 5N403R2           | 40.9                   | 4.0                       | 1                         | 24                         |
| Power Plus 40V1           | 40.9                   | 4.0                       | 1                         | 25                         |
| Kruger K2-4101            | 40.5                   | 4.1                       | 1                         | 28                         |
| MPV 4238N                 | 40.5                   | 4.2                       | 1                         | 29                         |
| S08-15072                 | 39.8                   | 4.1                       | 1                         | 31                         |
| Kruger K2-4801            | 39.6                   | 4.8                       | 1                         | 33                         |
| Kruger K2-4201            | 39.5                   | 4.2                       | 1                         | 31                         |
| Hoegemeyer 4383NRR        | 39.2                   | 4.3                       | 1                         | 34                         |
| Hoegemeyer 4191NRR        | 38.9                   | 4.1                       | 1                         | 25                         |
| Mustang                   | 38.6                   | 4.2                       | 1                         | 35                         |
| Power Plus 43D1           | 38.4                   | 4.3                       | 1                         | 27                         |
| Mershman Miami 949LL      | 37.9                   | 4.9                       | 1                         | 30                         |
| MPG 4509NRR/STS           | 36.2                   | 4.5                       | 1                         | 28                         |
| <b>GRAND MEAN</b>         | <b>43.3</b>            |                           | <b>1</b>                  | <b>29</b>                  |
| <b>LSD (10%)</b>          | <b>4.2</b>             |                           |                           |                            |
| <b>CV (%)</b>             | <b>7.7</b>             |                           |                           |                            |

*\*\*Highest yielding variety within a maturity group in a test.*

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

# TRUXTON, MO (MONTGOMERY COUNTY) - CENTRAL REGION

## MATURITY GROUP 3

| Brand/Variety              | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|----------------------------|----------------|-------------------|-------------------|--------------------|
| Mycogen 5N385R2            | 56.7**         | 3.8               | 1                 | 34                 |
| NuTech-G2 7372             | 53.8*          | 3.7               | 1                 | 37                 |
| Pioneer 93Y70              | 52.9*          | 3.7               | 1                 | 35                 |
| NuTech-G2 7390             | 52.6*          | 3.9               | 1                 | 34                 |
| Power Plus 37T1            | 52.5*          | 3.7               | 1                 | 35                 |
| Pfister 38R25              | 52.1           | 3.8               | 1                 | 36                 |
| Power Plus 38D2            | 51.9           | 3.8               | 1                 | 34                 |
| NK S34-N3 Brand            | 51.6           | 3.4               | 1                 | 35                 |
| Hoegemeyer 3997NRR         | 51.4           | 3.9               | 1                 | 33                 |
| MorSoy RT 3930N            | 51.2           | 3.9               | 1                 | 35                 |
| Mycogen 5N392RR            | 51.2           | 3.9               | 1                 | 33                 |
| Lewis 381R2                | 50.7           | 3.8               | 1                 | 34                 |
| Kruger K2-3802             | 50.5           | 3.8               | 1                 | 34                 |
| Mycogen 5N386R2            | 50.5           | 3.8               | 1                 | 35                 |
| Lewis 392R2                | 50.4           | 3.9               | 1                 | 33                 |
| Asgrow AG3731              | 50.3           | 3.7               | 1                 | 33                 |
| MorSoy RT 3807N            | 49.8           | 3.8               | 1                 | 34                 |
| Morsoy LL 3759N            | 49.6           | 3.7               | 1                 | 36                 |
| Morsoy R2 39X01N           | 49.3           | 3.9               | 1                 | 32                 |
| NuTech 3420L               | 48.9           | 3.4               | 1                 | 37                 |
| Kruger K2-3902             | 48.8           | 3.9               | 1                 | 35                 |
| Stine 3923-4               | 48.8           | 3.9               | 1                 | 34                 |
| NuTech-G2 7373             | 48.7           | 3.7               | 1                 | 36                 |
| NuTech-G2 7385             | 48.7           | 3.8               | 1                 | 35                 |
| Dyna-Gro 32RY39            | 48.6           | 3.9               | 1                 | 34                 |
| Midland 3842NRR            | 48.6           | 3.8               | 1                 | 35                 |
| Stine 37RC82               | 48.6           | 3.7               | 1                 | 34                 |
| Kruger K2-3701             | 48.5           | 3.7               | 1                 | 31                 |
| Mershman Washington 1238RR | 48.4           | 3.8               | 1                 | 34                 |
| MPG 3811R2N                | 48.4           | 3.7               | 1                 | 34                 |
| Asgrow AG3830              | 48.2           | 3.8               | 1                 | 35                 |
| Midland 3732NR2            | 48.0           | 3.7               | 1                 | 34                 |
| Kruger K2-3602             | 47.8           | 3.6               | 1                 | 34                 |
| Dyna-Gro 36RY38            | 47.7           | 3.8               | 1                 | 34                 |
| MPG 3912R2N                | 47.5           | 3.9               | 1                 | 35                 |
| SS 10L.37N                 | 47.4           | 3.7               | 1                 | 36                 |
| Midland 3612NR2            | 47.3           | 3.6               | 1                 | 35                 |
| Hoblit 372LL               | 47.2           | 3.7               | 1                 | 34                 |
| Midland 3952NR2            | 47.2           | 3.9               | 1                 | 35                 |
| Morsoy R2 38X31N           | 47.2           | 3.8               | 1                 | 35                 |

**TRUXTON, MO (MONTGOMERY COUNTY) - CENTRAL REGION SOYBEAN TEST**

| Brand/Variety      | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|--------------------|----------------|-------------------|-------------------|--------------------|
| MPG 3911NRR        | 46.8           | 3.9               | 1                 | 35                 |
| Morsoy R2 37X70N   | 46.5           | 3.7               | 1                 | 34                 |
| NuTech 3372L       | 46.3           | 3.7               | 1                 | 34                 |
| Dyna-Gro 37P37     | 46.1           | 3.7               | 1                 | 36                 |
| Lewis 351R2        | 45.8           | 3.5               | 1                 | 35                 |
| NuTech 7388        | 45.6           | 3.8               | 1                 | 34                 |
| Mycogen 5N371R2    | 45.4           | 3.7               | 1                 | 33                 |
| NK S35-T9 Brand    | 45.4           | 3.5               | 1                 | 33                 |
| NuTech-G2 7362     | 45.4           | 3.6               | 1                 | 33                 |
| Midland 3822NR2    | 45.2           | 3.8               | 1                 | 36                 |
| NK S39-U2 Brand    | 45.0           | 3.9               | 1                 | 36                 |
| Midland 3850NR2    | 44.9           | 3.8               | 1                 | 35                 |
| Midland 3740NR2    | 44.8           | 3.8               | 1                 | 34                 |
| NuTech-G2 7389     | 44.5           | 3.8               | 1                 | 35                 |
| SS 10L.39N         | 44.1           | 3.9               | 1                 | 34                 |
| Patriot            | 43.9           | 3.9               | 1                 | 36                 |
| Asgrow AG3730      | 43.2           | 3.7               | 1                 | 30                 |
| Hoegemeyer 3789NRR | 43.1           | 3.7               | 1                 | 34                 |
| NuTech 7359        | 42.0           | 3.5               | 1                 | 34                 |
| <b>GRAND MEAN</b>  | <b>48.3</b>    |                   | <b>1</b>          | <b>34</b>          |
| <b>LSD (10%)</b>   | <b>4.1</b>     |                   |                   |                    |
| <b>CV (%)</b>      | <b>6.3</b>     |                   |                   |                    |

*\*\*Highest yielding variety within a maturity group in a test.*

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

**TRUXTON, MO (MONTGOMERY COUNTY) - CENTRAL REGION SOYBEAN TEST**
**MATURITY GROUP 4**

| Brand/Variety             | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------------|----------------|-------------------|-------------------|--------------------|
| Mershman Memphis 1243RR2Y | 60.9**         | 4.3               | 1                 | 33                 |
| Morsoy R2 41X11N          | 59.9*          | 4.1               | 1                 | 38                 |
| Morsoy R2 42X21N          | 58.1*          | 4.2               | 1                 | 35                 |
| Mycogen 5N451R2           | 57.9*          | 4.5               | 1                 | 37                 |
| Pfister 43R29             | 57.6*          | 4.3               | 1                 | 32                 |
| Mershman Atlanta 1047RR2Y | 57.4*          | 4.7               | 1                 | 34                 |
| Mycogen 5N431R2           | 57.1*          | 4.3               | 1                 | 32                 |
| Mycogen 5N412R2           | 56.8*          | 4.1               | 1                 | 36                 |
| Kruger K2-4502            | 56.5*          | 4.5               | 1                 | 35                 |
| Lewis 412R2               | 56.3*          | 4.1               | 1                 | 34                 |
| Mershman Phoenix 1245RR2Y | 56.3*          | 4.5               | 1                 | 35                 |
| Morsoy R2 47X31N          | 56.2*          | 4.7               | 1                 | 37                 |
| Hoegemeyer 4120NRR        | 56.1*          | 4.1               | 1                 | 34                 |
| Midland 4329NRR           | 55.9           | 4.3               | 1                 | 37                 |
| Asgrow AGEXPMO4.2         | 55.8           | 4.2               | 1                 | 34                 |
| Morsoy R2 46X71N          | 55.4           | 4.6               | 1                 | 36                 |
| NuTech-G2 7420            | 55.4           | 4.2               | 1                 | 36                 |
| NuTech 7425S              | 55.1           | 4.2               | 1                 | 33                 |
| NuTech-G2 7460            | 54.9           | 4.6               | 1                 | 38                 |
| Kruger K2-4102            | 54.6           | 4.1               | 1                 | 34                 |
| Mershman Austin 1142LL    | 54.5           | 4.2               | 1                 | 36                 |
| Dyna-Gro 39RY43           | 54.4           | 4.3               | 1                 | 33                 |
| Mershman Nashville 749RR  | 54.3           | 4.9               | 1                 | 32                 |
| NuTech-G2 7472            | 53.9           | 4.7               | 1                 | 36                 |
| Power Plus 40V1           | 53.7           | 4.0               | 1                 | 36                 |
| Power Plus 43D1           | 53.7           | 4.3               | 1                 | 34                 |
| Kruger K2-4601            | 53.6           | 4.6               | 1                 | 32                 |
| NuTech 7478               | 53.5           | 4.7               | 1                 | 30                 |
| Hoegemeyer 4394NRS        | 53.3           | 4.3               | 1                 | 33                 |
| NK S46-A1 Brand           | 52.6           | 4.6               | 1                 | 35                 |
| NuTech-G2 7442            | 52.4           | 4.4               | 1                 | 35                 |
| Mershman Tampa 1245LL     | 52.3           | 4.5               | 1                 | 36                 |
| Kruger K2-4701            | 52.0           | 4.7               | 1                 | 33                 |
| Hoegemeyer 4191NRR        | 51.9           | 4.1               | 1                 | 33                 |
| Kruger K2-4101            | 51.6           | 4.1               | 1                 | 34                 |
| eMerge 4510S              | 51.5           | 4.5               | 1                 | 30                 |
| Kruger K2-4801            | 51.5           | 4.8               | 1                 | 35                 |
| Kruger K2-4302            | 51.3           | 4.3               | 1                 | 35                 |
| MPV 4238N                 | 51.0           | 4.2               | 1                 | 35                 |
| MPG 4509NRR/STS           | 50.9           | 4.5               | 1                 | 30                 |

**TRUXTON, MO (MONTGOMERY COUNTY) - CENTRAL REGION SOYBEAN TEST**

| <b>Brand/Variety</b>   | <b>Yield<br/>Bu/Ac</b> | <b>Maturity<br/>group</b> | <b>Lodging<br/>1 to 5</b> | <b>Plant-Height<br/>in</b> |
|------------------------|------------------------|---------------------------|---------------------------|----------------------------|
| Pioneer 94Y01          | 50.5                   | 4.0                       | 1                         | 36                         |
| SS 11L43N              | 50.4                   | 4.3                       | 1                         | 36                         |
| Kruger K2-4202         | 50.0                   | 4.2                       | 1                         | 35                         |
| S08-15072              | 49.9                   | 4.1                       | 1                         | 33                         |
| MPG 4707NRR/STS        | 49.7                   | 4.7                       | 1                         | 33                         |
| Lewis 441R2            | 49.6                   | 4.4                       | 1                         | 31                         |
| Mershman Houston 747RR | 48.7                   | 4.7                       | 1                         | 31                         |
| Hoblitt 412LL          | 48.3                   | 4.1                       | 1                         | 34                         |
| MPV-C-450N             | 47.8                   | 4.5                       | 1                         | 33                         |
| NK S42-T4 Brand        | 47.7                   | 4.2                       | 1                         | 36                         |
| Hoegemeyer 4383NRR     | 47.6                   | 4.3                       | 1                         | 38                         |
| NuTech-G2 7415SE       | 47.6                   | 4.1                       | 1                         | 32                         |
| Stine 40RC32           | 47.6                   | 4.0                       | 1                         | 33                         |
| MPG 4577NRR            | 47.5                   | 4.5                       | 1                         | 35                         |
| Midland 4162NR2        | 47.3                   | 4.1                       | 1                         | 33                         |
| Kruger K2-4201         | 45.3                   | 4.2                       | 1                         | 36                         |
| Mycogen 5N403R2        | 45.0                   | 4.0                       | 1                         | 31                         |
| Mustang                | 42.5                   | 4.2                       | 1                         | 36                         |
| <b>GRAND MEAN</b>      | <b>53.0</b>            |                           | <b>1</b>                  | <b>34</b>                  |
| <b>LSD (10%)</b>       | <b>4.9</b>             |                           |                           |                            |
| <b>CV (%)</b>          | <b>7.2</b>             |                           |                           |                            |

*\*\*Highest yielding variety within a maturity group in a test.*

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

## ANNADA, MO (PIKE COUNTY) - CENTRAL REGION

### MATURITY GROUP 3

| Brand/Variety      | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|--------------------|----------------|-------------------|-------------------|--------------------|
| Kruger K2-3602     | 66.4**         | 3.6               | 1                 | 45                 |
| NuTech-G2 7372     | 63.1*          | 3.7               | 1                 | 48                 |
| Dyna-Gro 37P37     | 62.6*          | 3.7               | 1                 | 39                 |
| MorSoy RT 3807N    | 62.5*          | 3.8               | 1                 | 41                 |
| Asgrow AG3830      | 61.6*          | 3.8               | 1                 | 48                 |
| MPG 3912R2N        | 61.4*          | 3.9               | 1                 | 42                 |
| Mycogen 5N385R2    | 61.4*          | 3.8               | 1                 | 35                 |
| Asgrow AG3731      | 61.0*          | 3.7               | 1                 | 43                 |
| Hoegemeyer 3789NRR | 61.0*          | 3.7               | 1                 | 42                 |
| NuTech-G2 7373     | 60.8*          | 3.7               | 2                 | 45                 |
| NK S34-N3 Brand    | 60.1*          | 3.4               | 1                 | 42                 |
| Stine 37RC82       | 60.0*          | 3.7               | 1                 | 42                 |
| Mycogen 5N392RR    | 59.6*          | 3.9               | 1                 | 35                 |
| NuTech 3372L       | 59.5*          | 3.7               | 1                 | 36                 |
| Midland 3732NR2    | 59.4           | 3.7               | 1                 | 45                 |
| Lewis 392R2        | 59.3           | 3.9               | 1                 | 43                 |
| Midland 3740NR2    | 59.2           | 3.8               | 1                 | 47                 |
| Dyna-Gro 32RY39    | 58.4           | 3.9               | 1                 | 44                 |
| Dyna-Gro 36RY38    | 58.2           | 3.8               | 1                 | 36                 |
| NuTech-G2 7389     | 58.2           | 3.8               | 1                 | 46                 |
| Midland 3850NR2    | 57.9           | 3.8               | 1                 | 45                 |
| Asgrow AG3730      | 57.7           | 3.7               | 1                 | 45                 |
| NuTech-G2 7362     | 57.6           | 3.6               | 1                 | 47                 |
| Morsoy R2 37X70N   | 57.4           | 3.7               | 2                 | 44                 |
| NK S39-U2 Brand    | 57.3           | 3.9               | 2                 | 42                 |
| Mycogen 5N371R2    | 57.1           | 3.7               | 2                 | 44                 |
| Midland 3952NR2    | 56.8           | 3.9               | 1                 | 37                 |
| Morsoy R2 38X31N   | 56.4           | 3.8               | 1                 | 40                 |
| Mycogen 5N386R2    | 56.3           | 3.8               | 1                 | 46                 |
| NuTech-G2 7390     | 56.2           | 3.9               | 2                 | 44                 |
| MPG 3811R2N        | 56.0           | 3.7               | 1                 | 42                 |
| Hoegemeyer 3997NRR | 55.9           | 3.9               | 2                 | 44                 |
| Pfister 38R25      | 55.9           | 3.8               | 1                 | 42                 |
| Kruger K2-3701     | 55.7           | 3.7               | 1                 | 41                 |
| Midland 3612NR2    | 55.7           | 3.6               | 1                 | 41                 |
| Kruger K2-3802     | 55.5           | 3.8               | 1                 | 38                 |
| NuTech-G2 7385     | 55.5           | 3.8               | 2                 | 45                 |
| Power Plus 38D2    | 55.5           | 3.8               | 1                 | 36                 |
| NuTech 7388        | 55.4           | 3.8               | 1                 | 36                 |
| Lewis 381R2        | 55.3           | 3.8               | 1                 | 42                 |

**ANNADA, MO (PIKE COUNTY) - CENTRAL REGION SOYBEAN TEST**

| <b>Brand/Variety</b>       | <b>Yield<br/>Bu/Ac</b> | <b>Maturity<br/>group</b> | <b>Lodging<br/>1 to 5</b> | <b>Plant-Height<br/>in</b> |
|----------------------------|------------------------|---------------------------|---------------------------|----------------------------|
| Hoblit 372LL               | 54.9                   | 3.7                       | 2                         | 45                         |
| NK S35-T9 Brand            | 54.8                   | 3.5                       | 2                         | 48                         |
| Midland 3822NR2            | 54.6                   | 3.8                       | 1                         | 44                         |
| Lewis 351R2                | 54.5                   | 3.5                       | 1                         | 40                         |
| Morsoy R2 39X01N           | 53.7                   | 3.9                       | 1                         | 38                         |
| NuTech 3420L               | 53.1                   | 3.4                       | 2                         | 48                         |
| Kruger K2-3902             | 52.7                   | 3.9                       | 1                         | 37                         |
| NuTech 7359                | 52.3                   | 3.5                       | 1                         | 28                         |
| Mershman Washington 1238RR | 52.0                   | 3.8                       | 2                         | 39                         |
| MorSoy RT 3930N            | 52.0                   | 3.9                       | 2                         | 42                         |
| SS 10L.39N                 | 51.8                   | 3.9                       | 1                         | 42                         |
| MPG 3911NRR                | 51.6                   | 3.9                       | 2                         | 45                         |
| Pioneer 93Y70              | 51.5                   | 3.7                       | 2                         | 48                         |
| Stine 3923-4               | 51.3                   | 3.9                       | 2                         | 45                         |
| SS 10L.37N                 | 51.0                   | 3.7                       | 2                         | 45                         |
| Power Plus 37T1            | 50.7                   | 3.7                       | 2                         | 45                         |
| Midland 3842NRR            | 50.6                   | 3.8                       | 3                         | 41                         |
| Morsoy LL 3759N            | 50.1                   | 3.7                       | 2                         | 43                         |
| Patriot                    | 46.3                   | 3.9                       | 2                         | 45                         |
| <b>GRAND MEAN</b>          | <b>56.6</b>            |                           | <b>1</b>                  | <b>42</b>                  |
| <b>LSD (10%)</b>           | <b>6.9</b>             |                           |                           |                            |
| <b>CV (%)</b>              | <b>9.0</b>             |                           |                           |                            |

*\*\*Highest yielding variety within a maturity group in a test.*

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

**ANNADA, MO (PIKE COUNTY) - CENTRAL REGION SOYBEAN TEST**
**MATURITY GROUP 4**

| Brand/Variety             | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------------|----------------|-------------------|-------------------|--------------------|
| Mershman Tucson 1249LL    | 69.1**         | 4.9               | 2                 | 50                 |
| Mycogen 5N451R2           | 65.3*          | 4.5               | 1                 | 52                 |
| Mershman Atlanta 1047RR2Y | 63.5*          | 4.7               | 1                 | 48                 |
| Asgrow AGEXPMO4.2         | 61.9           | 4.2               | 1                 | 49                 |
| Kruger K2-4102            | 61.9           | 4.1               | 1                 | 45                 |
| Mershman Phoenix 1245RR2Y | 61.7           | 4.5               | 2                 | 52                 |
| Morsoy R2 46X71N          | 61.7           | 4.6               | 2                 | 48                 |
| Pioneer 94Y01             | 60.5           | 4.0               | 2                 | 45                 |
| Kruger K2-4101            | 59.7           | 4.1               | 1                 | 49                 |
| NuTech 7478               | 59.3           | 4.7               | 1                 | 48                 |
| Kruger K2-4302            | 57.6           | 4.3               | 1                 | 44                 |
| Hoegemeyer 4394NRS        | 57.0           | 4.3               | 2                 | 45                 |
| Hoegemeyer 4120NRR        | 56.9           | 4.1               | 2                 | 45                 |
| Mershman Houston 747RR    | 56.9           | 4.7               | 1                 | 45                 |
| Kruger K2-4601            | 56.5           | 4.6               | 1                 | 46                 |
| NK S42-T4 Brand           | 56.3           | 4.2               | 1                 | 55                 |
| Morsoy R2 47X31N          | 56.2           | 4.7               | 2                 | 53                 |
| Dyna-Gro 39RY43           | 56.1           | 4.3               | 2                 | 52                 |
| Pfister 43R29             | 55.9           | 4.3               | 1                 | 49                 |
| Lewis 412R2               | 55.6           | 4.1               | 1                 | 44                 |
| Mershman Tampa 1245LL     | 55.6           | 4.5               | 1                 | 48                 |
| Mycogen 5N431R2           | 55.6           | 4.3               | 1                 | 46                 |
| Morsoy R2 42X21N          | 55.5           | 4.2               | 1                 | 48                 |
| MPG 4707NRR/STS           | 55.5           | 4.7               | 1                 | 46                 |
| NuTech-G2 7415SE          | 55.5           | 4.1               | 1                 | 49                 |
| Kruger K2-4801            | 55.4           | 4.8               | 2                 | 53                 |
| Kruger K2-4202            | 55.2           | 4.2               | 1                 | 48                 |
| Lewis 441R2               | 54.6           | 4.4               | 1                 | 48                 |
| Mershman Miami 949LL      | 54.6           | 4.9               | 1                 | 48                 |
| NuTech-G2 7442            | 54.6           | 4.4               | 2                 | 51                 |
| Mershman Nashville 749RR  | 54.4           | 4.9               | 1                 | 44                 |
| Mershman Macon 1249LL     | 54.3           | 4.9               | 2                 | 56                 |
| MPG 4509NRR/STS           | 54.3           | 4.5               | 2                 | 40                 |
| Mycogen 5N412R2           | 53.9           | 4.1               | 2                 | 47                 |
| NuTech-G2 7420            | 53.9           | 4.2               | 2                 | 46                 |
| Kruger K2-4502            | 53.8           | 4.5               | 1                 | 46                 |
| Morsoy R2 41X11N          | 53.8           | 4.1               | 2                 | 49                 |
| Mershman Austin 1142LL    | 53.7           | 4.2               | 2                 | 49                 |
| NuTech-G2 7472            | 53.7           | 4.7               | 2                 | 48                 |
| Kruger K2-4701            | 53.6           | 4.7               | 1                 | 54                 |

**ANNADA, MO (PIKE COUNTY) - CENTRAL REGION SOYBEAN TEST**

| Brand/Variety             | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------------|----------------|-------------------|-------------------|--------------------|
| Kruger K2-4201            | 53.4           | 4.2               | 1                 | 53                 |
| Midland 4162NR2           | 53.1           | 4.1               | 1                 | 53                 |
| NK S46-A1 Brand           | 53.0           | 4.6               | 1                 | 46                 |
| Mershman Memphis 1243RR2Y | 52.8           | 4.3               | 1                 | 42                 |
| Mycogen 5N403R2           | 52.8           | 4.0               | 1                 | 45                 |
| NuTech 7425S              | 52.7           | 4.2               | 1                 | 42                 |
| Hoegemeyer 4383NRR        | 52.5           | 4.3               | 2                 | 49                 |
| NuTech-G2 7460            | 52.5           | 4.6               | 2                 | 45                 |
| SS 11L.43N                | 51.7           | 4.3               | 2                 | 48                 |
| Hoblit 412LL              | 51.3           | 4.1               | 2                 | 51                 |
| eMerge 4510S              | 50.7           | 4.5               | 1                 | 40                 |
| Power Plus 43D1           | 49.8           | 4.3               | 1                 | 43                 |
| Hoegemeyer 4191NRR        | 48.7           | 4.1               | 2                 | 40                 |
| MPG 4577NRR               | 48.4           | 4.5               | 1                 | 54                 |
| Power Plus 40V1           | 48.3           | 4.0               | 1                 | 50                 |
| MPV-C-450N                | 47.0           | 4.5               | 2                 | 46                 |
| MPV 4238N                 | 45.9           | 4.2               | 1                 | 47                 |
| Stine 40RC32              | 44.7           | 4.0               | 2                 | 49                 |
| Midland 4329NRR           | 44.1           | 4.3               | 2                 | 47                 |
| S08-15072                 | 44.0           | 4.1               | 2                 | 47                 |
| Mustang                   | 32.2           | 4.2               | 2                 | 52                 |
| <b>GRAND MEAN</b>         | <b>54.0</b>    |                   | <b>1</b>          | <b>48</b>          |
| <b>LSD (10%)</b>          | <b>5.6</b>     |                   |                   |                    |
| <b>CV (%)</b>             | <b>8.2</b>     |                   |                   |                    |

**\*\*Highest yielding variety within a maturity group in a test.**

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

# CENTRAL REGION SUMMARY

## MATURITY GROUP 3

| Brand/Variety      | Henrietta<br>Bu/Ac | Grand Pass<br>Bu/Ac | Columbia<br>Bu/Ac | Truxton<br>Bu/Ac | Annada<br>Bu/Ac | Mean<br>Bu/Ac |
|--------------------|--------------------|---------------------|-------------------|------------------|-----------------|---------------|
| Mycogen 5N385R2    | 66.9*              | 56.9*               | 48.9**            | 56.7**           | 61.4*           | 58.1**        |
| NuTech-G2 7372     | 68.0**             | 59.5*               | 44.0              | 53.8*            | 63.1*           | 57.6*         |
| Kruger K2-3602     | 58.5               | 60.4*               | 44.2*             | 47.8             | 66.4**          | 55.4*         |
| Asgrow AG3731      | 60.3*              | 62.1*               | 43.1              | 50.3             | 61.0*           | 55.3          |
| MorSoy RT 3807N    | 60.3*              | 56.0                | 47.5*             | 49.8             | 62.5*           | 55.2          |
| Mycogen 5N386R2    | 66.9*              | 60.9*               | 41.8              | 50.5             | 56.3            | 55.2          |
| NuTech-G2 7373     | 62.4*              | 58.6*               | 44.3*             | 48.7             | 60.8*           | 54.9          |
| Mycogen 5N392RR    | 63.0*              | 54.3                | 45.6*             | 51.2             | 59.6*           | 54.7          |
| Dyna-Gro 36RY38    | 63.2*              | 58.7*               | 45.4*             | 47.7             | 58.2            | 54.6          |
| Midland 3952NR2    | 62.4*              | 60.3*               | 45.0*             | 47.2             | 56.8            | 54.3          |
| Dyna-Gro 32RY39    | 65.4*              | 57.2*               | 41.2              | 48.6             | 58.4            | 54.1          |
| Power Plus 37T1    | 64.4*              | 59.0*               | 44.0              | 52.5*            | 50.7            | 54.1          |
| Stine 37RC82       | 61.9*              | 57.4*               | 41.9              | 48.6             | 60.0*           | 53.9          |
| Morsoy R2 38X31N   | 64.5*              | 58.5*               | 42.7              | 47.2             | 56.4            | 53.8          |
| Power Plus 38D2    | 65.0*              | 58.2*               | 38.8              | 51.9             | 55.5            | 53.8          |
| Morsoy R2 39X01N   | 64.9*              | 56.4                | 44.6*             | 49.3             | 53.7            | 53.7          |
| MPG 3912R2N        | 57.7               | 56.1                | 46.2*             | 47.5             | 61.4*           | 53.7          |
| Pioneer 93Y70      | 61.6*              | 60.2*               | 42.4              | 52.9*            | 51.5            | 53.7          |
| Midland 3612NR2    | 65.3*              | 60.5*               | 39.6              | 47.3             | 55.7            | 53.6          |
| Lewis 381R2        | 61.8*              | 58.3*               | 41.8              | 50.7             | 55.3            | 53.5          |
| NuTech 3372L       | 60.1*              | 57.4*               | 44.6*             | 46.3             | 59.5*           | 53.5          |
| NuTech-G2 7390     | 56.2               | 55.7                | 46.9*             | 52.6*            | 56.2            | 53.5          |
| Pfister 38R25      | 60.9*              | 53.9                | 45.0*             | 52.1             | 55.9            | 53.5          |
| Hoegemeyer 3789NRR | 60.3*              | 61.2*               | 41.8              | 43.1             | 61.0*           | 53.4          |
| Kruger K2-3701     | 64.4*              | 56.4                | 42.4              | 48.5             | 55.7            | 53.4          |
| NK S34-N3 Brand    | 60.8*              | 56.2                | 38.3              | 51.6             | 60.1*           | 53.4          |
| Midland 3822NR2    | 63.3*              | 60.7*               | 43.1              | 45.2             | 54.6            | 53.3          |
| NuTech-G2 7362     | 63.0*              | 56.6                | 43.6              | 45.4             | 57.6            | 53.2          |
| Midland 3732NR2    | 61.3*              | 52.7                | 44.4*             | 48.0             | 59.4            | 53.1          |
| Stine 3923-4       | 64.0*              | 62.6**              | 38.2              | 48.8             | 51.3            | 52.9          |
| Dyna-Gro 37P37     | 59.6*              | 55.4                | 40.7              | 46.1             | 62.6*           | 52.8          |
| NuTech-G2 7385     | 60.4*              | 56.8*               | 43.0              | 48.7             | 55.5            | 52.8          |
| Asgrow AG3830      | 59.8*              | 57.2*               | 37.0              | 48.2             | 61.6*           | 52.7          |
| Hoegemeyer 3997NRR | 57.7               | 53.1                | 45.3*             | 51.4             | 55.9            | 52.6          |
| Kruger K2-3902     | 65.0*              | 59.5*               | 37.3              | 48.8             | 52.7            | 52.6          |
| Morsoy R2 37X70N   | 64.5*              | 52.0                | 41.7              | 46.5             | 57.4            | 52.4          |
| NuTech-G2 7389     | 60.8*              | 58.1*               | 40.6              | 44.5             | 58.2            | 52.4          |
| Kruger K2-3802     | 57.6               | 51.6                | 46.7*             | 50.5             | 55.5            | 52.3          |
| Lewis 351R2        | 60.3*              | 57.9*               | 43.3              | 45.8             | 54.5            | 52.3          |
| Mycogen 5N371R2    | 59.0*              | 54.1                | 46.1*             | 45.4             | 57.1            | 52.3          |

# CENTRAL REGION SUMMARY - SOYBEAN TEST

| Brand/Variety              | Henrietta<br>Bu/Ac | Grand Pass<br>Bu/Ac | Columbia<br>Bu/Ac | Truxton<br>Bu/Ac | Annada<br>Bu/Ac | Mean<br>Bu/Ac |
|----------------------------|--------------------|---------------------|-------------------|------------------|-----------------|---------------|
| NK S35-T9 Brand            | 60.7*              | 57.4*               | 43.4              | 45.4             | 54.8            | 52.3          |
| Midland 3842NRR            | 60.2*              | 58.8*               | 42.9              | 48.6             | 50.6            | 52.2          |
| MorSoy RT 3930N            | 52.9               | 60.4*               | 44.8*             | 51.2             | 52.0            | 52.2          |
| MPG 3811R2N                | 58.2               | 54.5                | 43.5              | 48.4             | 56.0            | 52.1          |
| Asgrow AG3730              | 61.7*              | 57.6*               | 40.0              | 43.2             | 57.7            | 52.0          |
| NK S39-U2 Brand            | 58.9*              | 55.1                | 43.7              | 45.0             | 57.3            | 52.0          |
| Morsoy LL 3759N            | 60.3*              | 52.0                | 46.7*             | 49.6             | 50.1            | 51.7          |
| MPG 3911NRR                | 59.5*              | 58.0*               | 42.6              | 46.8             | 51.6            | 51.7          |
| NuTech 7388                | 57.8               | 59.1*               | 40.2              | 45.6             | 55.4            | 51.6          |
| Midland 3740NR2            | 57.0               | 53.6                | 43.2              | 44.8             | 59.2            | 51.5          |
| SS 10L.37N                 | 58.9*              | 56.5                | 44.0              | 47.4             | 51.0            | 51.5          |
| Mershman Washington 1238RR | 57.9               | 58.6*               | 39.6              | 48.4             | 52.0            | 51.3          |
| Midland 3850NR2            | 51.3               | 60.5*               | 42.3              | 44.9             | 57.9            | 51.3          |
| Lewis 392R2                | 52.8               | 53.4                | 39.7              | 50.4             | 59.3            | 51.1          |
| Hoblit 372LL               | 57.0               | 53.6                | 42.1              | 47.2             | 54.9            | 50.9          |
| NuTech 7359                | 59.2*              | 56.2                | 40.3              | 42.0             | 52.3            | 50.0          |
| NuTech 3420L               | 51.1               | 48.5                | 40.2              | 48.9             | 53.1            | 48.3          |
| Patriot                    | 54.7               | 49.9                | 40.0              | 43.9             | 46.3            | 46.9          |
| SS 10L.39N                 | 47.7               | 49.2                | 36.5              | 44.1             | 51.8            | 45.8          |
| <b>GRAND MEAN</b>          | <b>60.5</b>        | <b>56.6</b>         | <b>42.6</b>       | <b>48.3</b>      | <b>56.6</b>     | <b>52.9</b>   |
| <b>LSD (10%)</b>           | <b>9.2</b>         | <b>5.8</b>          | <b>4.7</b>        | <b>4.1</b>       | <b>6.9</b>      | <b>2.7</b>    |
| <b>CV (%)</b>              | <b>11.2</b>        | <b>7.6</b>          | <b>8.2</b>        | <b>6.3</b>       | <b>9.0</b>      | <b>8.5</b>    |

**\*\*Highest yielding variety within a maturity group in a test.**

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

**CENTRAL REGION SUMMARY - SOYBEAN TEST**
**MATURITY GROUP 4**

| Brand/Variety             | Henrietta<br>Bu/Ac | Grand Pass<br>Bu/Ac | Columbia<br>Bu/Ac | Annada<br>Bu/Ac | Mean<br>Bu/Ac |
|---------------------------|--------------------|---------------------|-------------------|-----------------|---------------|
| Mycogen 5N431R2           | 57.1*              | 57.8*               | 50.3*             | 55.6            | 55.2**        |
| Asgrow AGEXPMO4.2         | 53.5               | 56.7*               | 47.4              | 61.9            | 54.8*         |
| Pfister 43R29             | 55.6*              | 56.3*               | 51.7**            | 55.9            | 54.8*         |
| Mycogen 5N451R2           | 55.7*              | 53.1                | 44.8              | 65.3*           | 54.7*         |
| Kruger K2-4502            | 60.2**             | 59.4**              | 44.7              | 53.8            | 54.5*         |
| Kruger K2-4102            | 58.4*              | 49.8                | 44.9              | 61.9            | 53.7*         |
| Dyna-Gro 39RY43           | 57.6*              | 51.8                | 48.7*             | 56.1            | 53.5*         |
| Lewis 412R2               | 55.2*              | 55.5*               | 47.7*             | 55.6            | 53.5*         |
| NuTech-G2 7472            | 54.0*              | 57.1*               | 48.0*             | 53.7            | 53.2*         |
| Morsey R2 42X21N          | 54.4*              | 53.9                | 47.1              | 55.5            | 52.7*         |
| Pioneer 94Y01             | 54.5*              | 52.7                | 43.0              | 60.5            | 52.6*         |
| Hoegemeyer 4120NRR        | 56.5*              | 50.4                | 45.8              | 56.9            | 52.4          |
| Lewis 441R2               | 52.8               | 56.9*               | 44.9              | 54.6            | 52.3          |
| Kruger K2-4101            | 58.0*              | 50.7                | 40.5              | 59.7            | 52.2          |
| Morsey R2 41X11N          | 55.2*              | 54.3*               | 45.8              | 53.8            | 52.2          |
| Morsey R2 46X71N          | 50.8               | 51.8                | 43.9              | 61.7            | 52.0          |
| NuTech-G2 7415SE          | 54.4*              | 54.5*               | 43.2              | 55.5            | 51.9          |
| NuTech-G2 7442            | 55.8*              | 54.3*               | 43.0              | 54.6            | 51.9          |
| Mershman Memphis 1243RR2Y | 55.3*              | 52.7                | 45.9              | 52.8            | 51.6          |
| NuTech-G2 7460            | 56.7*              | 51.8                | 44.8              | 52.5            | 51.4          |
| Kruger K2-4302            | 52.8               | 51.5                | 42.5              | 57.6            | 51.1          |
| Kruger K2-4601            | 49.1               | 53.7                | 44.1              | 56.5            | 50.8          |
| Mershman Houston 747RR    | 48.0               | 55.0*               | 43.0              | 56.9            | 50.7          |
| Morsey R2 47X31N          | 46.4               | 56.1*               | 44.4              | 56.2            | 50.7          |
| Midland 4162NR2           | 53.2               | 53.6                | 42.7              | 53.1            | 50.6          |
| NuTech-G2 7420            | 52.7               | 49.9                | 46.2              | 53.9            | 50.6          |
| Mershman Atlanta 1047RR2Y | 46.8               | 51.0                | 41.0              | 63.5*           | 50.5          |
| Mycogen 5N403R2           | 53.8               | 54.7*               | 40.9              | 52.8            | 50.5          |
| Kruger K2-4202            | 51.6               | 52.7                | 42.3              | 55.2            | 50.4          |
| Mycogen 5N412R2           | 50.8               | 48.9                | 47.1              | 53.9            | 50.1          |
| Mershman Phoenix 1245RR2Y | 49.4               | 43.0                | 46.0              | 61.7            | 50.0          |
| Hoegemeyer 4383NRR        | 54.9*              | 52.4                | 39.2              | 52.5            | 49.7          |
| Hoegemeyer 4394NRS        | 46.9               | 51.5                | 42.9              | 57.0            | 49.5          |
| Mershman Nashville 749RR  | 46.0               | 52.1                | 45.4              | 54.4            | 49.4          |
| NuTech 7478               | 45.5               | 49.8                | 41.4              | 59.3            | 49.0          |
| Mershman Tucson 1249LL    | 40.7               | 39.8                | 46.1              | 69.1**          | 48.9          |
| NuTech 7425S              | 48.3               | 48.0                | 45.2              | 52.7            | 48.5          |
| Kruger K2-4701            | 47.2               | 50.2                | 42.9              | 53.6            | 48.4          |
| SS 11L.43N                | 53.4               | 45.3                | 42.7              | 51.7            | 48.2          |
| MPG 4577NRR               | 52.0               | 49.5                | 42.6              | 48.4            | 48.1          |

# CENTRAL REGION SUMMARY - SOYBEAN TEST

| Brand/Variety          | Henrietta<br>Bu/Ac | Grand Pass<br>Bu/Ac | Columbia<br>Bu/Ac | Annada<br>Bu/Ac | Mean<br>Bu/Ac |
|------------------------|--------------------|---------------------|-------------------|-----------------|---------------|
| MPG 4509NRR/STS        | 46.3               | 54.1*               | 36.2              | 54.3            | 47.7          |
| Hoblitt 412LL          | 49.0               | 48.4                | 42.0              | 51.3            | 47.6          |
| Kruger K2-4801         | 44.8               | 50.9                | 39.6              | 55.4            | 47.6          |
| NK S46-A1 Brand        | 45.0               | 48.4                | 42.5              | 53.0            | 47.2          |
| Mershman Austin 1142LL | 46.2               | 44.9                | 43.8              | 53.7            | 47.1          |
| Kruger K2-4201         | 46.0               | 49.1                | 39.5              | 53.4            | 47.0          |
| MPG 4707NRR/STS        | 45.2               | 45.6                | 40.9              | 55.5            | 46.8          |
| eMerge 4510S           | 52.9               | 42.3                | 41.1              | 50.7            | 46.7          |
| Power Plus 40V1        | 46.0               | 51.8                | 40.9              | 48.3            | 46.7          |
| Hoegemeyer 4191NRR     | 50.9               | 47.8                | 38.9              | 48.7            | 46.5          |
| NK S42-T4 Brand        | 38.9               | 46.6                | 44.0              | 56.3            | 46.4          |
| Power Plus 43D1        | 44.3               | 53.0                | 38.4              | 49.8            | 46.3          |
| Mershman Tampa 1245LL  | 42.3               | 43.1                | 41.5              | 55.6            | 45.6          |
| MPV 4238N              | 48.7               | 46.9                | 40.5              | 45.9            | 45.5          |
| Mershman Miami 949LL   | 42.1               | 45.1                | 37.9              | 54.6            | 44.9          |
| S08-15072              | 47.2               | 48.8                | 39.8              | 44.0            | 44.9          |
| Midland 4329NRR        | 44.1               | 48.0                | 43.1              | 44.1            | 44.8          |
| MPV-C-450N             | 45.2               | 43.9                | 42.1              | 47.0            | 44.5          |
| Stine 40RC32           | 43.7               | 47.5                | 41.4              | 44.7            | 44.3          |
| Mershman Macon 1249LL  | 29.6               | 42.5                | 42.0              | 54.3            | 42.1          |
| Mustang                | 30.3               | 38.8                | 38.6              | 32.2            | 34.9          |
| <b>GRAND MEAN</b>      | <b>50.2</b>        | <b>50.6</b>         | <b>43.3</b>       | <b>54.0</b>     | <b>49.5</b>   |
| <b>LSD (10%)</b>       | <b>6.2</b>         | <b>5.4</b>          | <b>4.2</b>        | <b>5.6</b>      | <b>2.7</b>    |
| <b>CV (%)</b>          | <b>9.4</b>         | <b>8.4</b>          | <b>7.7</b>        | <b>8.2</b>      | <b>8.1</b>    |

\*\*Highest yielding variety within a maturity group in a test.

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



## SOUTHWEST REGION CROP MANAGEMENT SUMMARY

The Soybean Test was conducted at five locations (Harrisonville, Adrian, Urich, Nevada, Lamar) in the Southwest Region. All five locations were planted in mid-May but subsequent heavy rainfall reduced stand densities and all five locations were replanted in June. The Nevada location was irrigated with a season total of 6.5 inches of water.

### CHARACTERISTICS OF THE SOYBEAN TEST LOCATIONS – SOUTHWEST REGION

| Location      | Soil Type          | pH  | Soil Test |     |     | Precipitation |      |      |        |       |                     |
|---------------|--------------------|-----|-----------|-----|-----|---------------|------|------|--------|-------|---------------------|
|               |                    |     | OM        | P   | K   | May           | June | July | August | Sept. | Season <sup>a</sup> |
| Harrisonville | Haig silt loam     | 6.8 | 2.9%      | 98  | 376 | 4.7"          | 4.7" | 1.7" | 5.9"   | 1.0"  | 18.0"               |
| Adrian        | Kenoma silt loam   | 6.3 | 2.5%      | 104 | 402 | 5.8"          | 2.6" | 2.6" | 3.0"   | 2.8"  | 16.8"               |
| Urich         | Hartwell silt loam | 5.1 | 2.9%      | 22  | 260 | 5.3"          | 3.1" | 0.6" | 3.6"   | 1.5"  | 14.1"               |
| Nevada        | Parsons silt loam  | 6.2 | 2.1%      | 38  | 198 | 5.5"          | 2.4" | 2.6" | 2.8"   | 3.5"  | 16.8"               |
| Lamar         | Parsons silt loam  | 7.2 | 1.7%      | 52  | 152 | 5.3"          | 2.8" | 2.8" | 3.1"   | 2.8"  | 16.8"               |

<sup>a</sup> Region average season precipitation (May through September) = 16.6", 6.4" below normal

### CROP MANAGEMENT PRACTICES AT THE SOYBEAN TEST LOCATIONS – SOUTHWEST REGION

| Location      | Dates    |         | Fertilizer |                               |                  | Tillage | Herbicide                                      |                    |
|---------------|----------|---------|------------|-------------------------------|------------------|---------|------------------------------------------------|--------------------|
|               | Planting | Harvest | N          | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O |         | Pre                                            | Post               |
| Harrisonville | June 6   | Oct 14  | 25         | 120                           | 138              | Min.    | Dual II Magnum, Sonic, Roundup PowerMax, Valor | Fusilade           |
| Adrian        | June 6   | Oct 13  | 0          | 0                             | 0                | Notill  | Dual II Magnum, Sonic, Roundup PowerMax        | none               |
| Urich         | June 6   | Oct 14  | 15         | 40                            | 75               | Min.    | Dual II Magnum, Sonic, Roundup PowerMax        | Fusilade, Flexstar |
| Nevada        | June 7   | Oct 24  | 0          | 0                             | 0                | Min     | Dual II Magnum, Sonic, Roundup PowerMax        | none               |
| Lamar         | June 7   | Oct 12  | 0          | 0                             | 0                | Min     | Dual II Magnum, Sonic, Roundup PowerMax        | none               |

# HARRISONVILLE, MO (CASS COUNTY) - SOUTHWEST REGION

## MATURITY GROUP 4

| Brand/Variety       | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------|----------------|-------------------|-------------------|--------------------|
| Asgrow AG4531       | 71.5**         | 4.5               | 1                 | 34                 |
| Stoddard            | 67.4*          | 4.9               | 1                 | 33                 |
| Midland 4329NRR     | 67.3*          | 4.3               | 1                 | 35                 |
| Midland 4768NRR     | 67.0*          | 4.7               | 1                 | 36                 |
| Asgrow AG4932       | 66.2           | 4.9               | 1                 | 42                 |
| Morsoy R2 46X71N    | 66.1           | 4.6               | 1                 | 35                 |
| Pioneer 94Y80       | 66.0           | 4.8               | 1                 | 41                 |
| Pioneer 94Y70       | 65.9           | 4.7               | 1                 | 44                 |
| Midland 4792RS2     | 65.8           | 4.7               | 1                 | 34                 |
| Lewis 452R2         | 65.7           | 4.5               | 1                 | 37                 |
| S08-17361           | 65.7           | 4.9               | 1                 | 40                 |
| Schillinger 478.RCS | 65.7           | 4.7               | 1                 | 39                 |
| Asgrow AG4831       | 65.3           | 4.8               | 1                 | 38                 |
| Asgrow AGEXPMO4.2   | 65.3           | 4.2               | 1                 | 33                 |
| Dyna-Gro 35X43      | 65.1           | 4.3               | 1                 | 34                 |
| Go Soy 4411LL       | 65.0           | 4.4               | 1                 | 38                 |
| eMerge 4920S        | 64.8           | 4.9               | 1                 | 37                 |
| Asgrow AG4730       | 64.6           | 4.7               | 1                 | 36                 |
| Willcross RY2482N   | 64.6           | 4.8               | 1                 | 43                 |
| Morsoy R2 47X31N    | 64.5           | 4.7               | 1                 | 41                 |
| MorSoy RT 4707N     | 64.4           | 4.7               | 1                 | 41                 |
| SS 09L.49N          | 64.4           | 4.9               | 1                 | 37                 |
| Go Soy 4810LL       | 64.2           | 4.8               | 1                 | 36                 |
| Lewis 441R2         | 63.8           | 4.4               | 1                 | 32                 |
| Schillinger 4990.RC | 63.6           | 4.9               | 1                 | 39                 |
| Morsoy R2S 48X10    | 63.3           | 4.8               | 1                 | 36                 |
| S07-5049            | 63.2           | 4.1               | 1                 | 37                 |
| Dyna-Gro 39RY43     | 62.8           | 4.3               | 1                 | 31                 |
| Willcross RY2481N   | 62.5           | 4.8               | 1                 | 33                 |
| Lewis 472R2         | 62.3           | 4.7               | 1                 | 33                 |
| Midland 4270NR2     | 61.2           | 4.2               | 1                 | 28                 |
| S08-2014            | 61.2           | 4.2               | 1                 | 40                 |
| Schillinger 495.RC  | 60.5           | 4.9               | 1                 | 38                 |
| Schillinger 458.RCS | 60.4           | 4.6               | 1                 | 37                 |
| MPG 4577NRR         | 59.3           | 4.5               | 1                 | 36                 |
| S08-14072           | 58.8           | 4.4               | 1                 | 40                 |
| S08-4714            | 58.8           | 4.2               | 1                 | 38                 |
| MorSoy LL 4880N     | 58.7           | 4.8               | 1                 | 42                 |
| S08-14117           | 58.7           | 4.1               | 1                 | 34                 |
| Hanover             | 58.2           | 4.9               | 1                 | 35                 |

# HARRISONVILLE, MO (CASS COUNTY) - SOUTHWEST REGION SOYBEAN TEST

| Brand/Variety     | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|-------------------|----------------|-------------------|-------------------|--------------------|
| MPV 4238N         | 58.2           | 4.2               | 1                 | 38                 |
| MPV-C-490N        | 58.1           | 4.9               | 1                 | 34                 |
| S08-14087         | 57.7           | 4.6               | 1                 | 39                 |
| S08-15072         | 57.2           | 4.1               | 1                 | 30                 |
| S08-8467          | 56.0           | 4.2               | 1                 | 37                 |
| <b>GRAND MEAN</b> | <b>63.3</b>    |                   | <b>1</b>          | <b>37</b>          |
| <b>LSD (10%)</b>  | <b>6.0</b>     |                   |                   |                    |
| <b>CV (%)</b>     | <b>7.4</b>     |                   |                   |                    |

*\*\*Highest yielding variety within a maturity group in a test.*

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

## MATURITY GROUP 5

| Brand/Variety      | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|--------------------|----------------|-------------------|-------------------|--------------------|
| Lewis 502R2        | 66.8**         | 5.0               | 1                 | 36                 |
| Glenn              | 66.8*          | 5.5               | 1                 | 34                 |
| SS 10L.51N         | 66.6*          | 5.1               | 1                 | 34                 |
| Schillinger 557.RC | 65.7*          | 5.5               | 1                 | 33                 |
| MorSoy LL 5120N    | 65.6*          | 5.1               | 1                 | 31                 |
| Morsoy RTS 5150N   | 63.7*          | 5.1               | 1                 | 39                 |
| MPG 5505NRR/STS    | 62.5           | 5.5               | 1                 | 36                 |
| Asgrow AG5232      | 62.4           | 5.2               | 1                 | 35                 |
| eMerge 5110        | 62.2           | 5.1               | 1                 | 35                 |
| SS 12L.50N         | 61.7           | 5.0               | 1                 | 36                 |
| MPV-C-510N         | 61.5           | 5.1               | 1                 | 38                 |
| JTN-5203           | 61.3           | 5.3               | 1                 | 34                 |
| Go Soy 5111LL      | 60.4           | 5.1               | 1                 | 34                 |
| Jake               | 59.5           | 5.4               | 1                 | 33                 |
| <b>GRAND MEAN</b>  | <b>63.3</b>    |                   | <b>1</b>          | <b>35</b>          |
| <b>LSD (10%)</b>   | <b>4.2</b>     |                   |                   |                    |
| <b>CV (%)</b>      | <b>5.5</b>     |                   |                   |                    |

*\*\*Highest yielding variety within a maturity group in a test.*

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

## ADRIAN, MO (BATES COUNTY) - SOUTHWEST REGION

### MATURITY GROUP 4

| Brand/Variety       | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------|----------------|-------------------|-------------------|--------------------|
| Asgrow AG4831       | 40.7**         | 4.8               | 1                 | 35                 |
| Dyna-Gro 39RY43     | 39.5*          | 4.3               | 1                 | 34                 |
| Midland 4270NR2     | 38.3*          | 4.2               | 1                 | 32                 |
| Asgrow AG4531       | 38.2*          | 4.5               | 1                 | 34                 |
| Schillinger 4990.RC | 37.8*          | 4.9               | 1                 | 40                 |
| Pioneer 94Y70       | 37.1           | 4.7               | 1                 | 38                 |
| Willcross RY2481N   | 37.1           | 4.8               | 1                 | 33                 |
| Pioneer 94Y80       | 37.0           | 4.8               | 1                 | 35                 |
| Morsoy R2 47X31N    | 36.7           | 4.7               | 1                 | 36                 |
| S08-4714            | 36.6           | 4.2               | 1                 | 35                 |
| Lewis 441R2         | 36.3           | 4.4               | 1                 | 30                 |
| Asgrow AG4730       | 36.0           | 4.7               | 1                 | 33                 |
| Asgrow AGEXPMO4.2   | 36.0           | 4.2               | 1                 | 35                 |
| Morsoy R2S 48X10    | 35.9           | 4.8               | 1                 | 33                 |
| Schillinger 495.RC  | 35.9           | 4.9               | 1                 | 38                 |
| SS 09L.49N          | 35.9           | 4.9               | 1                 | 32                 |
| S08-2014            | 35.5           | 4.2               | 1                 | 35                 |
| Lewis 472R2         | 35.2           | 4.7               | 1                 | 38                 |
| S08-14087           | 35.1           | 4.6               | 1                 | 39                 |
| S08-17361           | 35.1           | 4.9               | 1                 | 38                 |
| Midland 4792RS2     | 35.0           | 4.7               | 1                 | 31                 |
| Stoddard            | 34.7           | 4.9               | 1                 | 32                 |
| Midland 4329NRR     | 34.6           | 4.3               | 1                 | 38                 |
| S08-14072           | 34.6           | 4.4               | 1                 | 41                 |
| eMerge 4920S        | 34.4           | 4.9               | 1                 | 35                 |
| MPV-C-490N          | 34.3           | 4.9               | 1                 | 33                 |
| MPG 4577NRR         | 34.0           | 4.5               | 1                 | 36                 |
| S08-14117           | 33.9           | 4.1               | 1                 | 34                 |
| Midland 4768NRR     | 33.1           | 4.7               | 1                 | 36                 |
| Dyna-Gro 35X43      | 32.9           | 4.3               | 1                 | 35                 |
| Willcross RY2482N   | 32.8           | 4.8               | 1                 | 36                 |
| MorSoy RT 4707N     | 32.7           | 4.7               | 1                 | 34                 |
| Schillinger 478.RCS | 32.7           | 4.7               | 1                 | 35                 |
| Morsoy R2 46X71N    | 32.4           | 4.6               | 1                 | 35                 |
| Lewis 452R2         | 32.3           | 4.5               | 1                 | 35                 |
| MPV 4238N           | 32.3           | 4.2               | 1                 | 33                 |
| Hanover             | 30.7           | 4.9               | 1                 | 36                 |
| Schillinger 458.RCS | 30.7           | 4.6               | 1                 | 31                 |
| Go Soy 4411LL       | 30.6           | 4.4               | 1                 | 37                 |
| S08-15072           | 30.5           | 4.1               | 1                 | 33                 |

# ADRIAN, MO (BATES COUNTY) - SOUTHWEST REGION SOYBEAN TEST

| Brand/Variety     | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|-------------------|----------------|-------------------|-------------------|--------------------|
| MorSoy LL 4880N   | 30.4           | 4.8               | 1                 | 38                 |
| S07-5049          | 30.1           | 4.1               | 1                 | 36                 |
| Asgrow AG4932     | 30.0           | 4.9               | 1                 | 36                 |
| Go Soy 4810LL     | 29.5           | 4.8               | 1                 | 37                 |
| S08-8467          | 29.0           | 4.2               | 1                 | 36                 |
| <b>GRAND MEAN</b> | <b>34.3</b>    |                   | <b>1</b>          | <b>35</b>          |
| <b>LSD (10%)</b>  | <b>3.0</b>     |                   |                   |                    |
| <b>CV (%)</b>     | <b>6.8</b>     |                   |                   |                    |

*\*\*Highest yielding variety within a maturity group in a test.*

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

## MATURITY GROUP 5

| Brand/Variety      | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|--------------------|----------------|-------------------|-------------------|--------------------|
| Glenn              | 40.8**         | 5.5               | 1                 | 32                 |
| eMerge 5110        | 39.9*          | 5.1               | 1                 | 33                 |
| MPG 5505NRR/STS    | 39.0*          | 5.5               | 1                 | 35                 |
| Lewis 502R2        | 38.6*          | 5.0               | 1                 | 34                 |
| MorSoy LL 5120N    | 38.2*          | 5.1               | 1                 | 31                 |
| Schillinger 557.RC | 38.0*          | 5.5               | 1                 | 32                 |
| SS 12L.50N         | 38.0*          | 5.0               | 1                 | 33                 |
| Go Soy 5111LL      | 37.5*          | 5.1               | 1                 | 34                 |
| MPV-C-510N         | 37.4*          | 5.1               | 1                 | 34                 |
| Asgrow AG5232      | 37.2*          | 5.2               | 1                 | 36                 |
| SS 10L.51N         | 37.1           | 5.1               | 1                 | 33                 |
| JTN-5203           | 36.1           | 5.3               | 1                 | 35                 |
| Morsoy RTS 5150N   | 34.7           | 5.1               | 1                 | 36                 |
| Jake               | 34.1           | 5.4               | 1                 | 35                 |
| <b>GRAND MEAN</b>  | <b>37.6</b>    |                   | <b>1</b>          | <b>34</b>          |
| <b>LSD (10%)</b>   | <b>3.6</b>     |                   |                   |                    |
| <b>CV (%)</b>      | <b>8.0</b>     |                   |                   |                    |

*\*\*Highest yielding variety within a maturity group in a test.*

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

# URICH, MO (HENRY COUNTY) - SOUTHWEST REGION

## MATURITY GROUP 4

| Brand/Variety       | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------|----------------|-------------------|-------------------|--------------------|
| Asgrow AG4831       | 38.8**         | 4.8               | 1                 | 35                 |
| Midland 4792RS2     | 37.7*          | 4.7               | 1                 | 30                 |
| Morsoy R2S 48X10    | 37.5*          | 4.8               | 1                 | 33                 |
| Pioneer 94Y80       | 36.9*          | 4.8               | 1                 | 39                 |
| Willcross RY2481N   | 36.9*          | 4.8               | 1                 | 32                 |
| Midland 4270NR2     | 36.3*          | 4.2               | 1                 | 34                 |
| Dyna-Gro 39RY43     | 35.9*          | 4.3               | 1                 | 29                 |
| MorSoy RT 4707N     | 35.9*          | 4.7               | 1                 | 34                 |
| Morsoy R2 46X71N    | 35.8*          | 4.6               | 1                 | 34                 |
| Lewis 472R2         | 35.7*          | 4.7               | 1                 | 38                 |
| Schillinger 4990.RC | 35.6*          | 4.9               | 1                 | 44                 |
| Asgrow AG4730       | 35.4           | 4.7               | 1                 | 33                 |
| Morsoy R2 47X31N    | 35.4           | 4.7               | 1                 | 37                 |
| Asgrow AG4531       | 35.3           | 4.5               | 1                 | 29                 |
| MPV-C-490N          | 34.6           | 4.9               | 1                 | 31                 |
| eMerge 4920S        | 34.4           | 4.9               | 1                 | 32                 |
| Stoddard            | 34.3           | 4.9               | 1                 | 30                 |
| Asgrow AGEXPMO4.2   | 33.6           | 4.2               | 1                 | 33                 |
| Willcross RY2482N   | 33.3           | 4.8               | 1                 | 36                 |
| Lewis 452R2         | 33.2           | 4.5               | 1                 | 35                 |
| S08-14087           | 33.2           | 4.6               | 1                 | 36                 |
| Asgrow AG4932       | 33.1           | 4.9               | 1                 | 37                 |
| MPG 4577NRR         | 33.1           | 4.5               | 1                 | 32                 |
| Lewis 441R2         | 33.0           | 4.4               | 1                 | 30                 |
| MPV 4238N           | 32.9           | 4.2               | 1                 | 34                 |
| Pioneer 94Y70       | 32.9           | 4.7               | 1                 | 42                 |
| Schillinger 495.RC  | 32.9           | 4.9               | 1                 | 32                 |
| Dyna-Gro 35X43      | 32.5           | 4.3               | 1                 | 35                 |
| MorSoy LL 4880N     | 32.5           | 4.8               | 1                 | 33                 |
| Midland 4768NRR     | 32.4           | 4.7               | 1                 | 34                 |
| Go Soy 4810LL       | 32.2           | 4.8               | 1                 | 35                 |
| SS 09L.49N          | 31.8           | 4.9               | 1                 | 34                 |
| S08-14117           | 31.6           | 4.1               | 1                 | 35                 |
| Schillinger 458.RCS | 31.5           | 4.6               | 1                 | 34                 |
| Go Soy 4411LL       | 31.4           | 4.4               | 1                 | 35                 |
| Midland 4329NRR     | 31.4           | 4.3               | 1                 | 36                 |
| S08-2014            | 31.4           | 4.2               | 1                 | 42                 |
| S08-17361           | 31.0           | 4.9               | 1                 | 30                 |
| S08-14072           | 29.6           | 4.4               | 1                 | 38                 |
| S07-5049            | 29.4           | 4.1               | 1                 | 33                 |

# **URICH, MO (HENRY COUNTY) - SOUTHWEST REGION SOYBEAN TEST**

| Brand/Variety       | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------|----------------|-------------------|-------------------|--------------------|
| Hanover             | 28.8           | 4.9               | 1                 | 36                 |
| Schillinger 478.RCS | 28.7           | 4.7               | 1                 | 36                 |
| S08-4714            | 28.5           | 4.2               | 1                 | 33                 |
| S08-8467            | 27.0           | 4.2               | 1                 | 33                 |
| S08-15072           | 24.9           | 4.1               | 1                 | 33                 |
| <b>GRAND MEAN</b>   | <b>33.0</b>    |                   | <b>1</b>          | <b>34</b>          |
| <b>LSD (10%)</b>    | <b>3.2</b>     |                   |                   |                    |
| <b>CV (%)</b>       | <b>7.4</b>     |                   |                   |                    |

*\*\*Highest yielding variety within a maturity group in a test.*

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

## **MATURITY GROUP 5**

| Brand/Variety      | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|--------------------|----------------|-------------------|-------------------|--------------------|
| eMerge 5110        | 39.2**         | 5.1               | 1                 | 34                 |
| SS 12L.50N         | 38.2*          | 5.0               | 1                 | 36                 |
| MPG 5505NRR/STS    | 37.4*          | 5.5               | 1                 | 36                 |
| Asgrow AG5232      | 37.1*          | 5.2               | 1                 | 39                 |
| Lewis 502R2        | 37.0*          | 5.0               | 1                 | 39                 |
| MPV-C-510N         | 36.9*          | 5.1               | 1                 | 42                 |
| Glenn              | 36.5*          | 5.5               | 1                 | 34                 |
| SS 10L.51N         | 36.5*          | 5.1               | 1                 | 34                 |
| Go Soy 5111LL      | 35.3           | 5.1               | 1                 | 37                 |
| MorSoy LL 5120N    | 35.2           | 5.1               | 1                 | 36                 |
| Jake               | 34.8           | 5.4               | 1                 | 40                 |
| JTN-5203           | 34.1           | 5.3               | 1                 | 37                 |
| Morsoy RTS 5150N   | 32.9           | 5.1               | 1                 | 38                 |
| Schillinger 557.RC | 30.9           | 5.5               | 1                 | 36                 |
| <b>GRAND MEAN</b>  | <b>35.8</b>    |                   | <b>1</b>          | <b>37</b>          |
| <b>LSD (10%)</b>   | <b>3.5</b>     |                   |                   |                    |
| <b>CV (%)</b>      | <b>8.3</b>     |                   |                   |                    |

*\*\*Highest yielding variety within a maturity group in a test.*

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

# NEVADA, MO (VERNON COUNTY) - SOUTHWEST REGION

## MATURITY GROUP 4

| Brand/Variety       | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------|----------------|-------------------|-------------------|--------------------|
| Asgrow AG4831       | 41.1**         | 4.8               | 1                 | 38                 |
| Asgrow AGEXPMO4.2   | 39.7*          | 4.2               | 1                 | 32                 |
| Pioneer 94Y80       | 39.1*          | 4.8               | 1                 | 36                 |
| Stoddard            | 38.1*          | 4.9               | 1                 | 30                 |
| Midland 4329NRR     | 37.9*          | 4.3               | 1                 | 35                 |
| S08-4714            | 37.0           | 4.2               | 1                 | 34                 |
| MPV-C-490N          | 36.8           | 4.9               | 1                 | 32                 |
| Schillinger 495.RC  | 36.8           | 4.9               | 1                 | 38                 |
| S08-14072           | 36.4           | 4.4               | 1                 | 41                 |
| Schillinger 4990.RC | 36.3           | 4.9               | 1                 | 35                 |
| Willcross RY2482N   | 36.2           | 4.8               | 1                 | 36                 |
| Asgrow AG4932       | 36.1           | 4.9               | 1                 | 36                 |
| eMerge 4920S        | 35.6           | 4.9               | 1                 | 31                 |
| MorSoy R2 47X31N    | 35.6           | 4.7               | 1                 | 39                 |
| Go Soy 4411LL       | 35.2           | 4.4               | 1                 | 37                 |
| Hanover             | 35.1           | 4.9               | 1                 | 35                 |
| Pioneer 94Y70       | 35.1           | 4.7               | 1                 | 40                 |
| S08-17361           | 34.8           | 4.9               | 1                 | 37                 |
| MorSoy RT 4707N     | 34.2           | 4.7               | 1                 | 34                 |
| MorSoy R2 46X71N    | 34.1           | 4.6               | 1                 | 34                 |
| Schillinger 458.RCS | 34.1           | 4.6               | 1                 | 34                 |
| Lewis 452R2         | 34.0           | 4.5               | 1                 | 32                 |
| S08-14087           | 34.0           | 4.6               | 1                 | 35                 |
| Dyna-Gro 39RY43     | 33.9           | 4.3               | 1                 | 31                 |
| Lewis 472R2         | 33.1           | 4.7               | 1                 | 37                 |
| Midland 4768NRR     | 32.9           | 4.7               | 1                 | 33                 |
| Willcross RY2481N   | 32.9           | 4.8               | 1                 | 32                 |
| Schillinger 478.RCS | 32.6           | 4.7               | 1                 | 36                 |
| Lewis 441R2         | 32.5           | 4.4               | 1                 | 28                 |
| Midland 4792RS2     | 32.4           | 4.7               | 1                 | 31                 |
| Midland 4270NR2     | 32.1           | 4.2               | 1                 | 30                 |
| MorSoy LL 4880N     | 31.8           | 4.8               | 1                 | 35                 |
| Asgrow AG4531       | 31.5           | 4.5               | 1                 | 31                 |
| SS 09L.49N          | 31.2           | 4.9               | 1                 | 29                 |
| MorSoy R2S 48X10    | 30.7           | 4.8               | 1                 | 31                 |
| Asgrow AG4730       | 30.6           | 4.7               | 1                 | 32                 |
| MPG 4577NRR         | 30.5           | 4.5               | 1                 | 34                 |
| S08-14117           | 29.8           | 4.1               | 1                 | 34                 |
| Dyna-Gro 35X43      | 29.6           | 4.3               | 1                 | 33                 |
| Go Soy 4810LL       | 29.3           | 4.8               | 1                 | 31                 |

# NEVADA, MO (VERNON COUNTY) - SOUTHWEST REGION SOYBEAN TEST

| Brand/Variety     | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|-------------------|----------------|-------------------|-------------------|--------------------|
| S07-5049          | 28.9           | 4.1               | 1                 | 32                 |
| MPV 4238N         | 28.5           | 4.2               | 1                 | 33                 |
| S08-2014          | 28.3           | 4.2               | 1                 | 36                 |
| S08-8467          | 27.8           | 4.2               | 1                 | 37                 |
| S08-15072         | 24.3           | 4.1               | 1                 | 31                 |
| <b>GRAND MEAN</b> | <b>33.8</b>    |                   | <b>1</b>          | <b>34</b>          |
| <b>LSD (10%)</b>  | <b>3.9</b>     |                   |                   |                    |
| <b>CV (%)</b>     | <b>9.0</b>     |                   |                   |                    |

*\*\*Highest yielding variety within a maturity group in a test.*

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

## MATURITY GROUP 5

| Brand/Variety      | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|--------------------|----------------|-------------------|-------------------|--------------------|
| MPV-C-510N         | 42.3**         | 5.1               | 1                 | 31                 |
| JTN-5203           | 40.1*          | 5.3               | 1                 | 34                 |
| MorSoy LL 5120N    | 38.2           | 5.1               | 1                 | 30                 |
| Schillinger 557.RC | 37.6           | 5.5               | 1                 | 35                 |
| Jake               | 37.5           | 5.4               | 1                 | 36                 |
| Asgrow AG5232      | 37.1           | 5.2               | 1                 | 35                 |
| SS 10L.51N         | 36.9           | 5.1               | 1                 | 32                 |
| Glenn              | 36.3           | 5.5               | 1                 | 33                 |
| eMerge 5110        | 36.1           | 5.1               | 1                 | 35                 |
| SS 12L.50N         | 35.3           | 5.0               | 1                 | 31                 |
| Go Soy 5111LL      | 34.3           | 5.1               | 1                 | 31                 |
| MPG 5505NRR/STS    | 34.3           | 5.5               | 1                 | 36                 |
| Lewis 502R2        | 34.2           | 5.0               | 1                 | 34                 |
| Morsoy RTS 5150N   | 31.6           | 5.1               | 1                 | 40                 |
| <b>GRAND MEAN</b>  | <b>36.5</b>    |                   | <b>1</b>          | <b>34</b>          |
| <b>LSD (10%)</b>   | <b>3.8</b>     |                   |                   |                    |
| <b>CV (%)</b>      | <b>8.7</b>     |                   |                   |                    |

*\*\*Highest yielding variety within a maturity group in a test.*

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

# LAMAR, MO (BARTON COUNTY) - SOUTHWEST REGION

## MATURITY GROUP 4

| Brand/Variety       | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------|----------------|-------------------|-------------------|--------------------|
| Midland 4270NR2     | 45.3**         | 4.2               | 1                 | 33                 |
| Pioneer 94Y70       | 44.9*          | 4.7               | 1                 | 38                 |
| Dyna-Gro 39RY43     | 44.4*          | 4.3               | 1                 | 32                 |
| Morsoy R2 47X31N    | 43.8*          | 4.7               | 1                 | 38                 |
| Morsoy R2S 48X10    | 42.9*          | 4.8               | 1                 | 34                 |
| Morsoy R2 46X71N    | 42.7*          | 4.6               | 1                 | 36                 |
| Asgrow AGEXPMO4.2   | 42.4*          | 4.2               | 1                 | 37                 |
| S08-4714            | 41.9*          | 4.2               | 1                 | 34                 |
| Asgrow AG4531       | 41.6*          | 4.5               | 1                 | 33                 |
| Lewis 472R2         | 41.5*          | 4.7               | 1                 | 36                 |
| Willcross RY2481N   | 41.5*          | 4.8               | 1                 | 34                 |
| Midland 4792RS2     | 41.1*          | 4.7               | 1                 | 35                 |
| Midland 4768NRR     | 40.7           | 4.7               | 1                 | 36                 |
| Lewis 452R2         | 40.0           | 4.5               | 1                 | 35                 |
| Willcross RY2482N   | 39.9           | 4.8               | 1                 | 38                 |
| Lewis 441R2         | 39.8           | 4.4               | 1                 | 33                 |
| Pioneer 94Y80       | 39.8           | 4.8               | 1                 | 38                 |
| eMerge 4920S        | 39.5           | 4.9               | 1                 | 34                 |
| Asgrow AG4831       | 39.4           | 4.8               | 1                 | 36                 |
| S08-14117           | 39.3           | 4.1               | 1                 | 37                 |
| Schillinger 4990.RC | 39.3           | 4.9               | 1                 | 37                 |
| Schillinger 458.RCS | 39.2           | 4.6               | 1                 | 35                 |
| MorSoy RT 4707N     | 39.1           | 4.7               | 1                 | 34                 |
| Dyna-Gro 35X43      | 38.9           | 4.3               | 1                 | 34                 |
| S08-2014            | 38.8           | 4.2               | 1                 | 38                 |
| S08-14072           | 38.5           | 4.4               | 1                 | 39                 |
| Asgrow AG4730       | 38.4           | 4.7               | 1                 | 33                 |
| Asgrow AG4932       | 38.3           | 4.9               | 1                 | 37                 |
| MPV-C-490N          | 38.3           | 4.9               | 1                 | 30                 |
| MPG 4577NRR         | 38.0           | 4.5               | 1                 | 35                 |
| Go Soy 4411LL       | 37.8           | 4.4               | 1                 | 37                 |
| Schillinger 478.RCS | 37.7           | 4.7               | 1                 | 33                 |
| Stoddard            | 37.6           | 4.9               | 1                 | 26                 |
| Midland 4329NRR     | 37.1           | 4.3               | 1                 | 36                 |
| MPV 4238N           | 36.4           | 4.2               | 1                 | 32                 |
| S08-14087           | 36.3           | 4.6               | 1                 | 39                 |
| Hanover             | 35.7           | 4.9               | 1                 | 27                 |
| Go Soy 4810LL       | 35.6           | 4.8               | 1                 | 36                 |
| MorSoy LL 4880N     | 35.1           | 4.8               | 1                 | 35                 |
| Schillinger 495.RC  | 35.0           | 4.9               | 1                 | 37                 |

**LAMAR, MO (BARTON COUNTY) - SOUTHWEST REGION SOYBEAN TEST**

| Brand/Variety     | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|-------------------|----------------|-------------------|-------------------|--------------------|
| SS 09L.49N        | 35.0           | 4.9               | 1                 | 34                 |
| S08-17361         | 33.9           | 4.9               | 1                 | 32                 |
| S08-8467          | 32.5           | 4.2               | 1                 | 35                 |
| S07-5049          | 30.9           | 4.1               | 1                 | 35                 |
| S08-15072         | 30.7           | 4.1               | 1                 | 34                 |
| <b>GRAND MEAN</b> | <b>39.7</b>    |                   | <b>1</b>          | <b>35</b>          |
| <b>LSD (10%)</b>  | <b>4.3</b>     |                   |                   |                    |
| <b>CV (%)</b>     | <b>8.6</b>     |                   |                   |                    |

*\*\*Highest yielding variety within a maturity group in a test.*

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

**MATURITY GROUP 5**

| Brand/Variety      | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|--------------------|----------------|-------------------|-------------------|--------------------|
| Schillinger 557.RC | 46.1**         | 5.5               | 1                 | 36                 |
| MPV-C-510N         | 45.7*          | 5.1               | 1                 | 34                 |
| Asgrow AG5232      | 45.3*          | 5.2               | 1                 | 33                 |
| JTN-5203           | 45.2*          | 5.3               | 1                 | 31                 |
| eMerge 5110        | 44.5*          | 5.1               | 1                 | 31                 |
| Lewis 502R2        | 42.7*          | 5.0               | 1                 | 32                 |
| MorSoy RTS 5150N   | 41.5           | 5.1               | 1                 | 34                 |
| Jake               | 41.5           | 5.4               | 1                 | 34                 |
| MPG 5505NRR/STS    | 39.8           | 5.5               | 1                 | 33                 |
| Go Soy 5111LL      | 39.0           | 5.1               | 1                 | 35                 |
| MorSoy LL 5120N    | 37.4           | 5.1               | 1                 | 30                 |
| Glenn              | 36.6           | 5.5               | 1                 | 28                 |
| SS 10L.51N         | 35.1           | 5.1               | 1                 | 30                 |
| SS 12L.50N         | 32.9           | 5.0               | 1                 | 32                 |
| <b>GRAND MEAN</b>  | <b>40.9</b>    |                   | <b>1</b>          | <b>32</b>          |
| <b>LSD (10%)</b>   | <b>4.2</b>     |                   |                   |                    |
| <b>CV (%)</b>      | <b>8.7</b>     |                   |                   |                    |

*\*\*Highest yielding variety within a maturity group in a test.*

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

# SOUTHWEST REGION SUMMARY

## MATURITY GROUP 4

| Brand/Variety       | Harrisonville<br>Bu/Ac | Adrian<br>Bu/Ac | Urich<br>Bu/Ac | Nevada<br>Bu/Ac | Lamar<br>Bu/Ac | Mean<br>Bu/Ac |
|---------------------|------------------------|-----------------|----------------|-----------------|----------------|---------------|
| Asgrow AG4831       | 65.3                   | 40.7**          | 38.8**         | 41.1**          | 39.4           | 45.0**        |
| Pioneer 94Y80       | 66.0                   | 37.0            | 36.9*          | 39.1*           | 39.8           | 43.7*         |
| Asgrow AG4531       | 71.5**                 | 38.2*           | 35.3           | 31.5            | 41.6*          | 43.6*         |
| Asgrow AGEXPMO4.2   | 65.3                   | 36.0            | 33.6           | 39.7*           | 42.4*          | 43.4*         |
| Dyna-Gro 39RY43     | 62.8                   | 39.5*           | 35.9*          | 33.9            | 44.4*          | 43.3*         |
| Morsoy R2 47X31N    | 64.5                   | 36.7            | 35.4           | 35.6            | 43.8*          | 43.2*         |
| Pioneer 94Y70       | 65.9                   | 37.1            | 32.9           | 35.1            | 44.9*          | 43.1*         |
| Midland 4270NR2     | 61.2                   | 38.3*           | 36.3*          | 32.1            | 45.3**         | 42.6          |
| Schillinger 4990.RC | 63.6                   | 37.8*           | 35.6*          | 36.3            | 39.3           | 42.5          |
| Midland 4792RS2     | 65.8                   | 35.0            | 37.7*          | 32.4            | 41.1*          | 42.4          |
| Stoddard            | 67.4*                  | 34.7            | 34.3           | 38.1*           | 37.6           | 42.4          |
| Morsoy R2 46X71N    | 66.1                   | 32.4            | 35.8*          | 34.1            | 42.7*          | 42.2          |
| Willcross RY2481N   | 62.5                   | 37.1            | 36.9*          | 32.9            | 41.5*          | 42.1          |
| Morsoy R2S 48X10    | 63.3                   | 35.9            | 37.5*          | 30.7            | 42.9*          | 42.0          |
| eMerge 4920S        | 64.8                   | 34.4            | 34.4           | 35.6            | 39.5           | 41.7          |
| Midland 4329NRR     | 67.3*                  | 34.6            | 31.4           | 37.9*           | 37.1           | 41.6          |
| Lewis 472R2         | 62.3                   | 35.2            | 35.7*          | 33.1            | 41.5*          | 41.5          |
| Willcross RY2482N   | 64.6                   | 32.8            | 33.3           | 36.2            | 39.9           | 41.3          |
| Midland 4768NRR     | 67.0*                  | 33.1            | 32.4           | 32.9            | 40.7           | 41.2          |
| MorSoy RT 4707N     | 64.4                   | 32.7            | 35.9*          | 34.2            | 39.1           | 41.2          |
| Asgrow AG4730       | 64.6                   | 36.0            | 35.4           | 30.6            | 38.4           | 41.0          |
| Lewis 441R2         | 63.8                   | 36.3            | 33.0           | 32.5            | 39.8           | 41.0          |
| Lewis 452R2         | 65.7                   | 32.3            | 33.2           | 34.0            | 40.0           | 41.0          |
| Asgrow AG4932       | 66.2                   | 30.0            | 33.1           | 36.1            | 38.3           | 40.7          |
| S08-4714            | 58.8                   | 36.6            | 28.5           | 37.0            | 41.9*          | 40.5          |
| MPV-C-490N          | 58.1                   | 34.3            | 34.6           | 36.8            | 38.3           | 40.4          |
| Schillinger 495.RC  | 60.5                   | 35.9            | 32.9           | 36.8            | 35.0           | 40.2          |
| S08-17361           | 65.7                   | 35.1            | 31.0           | 34.8            | 33.9           | 40.1          |
| Go Soy 4411LL       | 65.0                   | 30.6            | 31.4           | 35.2            | 37.8           | 40.0          |
| Dyna-Gro 35X43      | 65.1                   | 32.9            | 32.5           | 29.6            | 38.9           | 39.8          |
| SS 09L.49N          | 64.4                   | 35.9            | 31.8           | 31.2            | 35.0           | 39.6          |
| S08-14072           | 58.8                   | 34.6            | 29.6           | 36.4            | 38.5           | 39.5          |
| Schillinger 478.RCS | 65.7                   | 32.7            | 28.7           | 32.6            | 37.7           | 39.4          |
| S08-14087           | 57.7                   | 35.1            | 33.2           | 34.0            | 36.3           | 39.2          |
| Schillinger 458.RCS | 60.4                   | 30.7            | 31.5           | 34.1            | 39.2           | 39.1          |
| S08-2014            | 61.2                   | 35.5            | 31.4           | 28.3            | 38.8           | 39.0          |
| MPG 4577NRR         | 59.3                   | 34.0            | 33.1           | 30.5            | 38.0           | 38.9          |
| S08-14117           | 58.7                   | 33.9            | 31.6           | 29.8            | 39.3           | 38.6          |
| Go Soy 4810LL       | 64.2                   | 29.5            | 32.2           | 29.3            | 35.6           | 38.1          |
| Hanover             | 58.2                   | 30.7            | 28.8           | 35.1            | 35.7           | 37.7          |

## SOUTHWEST REGION SUMMARY - SOYBEAN TEST

| Brand/Variety     | Harrisonville<br>Bu/Ac | Adrian<br>Bu/Ac | Urich<br>Bu/Ac | Nevada<br>Bu/Ac | Lamar<br>Bu/Ac | Mean<br>Bu/Ac |
|-------------------|------------------------|-----------------|----------------|-----------------|----------------|---------------|
| MorSoy LL 4880N   | 58.7                   | 30.4            | 32.5           | 31.8            | 35.1           | 37.7          |
| MPV 4238N         | 58.2                   | 32.3            | 32.9           | 28.5            | 36.4           | 37.6          |
| S07-5049          | 63.2                   | 30.1            | 29.4           | 28.9            | 30.9           | 36.5          |
| S08-8467          | 56.0                   | 29.0            | 27.0           | 27.8            | 32.5           | 34.4          |
| S08-15072         | 57.2                   | 30.5            | 24.9           | 24.3            | 30.7           | 33.5          |
| <b>GRAND MEAN</b> | <b>63.3</b>            | <b>34.3</b>     | <b>33.0</b>    | <b>33.8</b>     | <b>39.7</b>    | <b>40.7</b>   |
| <b>LSD (10%)</b>  | <b>6.0</b>             | <b>3.0</b>      | <b>3.2</b>     | <b>3.9</b>      | <b>4.3</b>     | <b>1.9</b>    |
| <b>CV (%)</b>     | <b>7.4</b>             | <b>6.8</b>      | <b>7.4</b>     | <b>9.0</b>      | <b>8.6</b>     | <b>7.6</b>    |

*\*\*Highest yielding variety within a maturity group in a test.*

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

## MATURITY GROUP 5

| Brand/Variety      | Harrisonville<br>Bu/Ac | Adrian<br>Bu/Ac | Urich<br>Bu/Ac | Nevada<br>Bu/Ac | Lamar<br>Bu/Ac | Mean<br>Bu/Ac |
|--------------------|------------------------|-----------------|----------------|-----------------|----------------|---------------|
| MPV-C-510N         | 61.5                   | 37.4*           | 36.9*          | 42.3**          | 45.7*          | 44.7**        |
| eMerge 5110        | 62.2                   | 39.9*           | 39.2**         | 36.1            | 44.5*          | 44.3*         |
| Asgrow AG5232      | 62.4                   | 37.2*           | 37.1*          | 37.1            | 45.3*          | 43.8*         |
| Lewis 502R2        | 66.8**                 | 38.6*           | 37.0*          | 34.2            | 42.7*          | 43.8*         |
| Schillinger 557.RC | 65.7*                  | 38.0*           | 30.9           | 37.6            | 46.1**         | 43.6*         |
| Glenn              | 66.8*                  | 40.8**          | 36.5*          | 36.3            | 36.6           | 43.4*         |
| JTN-5203           | 61.3                   | 36.1            | 34.1           | 40.1*           | 45.2*          | 43.3*         |
| MorSoy LL 5120N    | 65.6*                  | 38.2*           | 35.2           | 38.2            | 37.4           | 42.9          |
| MPG 5505NRR/STS    | 62.5                   | 39.0*           | 37.4*          | 34.3            | 39.8           | 42.6          |
| SS 10L.51N         | 66.6*                  | 37.1            | 36.5*          | 36.9            | 35.1           | 42.4          |
| Jake               | 59.5                   | 34.1            | 34.8           | 37.5            | 41.5           | 41.4          |
| Go Soy 5111LL      | 60.4                   | 37.5*           | 35.3           | 34.3            | 39.0           | 41.3          |
| SS 12L.50N         | 61.7                   | 38.0*           | 38.2*          | 35.3            | 32.9           | 41.2          |
| Morsoy RTS 5150N   | 63.7*                  | 34.7            | 32.9           | 31.6            | 41.5           | 40.8          |
| <b>GRAND MEAN</b>  | <b>63.3</b>            | <b>37.6</b>     | <b>35.8</b>    | <b>36.5</b>     | <b>40.9</b>    | <b>42.9</b>   |
| <b>LSD (10%)</b>   | <b>4.2</b>             | <b>3.6</b>      | <b>3.5</b>     | <b>3.8</b>      | <b>4.2</b>     | <b>1.7</b>    |
| <b>CV (%)</b>      | <b>5.5</b>             | <b>8.0</b>      | <b>8.3</b>     | <b>8.7</b>      | <b>8.7</b>     | <b>7.6</b>    |

*\*\*Highest yielding variety within a maturity group in a test.*

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



## SOUTHEAST REGION CROP MANAGEMENT SUMMARY

The Soybean Test was to be conducted at locations (Chaffee, Dexter, Morehouse, Portageville loam, Portageville clay) in the Southeast Region. Heavy spring rains delayed planting at four locations. The Dexter location could not be planted in time to provide reliable information, so it was abandoned. Headline was applied at Morehouse to control foliar diseases. Karate was applied at Morehouse to control stinkbugs.

### CHARACTERISTICS OF THE SOYBEAN TEST LOCATIONS – SOUTHEAST REGION

| Location          | Soil Type             | pH  | Soil Test |    |     | Precipitation |      |      |        |       |                     |            |
|-------------------|-----------------------|-----|-----------|----|-----|---------------|------|------|--------|-------|---------------------|------------|
|                   |                       |     | OM        | P  | K   | May           | June | July | August | Sept. | Season <sup>a</sup> | Irrigation |
| Chaffee           | Commerce silt loam    | 5.2 | 2.1%      | 96 | 438 | 8.5"          | 4.4" | 2.1" | 2.9"   | 4.9"  | 22.8"               | 6.0"       |
| Dexter            | (abandoned, see text) |     |           |    |     |               |      |      |        |       |                     |            |
| Morehouse         | Sharkey clay          | 5.8 | 1.6%      | 30 | 326 | 11.4"         | 4.0" | 2.8" | 2.0"   | 4.2"  | 24.4"               | 6.0"       |
| Portageville Clay | Portageville clay     | 6.4 | 2.4%      | 74 | 638 | 10.4"         | 3.1" | 1.4" | 1.0"   | 2.9"  | 18.8"               | 18.0"      |
| Portageville Loam | Tiptonville silt loam | 6.8 | 1.3%      | 82 | 342 | 10.4"         | 3.1" | 1.4" | 1.0"   | 2.9"  | 18.8"               | 16.0"      |

<sup>a</sup> Region average season precipitation (May through September) = 21.2", 2.1" above normal.

### CROP MANAGEMENT PRACTICES AT THE SOYBEAN TEST LOCATIONS – SOUTHEAST REGION

| Location          | Dates                 |                    | Fertilizer |                               |                  | Tillage | Herbicide                            |          |
|-------------------|-----------------------|--------------------|------------|-------------------------------|------------------|---------|--------------------------------------|----------|
|                   | Planting              | Harvest            | N          | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O |         | Pre                                  | Post     |
| Chaffee           | June 1                | Sept 29,<br>Oct 22 | 0          | 0                             | 0                | Conv.   | Dual II Magnum, FirstRate, Authority | Flexstar |
| Dexter            | (abandoned, see text) |                    |            |                               |                  |         |                                      |          |
| Morehouse         | June 1                | Oct 4,<br>Oct 21   | 0          | 0                             | 0                | Conv.   | Dual II Magnum, FirstRate, Authority | none     |
| Portageville Clay | May 31                | Oct 3,<br>Oct 23   | 0          | 0                             | 0                | Conv.   | Dual II Magnum, FirstRate, Authority | none     |
| Portageville Loam | May 10                | Sept 27,<br>Oct 10 | 0          | 0                             | 0                | Conv.   | Dual II Magnum, FirstRate, Authority | none     |

## CHAFFEE, MO (SCOTT COUNTY) - SOUTHEAST REGION

### MATURITY GROUP 3

| Brand/Variety            | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|--------------------------|----------------|-------------------|-------------------|--------------------|
| AgVenture VPMMaxx 38X1RR | 67.0**         | 3.8               | 2                 | 41                 |
| NK S39-U2 Brand          | 66.9*          | 3.9               | 2                 | 39                 |
| Progeny 3911RY           | 64.8*          | 3.9               | 1                 | 40                 |
| Dairyland DSR-3805/R2Y   | 64.2*          | 3.8               | 2                 | 41                 |
| AgVenture 38T8NRR/STS    | 62.8*          | 3.8               | 2                 | 36                 |
| <b>GRAND MEAN</b>        | <b>64.4</b>    |                   | <b>2</b>          | <b>39</b>          |
| <b>LSD (10%)</b>         | <b>4.8</b>     |                   |                   |                    |
| <b>CV (%)</b>            | <b>5.4</b>     |                   |                   |                    |

\*\*Highest yielding variety within a maturity group in a test.

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

### MATURITY GROUP 4

| Brand/Variety            | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|--------------------------|----------------|-------------------|-------------------|--------------------|
| Progeny 4910             | 80.9**         | 4.9               | 4                 | 54                 |
| eMerge 4920S             | 75.4*          | 4.9               | 2                 | 42                 |
| Armor X1209              | 74.4*          | 4.7               | 2                 | 50                 |
| Hornbeck HBK R4924       | 74.2*          | 4.9               | 4                 | 50                 |
| Hornbeck HBK RY4721      | 73.9           | 4.7               | 2                 | 50                 |
| Terrel REV 49R22         | 73.8           | 4.9               | 2                 | 48                 |
| Morsoy 4707              | 73.3           | 4.7               | 2                 | 52                 |
| Progeny 4906RR           | 73.3           | 4.9               | 2                 | 44                 |
| Progeny 4807RR           | 72.1           | 4.8               | 2                 | 48                 |
| S08-17361                | 71.4           | 4.9               | 3                 | 48                 |
| Asgrow AG4932            | 71.2           | 4.9               | 3                 | 48                 |
| Terrel REV 48R21         | 71.2           | 4.8               | 3                 | 44                 |
| Terrel REV 49R43         | 71.2           | 4.9               | 3                 | 46                 |
| Morsoy Xtra 46X71        | 70.6           | 4.6               | 2                 | 46                 |
| Pioneer 94Y70            | 70.6           | 4.7               | 3                 | 50                 |
| Pfister 45R23            | 70.4           | 4.5               | 2                 | 45                 |
| Schillinger 478.RCS      | 70.4           | 4.7               | 3                 | 44                 |
| Stone 2R4500STS          | 70.3           | 4.5               | 3                 | 44                 |
| Armor X1204              | 69.6           | 4.4               | 2                 | 44                 |
| Stone 2R4702             | 69.4           | 4.7               | 3                 | 48                 |
| Morsoy 4955              | 69.3           | 4.9               | 4                 | 46                 |
| Stone 2R4201             | 69.3           | 4.2               | 3                 | 44                 |
| Dyna-Gro 33G48           | 69.2           | 4.8               | 4                 | 46                 |
| Mershman Houston 747RR   | 69.2           | 4.7               | 2                 | 39                 |
| NK S49-A5 Brand          | 69.1           | 4.9               | 2                 | 50                 |
| Delta Grow 4875RR2       | 69.0           | 4.8               | 2                 | 46                 |
| AgVenture VPMMaxx 49C9RR | 68.8           | 4.9               | 2                 | 41                 |
| Armor X1210              | 68.8           | 4.8               | 4                 | 44                 |
| Hornbeck HBK RY4620      | 68.7           | 4.6               | 3                 | 44                 |
| Morsoy Xtra 47X31        | 68.6           | 4.7               | 3                 | 50                 |

**CHAFFEE, MO (SCOTT COUNTY) - SOUTHEAST REGION SOYBEAN TEST**

| Brand/Variety             | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------------|----------------|-------------------|-------------------|--------------------|
| Mershman Tulsa 1245LL     | 68.3           | 4.5               | 3                 | 48                 |
| Dyna-Gro 31RY45           | 68.2           | 4.5               | 3                 | 46                 |
| Terrel REV 47R53          | 68.1           | 4.7               | 3                 | 46                 |
| Dairyland DST 45-001/R2Y  | 68.0           | 4.5               | 3                 | 41                 |
| Delta King DKR4744        | 68.0           | 4.7               | 2                 | 39                 |
| Armor X1208               | 67.8           | 4.7               | 2                 | 52                 |
| Dairyland DSR-4300/RR     | 67.8           | 4.3               | 2                 | 41                 |
| S08-14087                 | 67.7           | 4.6               | 3                 | 46                 |
| Dyna-Gro 37RY47           | 67.6           | 4.7               | 2                 | 41                 |
| Pioneer 94Y81             | 67.6           | 4.8               | 2                 | 48                 |
| Armor X1205               | 67.4           | 4.4               | 1                 | 43                 |
| Armor 48-R40              | 67.3           | 4.7               | 2                 | 41                 |
| Mershman Memphis 1243RR2Y | 67.3           | 4.3               | 2                 | 41                 |
| Asgrow AG4732             | 67.2           | 4.7               | 2                 | 50                 |
| NK S44-D5 Brand           | 67.2           | 4.4               | 2                 | 44                 |
| Stone 2R4402              | 67.2           | 4.4               | 2                 | 44                 |
| AgVenture VPMMaxx 47A3NRR | 67.1           | 4.7               | 3                 | 48                 |
| USG 74G78                 | 67.1           | 4.7               | 1                 | 41                 |
| UA 4910                   | 66.9           | 4.9               | 2                 | 46                 |
| eMerge 4510S              | 66.8           | 4.5               | 2                 | 42                 |
| Mershman Atlanta 1047RR2Y | 66.7           | 4.7               | 2                 | 45                 |
| Morsoy CB 4860            | 66.7           | 4.8               | 3                 | 48                 |
| Pioneer 94Y91             | 66.6           | 4.9               | 2                 | 44                 |
| USG 74A79R                | 66.6           | 4.7               | 2                 | 46                 |
| Pioneer 94Y40             | 66.4           | 4.4               | 2                 | 41                 |
| Progeny 4710RY            | 66.3           | 4.7               | 2                 | 41                 |
| AgVenture VPMMaxx 49X1RR  | 66.2           | 4.9               | 2                 | 41                 |
| Armor X1247               | 66.2           | 4.7               | 2                 | 41                 |
| Pioneer 94Y61             | 66.2           | 4.6               | 2                 | 41                 |
| Schillinger 458.RCS       | 66.2           | 4.6               | 2                 | 48                 |
| Terrel REV 48R10          | 66.2           | 4.8               | 3                 | 44                 |
| Progeny 4211RY            | 66.1           | 4.2               | 2                 | 39                 |
| Dairyland DST 47-002/R2Y  | 65.9           | 4.7               | 2                 | 50                 |
| Delta Grow 4670RR2        | 65.9           | 4.6               | 2                 | 44                 |
| Delta Grow 4975RR         | 65.9           | 4.9               | 3                 | 42                 |
| AgVenture 47G7NRR/STS     | 65.7           | 4.7               | 2                 | 36                 |
| Progeny 4510RY            | 65.7           | 4.5               | 2                 | 36                 |
| Progeny 4611RY            | 65.6           | 4.6               | 3                 | 46                 |
| Progeny 4911RY            | 65.6           | 4.9               | 3                 | 50                 |
| NK S46-A1 Brand           | 65.4           | 4.6               | 2                 | 46                 |

**CHAFFEE, MO (SCOTT COUNTY) - SOUTHEAST REGION SOYBEAN TEST**

| Brand/Variety             | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------------|----------------|-------------------|-------------------|--------------------|
| Armor X1211               | 65.2           | 4.9               | 3                 | 41                 |
| Mershman Macon 1249LL     | 65.1           | 4.9               | 3                 | 46                 |
| Pioneer 94Y82             | 65.1           | 4.8               | 2                 | 42                 |
| Mershman Orlando 1246LL   | 64.9           | 4.6               | 1                 | 45                 |
| Schillinger 495.RC        | 64.9           | 4.9               | 4                 | 38                 |
| Terrel REV 49R11          | 64.8           | 4.9               | 2                 | 41                 |
| Armor X1206               | 64.6           | 4.4               | 2                 | 46                 |
| Progeny 4750RR            | 64.5           | 4.7               | 3                 | 46                 |
| Dairyland DST 45-002/R2Y  | 64.4           | 4.5               | 2                 | 44                 |
| Mershman Nashville 749RR  | 64.3           | 4.9               | 1                 | 41                 |
| Dyna-Gro 39RY43           | 64.1           | 4.3               | 2                 | 39                 |
| Pfister 47R24             | 64.1           | 4.7               | 2                 | 48                 |
| Pioneer 94Y50             | 64.1           | 4.5               | 2                 | 48                 |
| Mershman Phoenix 1245RR2Y | 64.0           | 4.5               | 2                 | 48                 |
| Terrel REV 48R33          | 64.0           | 4.8               | 3                 | 50                 |
| Morsoy Xtra 46X29         | 63.7           | 4.6               | 2                 | 44                 |
| Dairyland DSR-4810/RR     | 63.6           | 4.8               | 3                 | 44                 |
| Delta Grow 4880RR         | 63.4           | 4.8               | 5                 | 44                 |
| Terrel REV 44R22          | 63.4           | 4.4               | 2                 | 42                 |
| Go Soy 4411LL             | 63.3           | 4.4               | 2                 | 46                 |
| Mershman Tucson 1249LL    | 63.2           | 4.9               | 2                 | 44                 |
| US Seeds HALO 4:65        | 63.1           | 4.6               | 3                 | 48                 |
| Hornbeck HBK R4829        | 62.8           | 4.8               | 4                 | 46                 |
| Progeny 4811RY            | 62.8           | 4.8               | 3                 | 39                 |
| Mershman Austin 1142LL    | 62.7           | 4.2               | 3                 | 46                 |
| S08-14117                 | 62.5           | 4.1               | 2                 | 48                 |
| Stoddard                  | 62.5           | 4.9               | 5                 | 33                 |
| Mershman Tampa 1245LL     | 61.8           | 4.5               | 2                 | 41                 |
| USG 74A91                 | 61.7           | 4.9               | 3                 | 52                 |
| MPG 4707NRR/STS           | 61.5           | 4.7               | 2                 | 41                 |
| MorSoy Xtra 49X10         | 61.4           | 4.9               | 3                 | 42                 |
| Mershman Miami 949LL      | 61.3           | 4.9               | 2                 | 48                 |
| Stone 2R4102              | 61.3           | 4.1               | 1                 | 39                 |
| Dyna-Gro 38RY45           | 61.2           | 4.5               | 1                 | 40                 |
| Hornbeck HBK R4830        | 61.1           | 4.8               | 3                 | 52                 |
| Dairyland DSR-8482/RR     | 60.7           | 4.8               | 2                 | 44                 |
| Schillinger 4990.RC       | 60.7           | 4.9               | 3                 | 48                 |
| Delta Grow 4460RR         | 60.5           | 4.4               | 3                 | 46                 |
| Terrel REV 47R22          | 60.3           | 4.7               | 2                 | 48                 |
| S08-14072                 | 60.2           | 4.4               | 2                 | 48                 |

**CHAFFEE, MO (SCOTT COUNTY) - SOUTHEAST REGION SOYBEAN TEST**

| Brand/Variety            | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|--------------------------|----------------|-------------------|-------------------|--------------------|
| AgVenture VPMMaxx 44K4RR | 60.1           | 4.4               | 2                 | 44                 |
| SS 09L49N                | 60.1           | 4.9               | 3                 | 44                 |
| Go Soy 4810LL            | 60.0           | 4.8               | 1                 | 44                 |
| US Seeds HALO 4:75       | 60.0           | 4.7               | 2                 | 54                 |
| Hornbeck HBK R4729       | 59.6           | 4.7               | 2                 | 39                 |
| MorSoy Xtra 48X00        | 59.6           | 4.8               | 3                 | 44                 |
| MPV 4238N                | 59.4           | 4.2               | 1                 | 40                 |
| US Seeds HALO 4:94       | 59.2           | 4.9               | 2                 | 44                 |
| Delta Grow 4861LL        | 59.1           | 4.8               | 2                 | 48                 |
| S08-15072                | 58.7           | 4.1               | 4                 | 45                 |
| Terrel REV 48R22         | 58.4           | 4.8               | 2                 | 41                 |
| S08-4714                 | 58.1           | 4.2               | 1                 | 45                 |
| Delta Grow 4970RR        | 57.7           | 4.9               | 5                 | 50                 |
| AgVenture VPMMaxx 44X1RR | 56.9           | 4.4               | 2                 | 46                 |
| Terrel REV 45R10         | 56.9           | 4.5               | 3                 | 41                 |
| Stone 2R4302             | 56.4           | 4.3               | 2                 | 36                 |
| S08-8467                 | 56.3           | 4.2               | 2                 | 40                 |
| Dairyland DSR-4500/RR    | 55.5           | 4.5               | 2                 | 46                 |
| NK S47-R3 Brand          | 54.8           | 4.7               | 3                 | 44                 |
| Progeny 4928LL           | 54.5           | 4.9               | 2                 | 41                 |
| S07-5049                 | 54.5           | 4.1               | 4                 | 44                 |
| AgVenture VPMMaxx 40A2RR | 53.8           | 4.0               | 3                 | 45                 |
| S08-2014                 | 53.2           | 4.2               | 5                 | 48                 |
| <b>GRAND MEAN</b>        | <b>64.9</b>    |                   | <b>2</b>          | <b>45</b>          |
| <b>LSD (10%)</b>         | <b>6.9</b>     |                   |                   |                    |
| <b>CV (%)</b>            | <b>7.9</b>     |                   |                   |                    |

**\*\*Highest yielding variety within a maturity group in a test.**

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

**MATURITY GROUP 5**

| Brand/Variety    | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|------------------|----------------|-------------------|-------------------|--------------------|
| Progeny 5655RY   | 70.2**         | 5.6               | 2                 | 44                 |
| Terrel REV 51R53 | 68.6*          | 5.1               | 3                 | 44                 |
| Pioneer 95Y10    | 66.9*          | 5.1               | 2                 | 44                 |
| Progeny 5191     | 66.3*          | 5.1               | 3                 | 44                 |
| Dyna-Gro 32RY55  | 64.8*          | 5.5               | 2                 | 43                 |

**CHAFFEE, MO (SCOTT COUNTY) - SOUTHEAST REGION SOYBEAN TEST**

| Brand/Variety             | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------------|----------------|-------------------|-------------------|--------------------|
| Asgrow AG5332             | 64.3*          | 5.3               | 3                 | 46                 |
| Morsoy 5429               | 64.3*          | 5.4               | 3                 | 48                 |
| MPV-C-510N                | 64.3*          | 5.1               | 4                 | 39                 |
| MPG 5505NRR/STS           | 63.7*          | 5.5               | 2                 | 43                 |
| Asgrow AG5632             | 63.5*          | 5.6               | 3                 | 44                 |
| Hornbeck HBK RY5220       | 63.3           | 5.2               | 3                 | 46                 |
| Armor X1217               | 63.1           | 5.4               | 3                 | 39                 |
| Pioneer 95Y50             | 63.0           | 5.5               | 3                 | 41                 |
| Armor 53-R15              | 62.6           | 5.3               | 3                 | 44                 |
| Delta Grow 5565RR2        | 62.6           | 5.5               | 3                 | 39                 |
| Progeny 5610RY            | 62.3           | 5.6               | 2                 | 44                 |
| Armor X1213               | 62.2           | 5.4               | 3                 | 40                 |
| Progeny 5111RY            | 62.2           | 5.1               | 3                 | 42                 |
| Hornbeck HBK C5528        | 61.9           | 5.5               | 3                 | 46                 |
| Morsoy Xtra 54X41         | 61.5           | 5.4               | 3                 | 42                 |
| Morsoy Xtra 51X31         | 61.4           | 5.1               | 3                 | 38                 |
| SS 12L.50N                | 61.2           | 5.0               | 3                 | 42                 |
| Morsoy 5168               | 61.1           | 5.1               | 3                 | 45                 |
| eMerge 5110               | 61.0           | 5.1               | 2                 | 44                 |
| Asgrow AG5532             | 60.3           | 5.5               | 3                 | 42                 |
| Hornbeck HBK R5525        | 60.3           | 5.5               | 4                 | 46                 |
| Mershman Everest 1251RR2Y | 60.3           | 5.1               | 4                 | 41                 |
| SS 10L.51N                | 60.3           | 5.1               | 3                 | 35                 |
| Armor X1218               | 60.2           | 5.5               | 3                 | 39                 |
| Progeny 5330RR            | 60.2           | 5.3               | 4                 | 44                 |
| Progeny 5210RY            | 60.1           | 5.2               | 3                 | 39                 |
| Delta Grow 5461LL         | 59.5           | 5.4               | 3                 | 44                 |
| Progeny 5460LL            | 59.4           | 5.4               | 2                 | 45                 |
| Armor X1215               | 59.2           | 5.5               | 3                 | 44                 |
| Osage                     | 59.2           | 5.6               | 2                 | 36                 |
| MorSoy CB 5209            | 59.0           | 5.2               | 4                 | 46                 |
| Pioneer 95Y40             | 58.7           | 5.4               | 4                 | 41                 |
| Dyna-Gro 37RY52           | 58.6           | 5.2               | 3                 | 39                 |
| Mershman Whitney 1154LL   | 58.6           | 5.4               | 4                 | 46                 |
| Pioneer 95Y01             | 58.3           | 5.0               | 3                 | 41                 |
| Hornbeck HBK RY5521       | 58.1           | 5.5               | 4                 | 39                 |
| JTN-5203                  | 57.9           | 5.3               | 3                 | 36                 |
| Mershman Hood 1150LL      | 57.9           | 5.0               | 2                 | 41                 |
| Progeny 5770              | 57.7           | 5.7               | 4                 | 41                 |
| Armor X1255               | 57.6           | 5.5               | 3                 | 44                 |

**CHAFFEE, MO (SCOTT COUNTY) - SOUTHEAST REGION SOYBEAN TEST**

| Brand/Variety           | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|-------------------------|----------------|-------------------|-------------------|--------------------|
| Asgrow AG5232           | 57.3           | 5.2               | 4                 | 39                 |
| Delta Grow 5555RR       | 57.3           | 5.5               | 4                 | 41                 |
| Jake                    | 57.3           | 5.4               | 4                 | 38                 |
| Delta Grow 5275RR2      | 57.1           | 5.2               | 3                 | 41                 |
| Dyna-Gro 35P53          | 57.1           | 5.3               | 5                 | 44                 |
| Glenn                   | 56.9           | 5.5               | 4                 | 36                 |
| Armor X1216             | 56.8           | 5.5               | 3                 | 42                 |
| Delta Grow 5625RR2      | 56.8           | 5.6               | 3                 | 42                 |
| Delta Grow 5160RR/STS   | 56.7           | 5.1               | 3                 | 46                 |
| Schillinger 557.RC      | 56.7           | 5.5               | 3                 | 43                 |
| Delta Grow 5110RR2 EXP  | 56.6           | 5.1               | 3                 | 52                 |
| Pioneer 95Y31           | 56.6           | 5.3               | 5                 | 44                 |
| Progeny 5811RY          | 56.5           | 5.8               | 2                 | 41                 |
| US Seeds HALO 5:25      | 56.5           | 5.2               | 3                 | 36                 |
| Progeny 5960LL          | 56.1           | 5.9               | 2                 | 46                 |
| Hornbeck HBK R5529      | 56.0           | 5.5               | 3                 | 41                 |
| Progeny 5261LL          | 55.9           | 5.2               | 3                 | 42                 |
| Progeny 5711RY          | 55.9           | 5.7               | 3                 | 46                 |
| US Seeds HALO 5:65      | 55.3           | 5.6               | 3                 | 41                 |
| Armor X1253             | 55.2           | 5.2               | 4                 | 42                 |
| R04-357                 | 55.0           | 5.7               | 5                 | 39                 |
| Mershman Denali 1252LL  | 54.8           | 5.2               | 4                 | 46                 |
| Mershman Olympus 1051LL | 54.5           | 5.1               | 2                 | 35                 |
| Delta Grow 5280RR       | 53.8           | 5.2               | 5                 | 41                 |
| Hornbeck HBK RY5421     | 53.8           | 5.4               | 3                 | 44                 |
| Progeny 5321RY          | 53.1           | 5.3               | 3                 | 50                 |
| Delta Grow 5300RR/STS   | 52.0           | 5.3               | 4                 | 41                 |
| Progeny 5160LL          | 51.6           | 5.1               | 3                 | 36                 |
| V04-1022                | 51.5           | 5.0               | 3                 | 36                 |
| Go Soy 5111LL           | 50.5           | 5.1               | 3                 | 42                 |
| Terrel REV 55R21        | 50.3           | 5.5               | 3                 | 41                 |
| Delta Grow 5545RR       | 50.2           | 5.5               | 3                 | 38                 |
| V03-3650                | 50.1           | 5.3               | 3                 | 41                 |
| Morsoy Xtra 53X51       | 49.6           | 5.3               | 4                 | 42                 |
| Delta King DK 5363      | 49.1           | 5.3               | 4                 | 46                 |
| Hornbeck HBK R5226      | 49.1           | 5.2               | 5                 | 39                 |
| <b>GRAND MEAN</b>       | <b>58.8</b>    |                   | <b>3</b>          | <b>42</b>          |
| <b>LSD (10%)</b>        | <b>6.7</b>     |                   |                   |                    |
| <b>CV (%)</b>           | <b>8.5</b>     |                   |                   |                    |

**\*\*Highest yielding variety within a maturity group in a test.**

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

## MOREHOUSE, MO (NEW MADRID COUNTY) - SOUTHEAST REGION

### MATURITY GROUP 3

| Brand/Variety            | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|--------------------------|----------------|-------------------|-------------------|--------------------|
| AgVenture VPMMaxx 38X1RR | 79.4**         | 3.8               | 1                 | 43                 |
| Progeny 3911RY           | 78.6*          | 3.9               | 1                 | 41                 |
| Dairyland DSR-3805/R2Y   | 77.9*          | 3.8               | 3                 | 34                 |
| NK S39-U2 Brand          | 72.8           | 3.9               | 3                 | 38                 |
| AgVenture 38T8NRR/STS    | 71.2           | 3.8               | 2                 | 38                 |
| <b>GRAND MEAN</b>        | <b>76.4</b>    |                   | <b>2</b>          | <b>39</b>          |
| <b>LSD (10%)</b>         | <b>4.8</b>     |                   |                   |                    |
| <b>CV (%)</b>            | <b>4.8</b>     |                   |                   |                    |

\*\*Highest yielding variety within a maturity group in a test.

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

### MATURITY GROUP 4

| Brand/Variety             | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------------|----------------|-------------------|-------------------|--------------------|
| Terrel REV 48R33          | 81.6**         | 4.8               | 2                 | 46                 |
| Dyna-Gro 37RY47           | 80.1*          | 4.7               | 2                 | 41                 |
| Stone 2R4500STS           | 79.7*          | 4.5               | 2                 | 48                 |
| Armor X1247               | 78.8*          | 4.7               | 2                 | 44                 |
| Mershman Tampa 1245LL     | 78.8*          | 4.5               | 2                 | 44                 |
| Stone 2R4302              | 78.8*          | 4.3               | 2                 | 41                 |
| Armor X1209               | 78.5*          | 4.7               | 2                 | 54                 |
| Armor X1204               | 78.2*          | 4.4               | 2                 | 44                 |
| AgVenture 47G7NRR/STS     | 78.1*          | 4.7               | 1                 | 46                 |
| Stone 2R4402              | 78.0*          | 4.4               | 2                 | 39                 |
| Mershman Memphis 1243RR2Y | 77.8*          | 4.3               | 2                 | 41                 |
| Mershman Phoenix 1245RR2Y | 77.8*          | 4.5               | 2                 | 46                 |
| US Seeds HALO 4:65        | 76.5*          | 4.6               | 2                 | 41                 |
| Terrel REV 48R21          | 76.3*          | 4.8               | 2                 | 46                 |
| Mershman Atlanta 1047RR2Y | 76.1*          | 4.7               | 2                 | 41                 |
| Pfister 45R23             | 76.1*          | 4.5               | 2                 | 48                 |
| Armor X1206               | 76.0*          | 4.4               | 2                 | 42                 |
| Armor 48-R40              | 75.9*          | 4.7               | 2                 | 41                 |
| Mershman Austin 1142LL    | 75.9*          | 4.2               | 2                 | 48                 |
| Schillinger 4990.RC       | 75.6*          | 4.9               | 3                 | 46                 |
| Go Soy 4411LL             | 75.4*          | 4.4               | 2                 | 46                 |
| Mershman Orlando 1246LL   | 75.4*          | 4.6               | 1                 | 44                 |
| USG 74A79R                | 75.2           | 4.7               | 2                 | 46                 |
| Armor X1205               | 75.0           | 4.4               | 1                 | 44                 |
| Terrel REV 48R22          | 75.0           | 4.8               | 3                 | 46                 |

**MOREHOUSE, MO (NEW MADRID COUNTY) - SOUTHEAST REGION SOYBEAN TEST**

| Brand/Variety            | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|--------------------------|----------------|-------------------|-------------------|--------------------|
| Pfister 47R24            | 74.8           | 4.7               | 2                 | 51                 |
| Progeny 4510RY           | 74.7           | 4.5               | 2                 | 45                 |
| Terrel REV 48R10         | 74.5           | 4.8               | 2                 | 44                 |
| Dyna-Gro 38RY45          | 74.3           | 4.5               | 1                 | 36                 |
| Hornbeck HBK RY4620      | 74.3           | 4.6               | 2                 | 48                 |
| Progeny 4211RY           | 74.2           | 4.2               | 2                 | 38                 |
| Pioneer 94Y40            | 74.0           | 4.4               | 2                 | 41                 |
| Terrel REV 47R22         | 74.0           | 4.7               | 2                 | 48                 |
| Pioneer 94Y61            | 73.9           | 4.6               | 1                 | 48                 |
| NK S47-R3 Brand          | 73.8           | 4.7               | 3                 | 46                 |
| Pioneer 94Y70            | 73.6           | 4.7               | 2                 | 48                 |
| Delta King DKR4744       | 73.4           | 4.7               | 2                 | 39                 |
| Pioneer 94Y81            | 73.4           | 4.8               | 2                 | 46                 |
| Delta Grow 4670RR2       | 73.3           | 4.6               | 2                 | 44                 |
| Delta Grow 4970RR        | 73.3           | 4.9               | 3                 | 42                 |
| S08-17361                | 73.3           | 4.9               | 2                 | 46                 |
| Pioneer 94Y91            | 73.2           | 4.9               | 2                 | 48                 |
| Terrel REV 49R22         | 73.1           | 4.9               | 2                 | 46                 |
| Dyna-Gro 39RY43          | 72.9           | 4.3               | 2                 | 44                 |
| MorSoy Xtra 49X10        | 72.9           | 4.9               | 3                 | 44                 |
| Schillinger 495.RC       | 72.9           | 4.9               | 3                 | 48                 |
| Mershman Tucson 1249LL   | 72.8           | 4.9               | 2                 | 46                 |
| Progeny 4611RY           | 72.8           | 4.6               | 2                 | 46                 |
| Stone 2R4702             | 72.8           | 4.7               | 2                 | 52                 |
| Morsoy Xtra 46X71        | 72.7           | 4.6               | 2                 | 46                 |
| Armor X1211              | 72.6           | 4.9               | 3                 | 41                 |
| Pioneer 94Y50            | 72.6           | 4.5               | 2                 | 46                 |
| NK S49-A5 Brand          | 72.4           | 4.9               | 2                 | 51                 |
| Schillinger 458.RCS      | 72.4           | 4.6               | 2                 | 41                 |
| Hornbeck HBK RY4721      | 72.2           | 4.7               | 2                 | 46                 |
| AgVenture VPMMaxx 44X1RR | 72.1           | 4.4               | 3                 | 45                 |
| Asgrow AG4932            | 72.0           | 4.9               | 2                 | 50                 |
| Mershman Tulsa 1245LL    | 72.0           | 4.5               | 2                 | 43                 |
| Morsoy 4955              | 72.0           | 4.9               | 2                 | 48                 |
| Morsoy Xtra 46X29        | 71.9           | 4.6               | 2                 | 41                 |
| Terrel REV 45R10         | 71.8           | 4.5               | 3                 | 50                 |
| Asgrow AG4732            | 71.7           | 4.7               | 2                 | 48                 |
| Progeny 4750RR           | 71.5           | 4.7               | 2                 | 42                 |
| Dairyland DST 45-001/R2Y | 71.4           | 4.5               | 2                 | 46                 |
| Hornbeck HBK R4924       | 71.4           | 4.9               | 3                 | 54                 |

**MOREHOUSE, MO (NEW MADRID COUNTY) - SOUTHEAST REGION SOYBEAN TEST**

| Brand/Variety             | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------------|----------------|-------------------|-------------------|--------------------|
| Terrel REV 49R43          | 71.4           | 4.9               | 2                 | 48                 |
| MPV 4238N                 | 71.3           | 4.2               | 2                 | 43                 |
| Armor X1208               | 71.2           | 4.7               | 2                 | 48                 |
| Stone 2R4102              | 71.2           | 4.1               | 1                 | 36                 |
| AgVenture VPMMaxx 44K4RR  | 71.1           | 4.4               | 2                 | 46                 |
| Delta Grow 4880RR         | 71.0           | 4.8               | 2                 | 44                 |
| Dyna-Gro 31RY45           | 70.9           | 4.5               | 2                 | 46                 |
| MorSoy Xtra 48X00         | 70.9           | 4.8               | 3                 | 44                 |
| Dairyland DSR-4300/RR     | 70.8           | 4.3               | 2                 | 44                 |
| Pioneer 94Y82             | 70.8           | 4.8               | 2                 | 41                 |
| Progeny 4710RY            | 70.8           | 4.7               | 1                 | 43                 |
| S08-14117                 | 70.8           | 4.1               | 2                 | 44                 |
| Mershman Houston 747RR    | 70.7           | 4.7               | 1                 | 44                 |
| MorSoy Xtra 47X31         | 70.6           | 4.7               | 2                 | 48                 |
| AgVenture VPMMaxx 49X1RR  | 70.4           | 4.9               | 2                 | 42                 |
| eMerge 4920S              | 70.4           | 4.9               | 2                 | 48                 |
| Terrel REV 44R22          | 70.4           | 4.4               | 2                 | 44                 |
| Terrel REV 47R53          | 70.4           | 4.7               | 2                 | 44                 |
| AgVenture VPMMaxx 47A3NRR | 70.3           | 4.7               | 2                 | 50                 |
| NK S44-D5 Brand           | 70.3           | 4.4               | 2                 | 41                 |
| AgVenture VPMMaxx 49C9RR  | 70.2           | 4.9               | 2                 | 47                 |
| Mershman Nashville 749RR  | 70.2           | 4.9               | 1                 | 41                 |
| Progeny 4911RY            | 70.2           | 4.9               | 2                 | 60                 |
| Schillinger 478.RCS       | 70.2           | 4.7               | 2                 | 41                 |
| UA 4910                   | 69.9           | 4.9               | 2                 | 44                 |
| Dairyland DST 45-002/R2Y  | 69.8           | 4.5               | 2                 | 46                 |
| Mershman Miami 949LL      | 69.8           | 4.9               | 2                 | 48                 |
| Stone 2R4201              | 69.7           | 4.2               | 2                 | 44                 |
| Delta Grow 4460RR         | 69.6           | 4.4               | 3                 | 44                 |
| MPG 4707NRR/STS           | 69.5           | 4.7               | 1                 | 42                 |
| Progeny 4807RR            | 69.5           | 4.8               | 2                 | 47                 |
| US Seeds HALO 4:94        | 69.5           | 4.9               | 2                 | 50                 |
| Mershman Macon 1249LL     | 69.4           | 4.9               | 3                 | 57                 |
| Dairyland DSR-8482/RR     | 69.3           | 4.8               | 2                 | 51                 |
| Dyna-Gro 33G48            | 69.2           | 4.8               | 3                 | 44                 |
| eMerge 4510S              | 69.2           | 4.5               | 2                 | 46                 |
| NK S46-A1 Brand           | 69.0           | 4.6               | 1                 | 44                 |
| Terrel REV 49R11          | 68.9           | 4.9               | 2                 | 44                 |
| Progeny 4811RY            | 68.7           | 4.8               | 2                 | 50                 |
| Delta Grow 4975RR         | 68.5           | 4.9               | 2                 | 46                 |

**MOREHOUSE, MO (NEW MADRID COUNTY) - SOUTHEAST REGION SOYBEAN TEST**

| Brand/Variety            | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|--------------------------|----------------|-------------------|-------------------|--------------------|
| Armor X1210              | 68.4           | 4.8               | 3                 | 48                 |
| S08-2014                 | 68.2           | 4.2               | 3                 | 54                 |
| AgVenture VPMMaxx 40A2RR | 67.9           | 4.0               | 2                 | 44                 |
| Delta Grow 4875RR2       | 67.9           | 4.8               | 1                 | 50                 |
| Progeny 4910             | 67.8           | 4.9               | 3                 | 45                 |
| Dairyland DST 47-002/R2Y | 67.7           | 4.7               | 2                 | 52                 |
| Hornbeck HBK R4829       | 67.7           | 4.8               | 3                 | 46                 |
| S08-14072                | 67.7           | 4.4               | 2                 | 48                 |
| US Seeds HALO 4:75       | 67.2           | 4.7               | 1                 | 50                 |
| Morsoy 4707              | 67.1           | 4.7               | 2                 | 48                 |
| SS 09L.49N               | 67.0           | 4.9               | 2                 | 46                 |
| Dairyland DSR-4810/RR    | 66.9           | 4.8               | 2                 | 44                 |
| Progeny 4906RR           | 66.9           | 4.9               | 2                 | 50                 |
| S08-4714                 | 66.8           | 4.2               | 3                 | 46                 |
| S08-14087                | 66.7           | 4.6               | 2                 | 50                 |
| S07-5049                 | 66.6           | 4.1               | 3                 | 44                 |
| Hornbeck HBK R4830       | 66.2           | 4.8               | 2                 | 54                 |
| USG 74G78                | 65.1           | 4.7               | 2                 | 41                 |
| Hornbeck HBK R4729       | 64.7           | 4.7               | 2                 | 39                 |
| S08-15072                | 64.7           | 4.1               | 3                 | 44                 |
| Delta Grow 4861LL        | 63.6           | 4.8               | 1                 | 50                 |
| Dairyland DSR-4500/RR    | 63.4           | 4.5               | 2                 | 41                 |
| Stoddard                 | 63.0           | 4.9               | 2                 | 30                 |
| USG 74A91                | 62.6           | 4.9               | 3                 | 50                 |
| Morsoy CB 4860           | 62.1           | 4.8               | 2                 | 50                 |
| Go Soy 4810LL            | 61.8           | 4.8               | 2                 | 48                 |
| Progeny 4928LL           | 61.7           | 4.9               | 2                 | 46                 |
| S08-8467                 | 61.4           | 4.2               | 2                 | 46                 |
| <b>GRAND MEAN</b>        | <b>71.5</b>    |                   | <b>2</b>          | <b>46</b>          |
| <b>LSD (10%)</b>         | <b>6.3</b>     |                   |                   |                    |
| <b>CV (%)</b>            | <b>6.5</b>     |                   |                   |                    |

**MATURITY GROUP 5**

| Brand/Variety      | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|--------------------|----------------|-------------------|-------------------|--------------------|
| Pioneer 95Y50      | 85.1**         | 5.5               | 2                 | 45                 |
| Progeny 5711RY     | 81.1*          | 5.7               | 4                 | 39                 |
| US Seeds HALO 5:25 | 80.8*          | 5.2               | 2                 | 34                 |
| Asgrow AG5332      | 79.6*          | 5.3               | 2                 | 46                 |
| Morsoy Xtra 54X41  | 78.6*          | 5.4               | 2                 | 40                 |

**MOREHOUSE, MO (NEW MADRID COUNTY) - SOUTHEAST REGION SOYBEAN TEST**

| Brand/Variety             | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------------|----------------|-------------------|-------------------|--------------------|
| Armor X1255               | 78.0*          | 5.5               | 1                 | 37                 |
| Delta Grow 5625RR2        | 77.8*          | 5.6               | 3                 | 37                 |
| Progeny 5610RY            | 77.1           | 5.6               | 2                 | 39                 |
| Pioneer 95Y10             | 76.7           | 5.1               | 1                 | 50                 |
| Progeny 5655RY            | 76.0           | 5.6               | 2                 | 39                 |
| Pioneer 95Y31             | 75.7           | 5.3               | 3                 | 41                 |
| Terrel REV 51R53          | 75.6           | 5.1               | 2                 | 46                 |
| Delta Grow 5275RR2        | 75.4           | 5.2               | 2                 | 41                 |
| Delta Grow 5160RR/STS     | 75.0           | 5.1               | 3                 | 41                 |
| Progeny 5111RY            | 74.6           | 5.1               | 2                 | 41                 |
| Asgrow AG5532             | 74.5           | 5.5               | 2                 | 44                 |
| Glenn                     | 74.5           | 5.5               | 4                 | 33                 |
| Dyna-Gro 32RY55           | 74.3           | 5.5               | 2                 | 36                 |
| Asgrow AG5232             | 74.0           | 5.2               | 3                 | 30                 |
| Armor X1215               | 73.5           | 5.5               | 2                 | 41                 |
| Mershman Everest 1251RR2Y | 73.3           | 5.1               | 1                 | 38                 |
| Armor X1217               | 73.1           | 5.4               | 2                 | 36                 |
| Morsoy 5429               | 72.9           | 5.4               | 2                 | 41                 |
| JTN-5203                  | 72.5           | 5.3               | 2                 | 40                 |
| Dyna-Gro 37RY52           | 72.3           | 5.2               | 2                 | 41                 |
| Progeny 5770              | 71.9           | 5.7               | 3                 | 36                 |
| Armor X1216               | 71.7           | 5.5               | 3                 | 39                 |
| Progeny 5160LL            | 71.7           | 5.1               | 2                 | 33                 |
| Pioneer 95Y01             | 71.4           | 5.0               | 2                 | 46                 |
| Delta Grow 5565RR2        | 71.0           | 5.5               | 2                 | 38                 |
| Mershman Olympus 1051LL   | 70.7           | 5.1               | 1                 | 33                 |
| Morsoy 5168               | 70.7           | 5.1               | 2                 | 46                 |
| Morsoy Xtra 51X31         | 70.6           | 5.1               | 2                 | 36                 |
| Mershman Denali 1252LL    | 70.5           | 5.2               | 2                 | 44                 |
| Armor X1218               | 70.2           | 5.5               | 2                 | 37                 |
| MorSoy CB 5209            | 70.1           | 5.2               | 2                 | 46                 |
| Schillinger 557.RC        | 70.0           | 5.5               | 1                 | 39                 |
| Progeny 5210RY            | 69.9           | 5.2               | 1                 | 39                 |
| Delta Grow 5110RR2 EXP    | 69.7           | 5.1               | 3                 | 52                 |
| SS 10L.51N                | 69.7           | 5.1               | 1                 | 42                 |
| Delta Grow 5300RR/STS     | 69.6           | 5.3               | 1                 | 41                 |
| Hornbeck HBK R5525        | 69.2           | 5.5               | 2                 | 41                 |
| Armor 53-R15              | 69.1           | 5.3               | 2                 | 36                 |
| Progeny 5960LL            | 68.9           | 5.9               | 2                 | 44                 |
| Armor X1213               | 68.4           | 5.4               | 3                 | 34                 |

**MOREHOUSE, MO (NEW MADRID COUNTY) - SOUTHEAST REGION SOYBEAN TEST**

| Brand/Variety           | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|-------------------------|----------------|-------------------|-------------------|--------------------|
| Progeny 5321RY          | 68.3           | 5.3               | 2                 | 54                 |
| V03-3650                | 68.1           | 5.3               | 3                 | 33                 |
| Go Soy 5111LL           | 68.0           | 5.1               | 2                 | 37                 |
| Hornbeck HBK R5226      | 67.6           | 5.2               | 3                 | 41                 |
| Mershman Whitney 1154LL | 67.5           | 5.4               | 2                 | 48                 |
| Progeny 5330RR          | 67.3           | 5.3               | 2                 | 44                 |
| SS 12L.50N              | 67.0           | 5.0               | 2                 | 44                 |
| Morsoy Xtra 53X51       | 66.7           | 5.3               | 3                 | 44                 |
| Progeny 5811RY          | 66.6           | 5.8               | 2                 | 39                 |
| MPG 5505NRR/STS         | 66.4           | 5.5               | 2                 | 41                 |
| Progeny 5191            | 66.4           | 5.1               | 3                 | 39                 |
| Hornbeck HBK C5528      | 66.1           | 5.5               | 1                 | 40                 |
| eMerge 5110             | 65.9           | 5.1               | 2                 | 44                 |
| Hornbeck HBK R5529      | 65.9           | 5.5               | 2                 | 33                 |
| Asgrow AG5632           | 65.8           | 5.6               | 1                 | 41                 |
| Hornbeck HBK RY5421     | 65.7           | 5.4               | 3                 | 39                 |
| Osage                   | 65.4           | 5.6               | 1                 | 41                 |
| Pioneer 95Y40           | 65.1           | 5.4               | 2                 | 34                 |
| Terrel REV 55R21        | 65.0           | 5.5               | 2                 | 44                 |
| Jake                    | 64.9           | 5.4               | 2                 | 33                 |
| R04-357                 | 64.7           | 5.7               | 3                 | 36                 |
| Hornbeck HBK RY5220     | 64.6           | 5.2               | 2                 | 36                 |
| Armor X1253             | 64.4           | 5.2               | 3                 | 33                 |
| Mershman Hood 1150LL    | 64.1           | 5.0               | 1                 | 36                 |
| Hornbeck HBK RY5521     | 63.9           | 5.5               | 3                 | 33                 |
| Dyna-Gro 35P53          | 63.7           | 5.3               | 3                 | 44                 |
| US Seeds HALO 5:65      | 62.3           | 5.6               | 2                 | 41                 |
| Progeny 5460LL          | 62.2           | 5.4               | 1                 | 41                 |
| Delta Grow 5280RR       | 61.6           | 5.2               | 3                 | 35                 |
| Delta Grow 5545RR       | 60.6           | 5.5               | 3                 | 33                 |
| Delta Grow 5461LL       | 60.2           | 5.4               | 1                 | 43                 |
| Delta King DK 5363      | 59.7           | 5.3               | 4                 | 38                 |
| Delta Grow 5555RR       | 59.6           | 5.5               | 2                 | 37                 |
| MPV-C-510N              | 59.6           | 5.1               | 4                 | 36                 |
| Progeny 5261LL          | 58.6           | 5.2               | 2                 | 41                 |
| V04-1022                | 57.3           | 5.0               | 1                 | 35                 |
| <b>GRAND MEAN</b>       | <b>69.1</b>    |                   | <b>2</b>          | <b>40</b>          |
| <b>LSD (10%)</b>        | <b>7.5</b>     |                   |                   |                    |
| <b>CV (%)</b>           | <b>8.2</b>     |                   |                   |                    |

**\*\*Highest yielding variety within a maturity group in a test.**

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

# PORTAGEVILLE, MO CLAY (PEMISCOT COUNTY) - SOUTHEAST REGION

## MATURITY GROUP 3

| Brand/Variety            | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|--------------------------|----------------|-------------------|-------------------|--------------------|
| AgVenture VPMMaxx 38X1RR | 68.1**         | 3.8               | 2                 | 32                 |
| AgVenture 38T8NRR/STS    | 66.3*          | 3.8               | 2                 | 31                 |
| NK S39-U2 Brand          | 65.3*          | 3.9               | 2                 | 33                 |
| Dairyland DSR-3805/R2Y   | 64.8*          | 3.8               | 2                 | 35                 |
| Progeny 3911RY           | 63.4           | 3.9               | 1                 | 32                 |
| <b>GRAND MEAN</b>        | <b>66.1</b>    |                   | <b>2</b>          | <b>33</b>          |
| <b>LSD (10%)</b>         | <b>5.2</b>     |                   |                   |                    |
| <b>CV (%)</b>            | <b>6.3</b>     |                   |                   |                    |

\*\*Highest yielding variety within a maturity group in a test.

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

## MATURITY GROUP 4

| Brand/Variety             | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------------|----------------|-------------------|-------------------|--------------------|
| Progeny 4510RY            | 80.1**         | 4.5               | 2                 | 38                 |
| S08-17361                 | 79.3*          | 4.9               | 3                 | 41                 |
| Stone 2R4500STS           | 77.6*          | 4.5               | 2                 | 36                 |
| USG 74A79R                | 75.9*          | 4.7               | 2                 | 36                 |
| Armor X1247               | 75.3*          | 4.7               | 1                 | 36                 |
| AgVenture 47G7NRR/STS     | 75.1*          | 4.7               | 1                 | 37                 |
| Progeny 4710RY            | 74.4*          | 4.7               | 2                 | 33                 |
| Dyna-Gro 31RY45           | 73.7           | 4.5               | 2                 | 39                 |
| Dyna-Gro 37RY47           | 73.7           | 4.7               | 2                 | 36                 |
| AgVenture VPMMaxx 47A3NRR | 73.3           | 4.7               | 2                 | 41                 |
| S08-14087                 | 73.3           | 4.6               | 2                 | 44                 |
| Armor X1209               | 73.1           | 4.7               | 2                 | 41                 |
| Dairyland DST 45-001/R2Y  | 73.1           | 4.5               | 2                 | 41                 |
| Mershman Atlanta 1047RR2Y | 72.9           | 4.7               | 2                 | 36                 |
| Morsoy CB 4860            | 72.7           | 4.8               | 3                 | 46                 |
| AgVenture VPMMaxx 44X1RR  | 72.4           | 4.4               | 2                 | 41                 |
| Armor X1204               | 72.4           | 4.4               | 2                 | 33                 |
| Morsoy 4955               | 72.0           | 4.9               | 2                 | 41                 |
| S08-14072                 | 71.7           | 4.4               | 2                 | 41                 |
| Dairyland DSR-4810/RR     | 71.5           | 4.8               | 2                 | 39                 |
| USG 74A91                 | 71.5           | 4.9               | 1                 | 44                 |
| Pioneer 94Y70             | 71.2           | 4.7               | 2                 | 41                 |
| Progeny 4807RR            | 71.2           | 4.8               | 3                 | 39                 |
| Delta Grow 4880RR         | 71.0           | 4.8               | 3                 | 44                 |
| Mershman Tampa 1245LL     | 70.8           | 4.5               | 2                 | 39                 |

**PORTAGEVILLE, MO CLAY (PEMISCOT COUNTY) - SOUTHEAST REGION SOYBEAN TEST**

| Brand/Variety             | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------------|----------------|-------------------|-------------------|--------------------|
| Armor 48-R40              | 70.7           | 4.7               | 1                 | 39                 |
| Progeny 4906RR            | 70.7           | 4.9               | 2                 | 44                 |
| Asgrow AG4932             | 70.5           | 4.9               | 3                 | 44                 |
| Pioneer 94Y82             | 70.5           | 4.8               | 2                 | 39                 |
| Armor X1210               | 70.4           | 4.8               | 3                 | 41                 |
| Progeny 4211RY            | 70.4           | 4.2               | 1                 | 38                 |
| Delta Grow 4970RR         | 70.2           | 4.9               | 2                 | 45                 |
| Hornbeck HBK R4829        | 70.2           | 4.8               | 2                 | 41                 |
| NK S44-D5 Brand           | 70.2           | 4.4               | 2                 | 39                 |
| Pioneer 94Y91             | 70.2           | 4.9               | 3                 | 36                 |
| Progeny 4910              | 70.2           | 4.9               | 2                 | 44                 |
| Terrel REV 48R33          | 70.2           | 4.8               | 2                 | 42                 |
| US Seeds HALO 4:65        | 70.2           | 4.6               | 2                 | 41                 |
| Dyna-Gro 39RY43           | 70.1           | 4.3               | 1                 | 39                 |
| Schillinger 478.RCS       | 69.9           | 4.7               | 2                 | 39                 |
| Morsoy Xtra 46X29         | 69.8           | 4.6               | 2                 | 35                 |
| Pioneer 94Y50             | 69.8           | 4.5               | 2                 | 44                 |
| Stone 2R4402              | 69.8           | 4.4               | 2                 | 40                 |
| Go Soy 4411LL             | 69.7           | 4.4               | 2                 | 41                 |
| Morsoy Xtra 46X71         | 69.6           | 4.6               | 2                 | 44                 |
| Pioneer 94Y61             | 69.6           | 4.6               | 1                 | 39                 |
| Delta King DKR4744        | 69.5           | 4.7               | 2                 | 41                 |
| eMerge 4920S              | 69.5           | 4.9               | 2                 | 41                 |
| AgVenture VPM maxx 40A2RR | 69.4           | 4.0               | 2                 | 39                 |
| AgVenture VPM maxx 44K4RR | 69.4           | 4.4               | 2                 | 39                 |
| AgVenture VPM maxx 49C9RR | 69.4           | 4.9               | 1                 | 44                 |
| Schillinger 495.RC        | 69.4           | 4.9               | 2                 | 41                 |
| Progeny 4750RR            | 69.3           | 4.7               | 3                 | 41                 |
| S08-14117                 | 69.3           | 4.1               | 2                 | 36                 |
| eMerge 4510S              | 69.1           | 4.5               | 1                 | 33                 |
| Mershman Tucson 1249LL    | 69.1           | 4.9               | 2                 | 44                 |
| Terrel REV 48R22          | 69.1           | 4.8               | 2                 | 38                 |
| Mershman Phoenix 1245RR2Y | 69.0           | 4.5               | 2                 | 39                 |
| Terrel REV 48R10          | 69.0           | 4.8               | 2                 | 41                 |
| Armor X1208               | 68.9           | 4.7               | 2                 | 40                 |
| Asgrow AG4732             | 68.9           | 4.7               | 2                 | 50                 |
| Pioneer 94Y40             | 68.9           | 4.4               | 1                 | 36                 |
| Stone 2R4302              | 68.9           | 4.3               | 2                 | 42                 |
| Terrel REV 44R22          | 68.9           | 4.4               | 1                 | 38                 |
| Dairyland DSR-4300/RR     | 68.8           | 4.3               | 2                 | 33                 |

**PORTAGEVILLE, MO CLAY (PEMISCOT COUNTY) - SOUTHEAST REGION SOYBEAN TEST**

| Brand/Variety             | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------------|----------------|-------------------|-------------------|--------------------|
| Mershman Miami 949LL      | 68.6           | 4.9               | 3                 | 39                 |
| NK S47-R3 Brand           | 68.5           | 4.7               | 3                 | 46                 |
| Mershman Memphis 1243RR2Y | 68.4           | 4.3               | 2                 | 35                 |
| Terrel REV 47R53          | 68.4           | 4.7               | 3                 | 38                 |
| Pfister 45R23             | 68.3           | 4.5               | 1                 | 36                 |
| Terrel REV 48R21          | 68.2           | 4.8               | 3                 | 41                 |
| Terrel REV 49R22          | 68.2           | 4.9               | 3                 | 36                 |
| Aarmor X1205              | 68.1           | 4.4               | 1                 | 37                 |
| Dairyland DST 45-002/R2Y  | 68.1           | 4.5               | 2                 | 41                 |
| Mershman Orlando 1246LL   | 68.1           | 4.6               | 1                 | 40                 |
| S08-2014                  | 68.0           | 4.2               | 3                 | 41                 |
| Stone 2R4702              | 67.9           | 4.7               | 2                 | 44                 |
| Terrel REV 49R11          | 67.8           | 4.9               | 2                 | 36                 |
| Delta Grow 4460RR         | 67.7           | 4.4               | 2                 | 46                 |
| Aarmor X1206              | 67.6           | 4.4               | 3                 | 36                 |
| Dyna-Gro 33G48            | 67.6           | 4.8               | 2                 | 44                 |
| Progeny 4611RY            | 67.6           | 4.6               | 2                 | 37                 |
| Terrel REV 49R43          | 67.6           | 4.9               | 3                 | 38                 |
| S07-5049                  | 67.5           | 4.1               | 3                 | 39                 |
| Delta Grow 4975RR         | 67.4           | 4.9               | 2                 | 41                 |
| Hornbeck HBK RY4721       | 67.4           | 4.7               | 2                 | 41                 |
| MorSoy Xtra 47X31         | 67.3           | 4.7               | 1                 | 39                 |
| Pioneer 94Y81             | 67.3           | 4.8               | 2                 | 36                 |
| US Seeds HALO 4:75        | 67.0           | 4.7               | 2                 | 48                 |
| MorSoy 4707               | 66.9           | 4.7               | 2                 | 44                 |
| MorSoy Xtra 49X10         | 66.9           | 4.9               | 2                 | 36                 |
| Dairyland DST 47-002/R2Y  | 66.8           | 4.7               | 1                 | 46                 |
| Mershman Austin 1142LL    | 66.8           | 4.2               | 3                 | 41                 |
| Terrel REV 45R10          | 66.7           | 4.5               | 2                 | 41                 |
| Mershman Houston 747RR    | 66.6           | 4.7               | 1                 | 33                 |
| US Seeds HALO 4:94        | 66.6           | 4.9               | 3                 | 39                 |
| Mershman Macon 1249LL     | 66.4           | 4.9               | 2                 | 50                 |
| NK S49-A5 Brand           | 66.3           | 4.9               | 2                 | 46                 |
| Progeny 4811RY            | 66.3           | 4.8               | 2                 | 41                 |
| MPV 4238N                 | 66.2           | 4.2               | 1                 | 38                 |
| USG 74G78                 | 66.2           | 4.7               | 1                 | 36                 |
| MPG 4707NRR/STS           | 66.1           | 4.7               | 2                 | 37                 |
| Dyna-Gro 38RY45           | 65.9           | 4.5               | 1                 | 33                 |
| Stone 2R4201              | 65.7           | 4.2               | 1                 | 38                 |
| Delta Grow 4670RR2        | 65.5           | 4.6               | 1                 | 41                 |

**PORTAGEVILLE, MO CLAY (PEMISCOT COUNTY) - SOUTHEAST REGION SOYBEAN TEST**

| Brand/Variety            | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|--------------------------|----------------|-------------------|-------------------|--------------------|
| Stoddard                 | 65.4           | 4.9               | 2                 | 24                 |
| SS 09L.49N               | 65.1           | 4.9               | 3                 | 41                 |
| Schillinger 4990.RC      | 65.0           | 4.9               | 3                 | 36                 |
| Hornbeck HBK RY4620      | 64.7           | 4.6               | 2                 | 35                 |
| Schillinger 458.RCS      | 64.7           | 4.6               | 1                 | 41                 |
| AgVenture VPMMaxx 49X1RR | 64.3           | 4.9               | 2                 | 36                 |
| Mershman Nashville 749RR | 64.3           | 4.9               | 2                 | 40                 |
| Mershman Tulsa 1245LL    | 64.2           | 4.5               | 2                 | 44                 |
| Armor X1211              | 64.1           | 4.9               | 2                 | 41                 |
| Progeny 4928LL           | 64.1           | 4.9               | 2                 | 36                 |
| NK S46-A1 Brand          | 64.0           | 4.6               | 1                 | 39                 |
| S08-15072                | 64.0           | 4.1               | 2                 | 35                 |
| Go Soy 4810LL            | 63.8           | 4.8               | 2                 | 42                 |
| Hornbeck HBK R4924       | 63.7           | 4.9               | 3                 | 44                 |
| Dairyland DSR-4500/RR    | 63.6           | 4.5               | 3                 | 36                 |
| S08-8467                 | 63.5           | 4.2               | 1                 | 39                 |
| Delta Grow 4875RR2       | 63.4           | 4.8               | 2                 | 41                 |
| Dairyland DSR-8482/RR    | 63.0           | 4.8               | 2                 | 35                 |
| Progeny 4911RY           | 63.0           | 4.9               | 3                 | 50                 |
| S08-4714                 | 63.0           | 4.2               | 1                 | 39                 |
| Terrel REV 47R22         | 62.8           | 4.7               | 2                 | 43                 |
| UA 4910                  | 62.2           | 4.9               | 2                 | 36                 |
| MorSoy Xtra 48X00        | 62.0           | 4.8               | 2                 | 36                 |
| Stone 2R4102             | 61.8           | 4.1               | 1                 | 33                 |
| Hornbeck HBK R4830       | 61.6           | 4.8               | 3                 | 39                 |
| Delta Grow 4861LL        | 60.7           | 4.8               | 1                 | 41                 |
| Pfister 47R24            | 58.2           | 4.7               | 2                 | 41                 |
| Hornbeck HBK R4729       | 58.1           | 4.7               | 1                 | 36                 |
| <b>GRAND MEAN</b>        | <b>68.2</b>    |                   | <b>2</b>          | <b>40</b>          |
| <b>LSD (10%)</b>         | <b>5.9</b>     |                   |                   |                    |
| <b>CV (%)</b>            | <b>6.4</b>     |                   |                   |                    |

**MATURITY GROUP 5**

| Brand/Variety          | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|------------------------|----------------|-------------------|-------------------|--------------------|
| Asgrow AG5232          | 73.8**         | 5.2               | 2                 | 33                 |
| Pioneer 95Y50          | 73.7*          | 5.5               | 2                 | 33                 |
| Mershman Denali 1252LL | 73.4*          | 5.2               | 2                 | 33                 |
| Asgrow AG5332          | 72.1*          | 5.3               | 2                 | 41                 |
| Pioneer 95Y10          | 71.4*          | 5.1               | 1                 | 44                 |

**PORTAGEVILLE, MO CLAY (PEMISCOT COUNTY) - SOUTHEAST REGION SOYBEAN TEST**

| Brand/Variety             | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------------|----------------|-------------------|-------------------|--------------------|
| Progeny 5330RR            | 71.2*          | 5.3               | 2                 | 38                 |
| Pioneer 95Y01             | 70.9*          | 5.0               | 2                 | 45                 |
| Morsoy 5168               | 69.8*          | 5.1               | 1                 | 44                 |
| Pioneer 95Y40             | 69.4*          | 5.4               | 2                 | 34                 |
| Delta Grow 5275RR2        | 69.0*          | 5.2               | 1                 | 36                 |
| Progeny 5210RY            | 68.5*          | 5.2               | 2                 | 35                 |
| Progeny 5770              | 67.7           | 5.7               | 3                 | 36                 |
| Mershman Whitney 1154LL   | 67.3           | 5.4               | 1                 | 38                 |
| Morsoy Xtra 51X31         | 67.2           | 5.1               | 2                 | 35                 |
| Terrel REV 51R53          | 67.2           | 5.1               | 2                 | 36                 |
| Schillinger 557.RC        | 67.0           | 5.5               | 2                 | 33                 |
| Delta Grow 5160RR/STS     | 66.9           | 5.1               | 2                 | 39                 |
| Dyna-Gro 35P53            | 66.7           | 5.3               | 2                 | 36                 |
| Delta Grow 5565RR2        | 66.6           | 5.5               | 1                 | 33                 |
| Hornbeck HBK RY5521       | 66.6           | 5.5               | 2                 | 33                 |
| Armor X1217               | 66.5           | 5.4               | 2                 | 34                 |
| Delta Grow 5110RR2 EXP    | 66.5           | 5.1               | 2                 | 50                 |
| Armor X1215               | 66.4           | 5.5               | 2                 | 39                 |
| Asgrow AG5532             | 66.4           | 5.5               | 1                 | 34                 |
| Hornbeck HBK RY5421       | 66.4           | 5.4               | 2                 | 33                 |
| Jake                      | 66.2           | 5.4               | 2                 | 31                 |
| Mershman Everest 1251RR2Y | 66.2           | 5.1               | 2                 | 33                 |
| Morsoy 5429               | 66.1           | 5.4               | 2                 | 32                 |
| SS 12L.50N                | 66.0           | 5.0               | 2                 | 41                 |
| MorSoy CB 5209            | 65.9           | 5.2               | 2                 | 35                 |
| Hornbeck HBK R5525        | 65.8           | 5.5               | 2                 | 39                 |
| Hornbeck HBK R5529        | 65.8           | 5.5               | 1                 | 36                 |
| Progeny 5111RY            | 65.7           | 5.1               | 2                 | 34                 |
| Progeny 5160LL            | 65.6           | 5.1               | 1                 | 24                 |
| Delta King DK 5363        | 65.4           | 5.3               | 2                 | 36                 |
| Dyna-Gro 37RY52           | 65.0           | 5.2               | 2                 | 27                 |
| MPG 5505NRR/STS           | 64.9           | 5.5               | 2                 | 34                 |
| Delta Grow 5461LL         | 64.8           | 5.4               | 1                 | 41                 |
| Hornbeck HBK C5528        | 64.8           | 5.5               | 2                 | 36                 |
| Progeny 5321RY            | 64.7           | 5.3               | 2                 | 57                 |
| V04-1022                  | 64.6           | 5.0               | 1                 | 33                 |
| Armor X1213               | 64.4           | 5.4               | 2                 | 33                 |
| Dyna-Gro 32RY55           | 64.4           | 5.5               | 2                 | 28                 |
| Progeny 5811RY            | 64.4           | 5.8               | 2                 | 33                 |
| Glenn                     | 64.3           | 5.5               | 1                 | 30                 |

**PORTAGEVILLE, MO CLAY (PEMISCOT COUNTY) - SOUTHEAST REGION SOYBEAN TEST**

| <b>Brand/Variety</b>    | <b>Yield<br/>Bu/Ac</b> | <b>Maturity<br/>group</b> | <b>Lodging<br/>1 to 5</b> | <b>Plant-Height<br/>in</b> |
|-------------------------|------------------------|---------------------------|---------------------------|----------------------------|
| eMerge 5110             | 64.2                   | 5.1                       | 2                         | 36                         |
| Pioneer 95Y31           | 64.2                   | 5.3                       | 2                         | 39                         |
| Armor X1255             | 64.0                   | 5.5                       | 2                         | 30                         |
| Delta Grow 5555RR       | 63.8                   | 5.5                       | 2                         | 39                         |
| SS 10L.51N              | 63.7                   | 5.1                       | 2                         | 24                         |
| US Seeds HALO 5:25      | 63.6                   | 5.2                       | 1                         | 22                         |
| JTN-5203                | 63.4                   | 5.3                       | 1                         | 27                         |
| Armor X1216             | 63.3                   | 5.5                       | 2                         | 34                         |
| Delta Grow 5300RR/STS   | 62.4                   | 5.3                       | 2                         | 36                         |
| Progeny 5711RY          | 62.4                   | 5.7                       | 2                         | 33                         |
| Hornbeck HBK RY5220     | 62.3                   | 5.2                       | 2                         | 33                         |
| MPV-C-510N              | 62.3                   | 5.1                       | 2                         | 27                         |
| Morsoy Xtra 54X41       | 62.2                   | 5.4                       | 2                         | 32                         |
| Progeny 5610RY          | 62.2                   | 5.6                       | 2                         | 36                         |
| Armor 53-R15            | 62.1                   | 5.3                       | 1                         | 33                         |
| Asgrow AG5632           | 62.0                   | 5.6                       | 2                         | 38                         |
| Progeny 5960LL          | 61.9                   | 5.9                       | 2                         | 36                         |
| Mershman Olympus 1051LL | 61.8                   | 5.1                       | 2                         | 27                         |
| Osage                   | 61.8                   | 5.6                       | 1                         | 24                         |
| Armor X1218             | 61.6                   | 5.5                       | 2                         | 34                         |
| Morsoy Xtra 53X51       | 61.5                   | 5.3                       | 2                         | 36                         |
| Delta Grow 5280RR       | 61.3                   | 5.2                       | 2                         | 33                         |
| Progeny 5191            | 61.3                   | 5.1                       | 3                         | 33                         |
| Delta Grow 5545RR       | 61.0                   | 5.5                       | 2                         | 39                         |
| R04-357                 | 61.0                   | 5.7                       | 2                         | 31                         |
| Go Soy 5111LL           | 60.8                   | 5.1                       | 1                         | 30                         |
| V03-3650                | 60.6                   | 5.3                       | 2                         | 30                         |
| US Seeds HALO 5:65      | 60.0                   | 5.6                       | 2                         | 35                         |
| Armor X1253             | 59.9                   | 5.2                       | 2                         | 34                         |
| Progeny 5655RY          | 59.3                   | 5.6                       | 2                         | 36                         |
| Hornbeck HBK R5226      | 59.0                   | 5.2                       | 2                         | 33                         |
| Terrel REV 55R21        | 58.8                   | 5.5                       | 2                         | 34                         |
| Delta Grow 5625RR2      | 58.5                   | 5.6                       | 2                         | 33                         |
| Progeny 5460LL          | 57.2                   | 5.4                       | 1                         | 39                         |
| Mershman Hood 1150LL    | 55.1                   | 5.0                       | 2                         | 33                         |
| Progeny 5261LL          | 53.0                   | 5.2                       | 2                         | 30                         |
| <b>GRAND MEAN</b>       | <b>64.6</b>            |                           | <b>2</b>                  | <b>35</b>                  |
| <b>LSD (10%)</b>        | <b>5.7</b>             |                           |                           |                            |
| <b>CV (%)</b>           | <b>6.7</b>             |                           |                           |                            |

**\*\*Highest yielding variety within a maturity group in a test.**

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

# PORTAGEVILLE, MO LOAM (PEMISCOT COUNTY) - SOUTHEAST REGION

## MATURITY GROUP 3

| Brand/Variety            | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|--------------------------|----------------|-------------------|-------------------|--------------------|
| NK S39-U2 Brand          | 80.4**         | 3.9               | 2                 | 39                 |
| AgVenture VPMMaxx 38X1RR | 75.8*          | 3.8               | 1                 | 41                 |
| Progeny 3911RY           | 71.0           | 3.9               | 1                 | 36                 |
| AgVenture 38T8NRR/STS    | 70.7           | 3.8               | 1                 | 34                 |
| Dairyland DSR-3805/R2Y   | 69.4           | 3.8               | 2                 | 37                 |
| <b>GRAND MEAN</b>        | <b>73.0</b>    |                   | <b>1</b>          | <b>37</b>          |
| <b>LSD (10%)</b>         | <b>8.2</b>     |                   |                   |                    |
| <b>CV (%)</b>            | <b>9.0</b>     |                   |                   |                    |

\*\*Highest yielding variety within a maturity group in a test.

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

## MATURITY GROUP 4

| Brand/Variety             | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------------|----------------|-------------------|-------------------|--------------------|
| Pioneer 94Y91             | 80.3**         | 4.9               | 2                 | 46                 |
| S08-14087                 | 78.9*          | 4.6               | 2                 | 57                 |
| Mershman Tucson 1249LL    | 77.2*          | 4.9               | 2                 | 54                 |
| Hornbeck HBK R4924        | 75.5*          | 4.9               | 4                 | 54                 |
| Stone 2R4500STS           | 75.5*          | 4.5               | 2                 | 44                 |
| UA 4910                   | 74.9*          | 4.9               | 2                 | 47                 |
| Dairyland DST 45-001/R2Y  | 74.4*          | 4.5               | 3                 | 44                 |
| Pioneer 94Y81             | 74.2*          | 4.8               | 3                 | 50                 |
| US Seeds HALO 4:65        | 73.5*          | 4.6               | 3                 | 44                 |
| Armor X1209               | 73.3*          | 4.7               | 2                 | 58                 |
| Delta Grow 4975RR         | 73.3*          | 4.9               | 3                 | 48                 |
| USG 74A91                 | 73.3*          | 4.9               | 3                 | 48                 |
| Mershman Atlanta 1047RR2Y | 71.9           | 4.7               | 3                 | 44                 |
| Mershman Orlando 1246LL   | 71.9           | 4.6               | 2                 | 50                 |
| S08-14117                 | 71.9           | 4.1               | 2                 | 46                 |
| Go Soy 4411LL             | 71.5           | 4.4               | 2                 | 46                 |
| Armor X1247               | 71.4           | 4.7               | 2                 | 46                 |
| S07-5049                  | 71.2           | 4.1               | 2                 | 45                 |
| Dyna-Gro 38RY45           | 71.0           | 4.5               | 1                 | 41                 |
| Pioneer 94Y40             | 70.5           | 4.4               | 2                 | 42                 |
| Stone 2R4302              | 70.4           | 4.3               | 2                 | 39                 |
| Morsoy 4955               | 70.2           | 4.9               | 3                 | 44                 |
| Terrel REV 48R33          | 69.9           | 4.8               | 3                 | 44                 |
| Dairyland DSR-8482/RR     | 69.8           | 4.8               | 2                 | 48                 |
| MorSoy Xtra 48X00         | 69.8           | 4.8               | 3                 | 41                 |

**PORTAGEVILLE, MO LOAM (PEMISCOT COUNTY) - SOUTHEAST REGION SOYBEAN TEST**

| <b>Brand/Variety</b>      | <b>Yield<br/>Bu/Ac</b> | <b>Maturity<br/>group</b> | <b>Lodging<br/>1 to 5</b> | <b>Plant-Height<br/>in</b> |
|---------------------------|------------------------|---------------------------|---------------------------|----------------------------|
| Progeny 4906RR            | 69.5                   | 4.9                       | 2                         | 52                         |
| Delta Grow 4970RR         | 68.8                   | 4.9                       | 3                         | 46                         |
| S08-17361                 | 68.7                   | 4.9                       | 2                         | 48                         |
| Mershman Phoenix 1245RR2Y | 68.5                   | 4.5                       | 3                         | 48                         |
| Dyna-Gro 33G48            | 68.4                   | 4.8                       | 4                         | 43                         |
| Armor X1204               | 68.3                   | 4.4                       | 2                         | 41                         |
| Asgrow AG4932             | 68.1                   | 4.9                       | 3                         | 46                         |
| Terrel REV 47R22          | 68.0                   | 4.7                       | 2                         | 50                         |
| Morsoy Xtra 46X29         | 67.8                   | 4.6                       | 2                         | 46                         |
| AgVenture VPMMaxx 49X1RR  | 67.7                   | 4.9                       | 2                         | 39                         |
| Mershman Memphis 1243RR2Y | 67.7                   | 4.3                       | 2                         | 40                         |
| Mershman Tulsa 1245LL     | 67.5                   | 4.5                       | 2                         | 48                         |
| Morsoy Xtra 47X31         | 67.4                   | 4.7                       | 2                         | 50                         |
| Pioneer 94Y50             | 67.4                   | 4.5                       | 2                         | 48                         |
| Progeny 4911RY            | 67.4                   | 4.9                       | 4                         | 60                         |
| Terrel REV 48R10          | 67.4                   | 4.8                       | 2                         | 44                         |
| Stone 2R4702              | 67.3                   | 4.7                       | 2                         | 52                         |
| Morsoy 4707               | 67.2                   | 4.7                       | 2                         | 46                         |
| Stone 2R4402              | 67.0                   | 4.4                       | 2                         | 43                         |
| S08-4714                  | 66.9                   | 4.2                       | 2                         | 52                         |
| Dairyland DSR-4810/RR     | 66.8                   | 4.8                       | 2                         | 44                         |
| Dyna-Gro 31RY45           | 66.7                   | 4.5                       | 2                         | 44                         |
| Armor X1211               | 66.6                   | 4.9                       | 2                         | 41                         |
| Go Soy 4810LL             | 66.5                   | 4.8                       | 3                         | 55                         |
| Schillinger 478.RCS       | 66.5                   | 4.7                       | 3                         | 46                         |
| Armor X1206               | 66.4                   | 4.4                       | 2                         | 41                         |
| Progeny 4710RY            | 66.3                   | 4.7                       | 2                         | 46                         |
| MPG 4707NRR/STS           | 66.2                   | 4.7                       | 2                         | 39                         |
| SS 09L.49N                | 66.2                   | 4.9                       | 2                         | 52                         |
| Hornbeck HBK RY4721       | 66.1                   | 4.7                       | 2                         | 50                         |
| Progeny 4807RR            | 66.1                   | 4.8                       | 2                         | 48                         |
| Progeny 4910              | 66.1                   | 4.9                       | 4                         | 54                         |
| Terrel REV 49R22          | 65.8                   | 4.9                       | 3                         | 44                         |
| eMerge 4920S              | 65.7                   | 4.9                       | 2                         | 48                         |
| Pfister 47R24             | 65.6                   | 4.7                       | 3                         | 52                         |
| Dyna-Gro 39RY43           | 65.4                   | 4.3                       | 2                         | 43                         |
| Morsoy Xtra 46X71         | 65.3                   | 4.6                       | 2                         | 46                         |
| Progeny 4611RY            | 65.1                   | 4.6                       | 2                         | 46                         |
| Dyna-Gro 37RY47           | 65.0                   | 4.7                       | 3                         | 41                         |
| Mershman Tampa 1245LL     | 65.0                   | 4.5                       | 2                         | 46                         |

**PORTAGEVILLE, MO LOAM (PEMISCOT COUNTY) - SOUTHEAST REGION SOYBEAN TEST**

| Brand/Variety             | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------------|----------------|-------------------|-------------------|--------------------|
| S08-14072                 | 64.8           | 4.4               | 2                 | 54                 |
| Dairyland DST 47-002/R2Y  | 64.7           | 4.7               | 3                 | 46                 |
| Hornbeck HBK RY4620       | 64.7           | 4.6               | 2                 | 41                 |
| Terrel REV 45R10          | 64.7           | 4.5               | 2                 | 44                 |
| Pioneer 94Y82             | 64.5           | 4.8               | 3                 | 44                 |
| Progeny 4211RY            | 64.5           | 4.2               | 2                 | 44                 |
| Armor X1208               | 64.4           | 4.7               | 2                 | 51                 |
| Dairyland DSR-4300/RR     | 64.2           | 4.3               | 3                 | 44                 |
| Delta Grow 4670RR2        | 64.2           | 4.6               | 2                 | 46                 |
| MorSoy Xtra 49X10         | 64.2           | 4.9               | 3                 | 41                 |
| AgVenture VPMMaxx 49C9RR  | 64.0           | 4.9               | 3                 | 46                 |
| Delta King DKR4744        | 64.0           | 4.7               | 2                 | 41                 |
| Schillinger 495.RC        | 64.0           | 4.9               | 4                 | 44                 |
| AgVenture VPMMaxx 47A3NRR | 63.9           | 4.7               | 2                 | 44                 |
| Terrel REV 49R43          | 63.9           | 4.9               | 3                 | 44                 |
| Stone 2R4102              | 63.7           | 4.1               | 2                 | 37                 |
| Terrel REV 48R21          | 63.6           | 4.8               | 2                 | 48                 |
| AgVenture VPMMaxx 44X1RR  | 63.5           | 4.4               | 2                 | 41                 |
| Mershman Houston 747RR    | 63.5           | 4.7               | 2                 | 40                 |
| Pioneer 94Y70             | 63.5           | 4.7               | 3                 | 44                 |
| Progeny 4510RY            | 63.5           | 4.5               | 2                 | 44                 |
| USG 74A79R                | 63.2           | 4.7               | 2                 | 41                 |
| NK S49-A5 Brand           | 63.0           | 4.9               | 2                 | 57                 |
| AgVenture 47G7NRR/STS     | 62.8           | 4.7               | 2                 | 41                 |
| USG 74G78                 | 62.8           | 4.7               | 2                 | 39                 |
| Progeny 4811RY            | 62.7           | 4.8               | 2                 | 51                 |
| eMerge 4510S              | 62.6           | 4.5               | 2                 | 39                 |
| NK S44-D5 Brand           | 62.6           | 4.4               | 2                 | 46                 |
| Armor 48-R40              | 62.4           | 4.7               | 2                 | 44                 |
| Dairyland DST 45-002/R2Y  | 62.3           | 4.5               | 2                 | 49                 |
| Delta Grow 4875RR2        | 62.2           | 4.8               | 2                 | 50                 |
| Stoddard                  | 62.2           | 4.9               | 1                 | 33                 |
| Dairyland DSR-4500/RR     | 61.6           | 4.5               | 3                 | 44                 |
| Pioneer 94Y61             | 61.5           | 4.6               | 2                 | 41                 |
| Terrel REV 47R53          | 61.3           | 4.7               | 2                 | 45                 |
| Mershman Austin 1142LL    | 61.1           | 4.2               | 2                 | 44                 |
| Mershman Miami 949LL      | 61.1           | 4.9               | 3                 | 50                 |
| Progeny 4928LL            | 61.0           | 4.9               | 2                 | 50                 |
| Morsoy CB 4860            | 60.9           | 4.8               | 4                 | 54                 |
| Pfister 45R23             | 60.6           | 4.5               | 2                 | 45                 |

**PORTAGEVILLE, MO LOAM (PEMISCOT COUNTY) - SOUTHEAST REGION SOYBEAN TEST**

| Brand/Variety            | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|--------------------------|----------------|-------------------|-------------------|--------------------|
| Progeny 4750RR           | 60.4           | 4.7               | 2                 | 41                 |
| Schillinger 4990.RC      | 60.4           | 4.9               | 3                 | 41                 |
| Delta Grow 4880RR        | 60.3           | 4.8               | 3                 | 46                 |
| Armor X1205              | 60.2           | 4.4               | 2                 | 43                 |
| Stone 2R4201             | 60.2           | 4.2               | 2                 | 46                 |
| Delta Grow 4460RR        | 60.0           | 4.4               | 3                 | 48                 |
| NK S47-R3 Brand          | 59.9           | 4.7               | 4                 | 44                 |
| Terrel REV 49R11         | 59.9           | 4.9               | 2                 | 44                 |
| Terrel REV 44R22         | 59.8           | 4.4               | 2                 | 44                 |
| Armor X1210              | 59.7           | 4.8               | 4                 | 46                 |
| Mershman Nashville 749RR | 59.7           | 4.9               | 2                 | 41                 |
| S08-8467                 | 59.7           | 4.2               | 2                 | 51                 |
| NK S46-A1 Brand          | 59.6           | 4.6               | 2                 | 44                 |
| MPV 4238N                | 59.5           | 4.2               | 2                 | 44                 |
| Schillinger 458.RCS      | 58.8           | 4.6               | 3                 | 48                 |
| AgVenture VPMMaxx 44K4RR | 58.4           | 4.4               | 2                 | 45                 |
| S08-15072                | 58.3           | 4.1               | 2                 | 50                 |
| Asgrow AG4732            | 58.2           | 4.7               | 3                 | 50                 |
| Terrel REV 48R22         | 58.1           | 4.8               | 2                 | 48                 |
| Hornbeck HBK R4829       | 57.6           | 4.8               | 4                 | 45                 |
| US Seeds HALO 4:94       | 57.4           | 4.9               | 3                 | 53                 |
| Hornbeck HBK R4830       | 56.1           | 4.8               | 3                 | 54                 |
| S08-2014                 | 55.6           | 4.2               | 3                 | 50                 |
| US Seeds HALO 4:75       | 55.5           | 4.7               | 2                 | 57                 |
| Delta Grow 4861LL        | 54.9           | 4.8               | 2                 | 52                 |
| Hornbeck HBK R4729       | 53.1           | 4.7               | 4                 | 42                 |
| AgVenture VPMMaxx 40A2RR | 52.7           | 4.0               | 2                 | 41                 |
| Mershman Macon 1249LL    | 51.6           | 4.9               | 3                 | 54                 |
| <b>GRAND MEAN</b>        | <b>64.8</b>    |                   | <b>2</b>          | <b>46</b>          |
| <b>LSD (10%)</b>         | <b>7.9</b>     |                   |                   |                    |
| <b>CV (%)</b>            | <b>9.0</b>     |                   |                   |                    |

**MATURITY GROUP 5**

| Brand/Variety         | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|-----------------------|----------------|-------------------|-------------------|--------------------|
| Delta Grow 5160RR/STS | 77.0**         | 5.1               | 2                 | 36                 |
| Armor X1213           | 74.0*          | 5.4               | 2                 | 36                 |
| Delta Grow 5461LL     | 72.9*          | 5.4               | NA                | NA                 |
| Morsoy 5168           | 71.0*          | 5.1               | 2                 | 46                 |
| Delta King DK 5363    | 70.9*          | 5.3               | 2                 | 30                 |

**PORTAGEVILLE, MO LOAM (PEMISCOT COUNTY) - SOUTHEAST REGION SOYBEAN TEST**

| Brand/Variety             | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|---------------------------|----------------|-------------------|-------------------|--------------------|
| Asgrow AG5332             | 70.6           | 5.3               | 2                 | 40                 |
| Pioneer 95Y10             | 70.0           | 5.1               | 1                 | 36                 |
| R04-357                   | 69.7           | 5.7               | 2                 | 41                 |
| SS 12L50N                 | 69.1           | 5.0               | 2                 | 46                 |
| Terrel REV 51R53          | 68.8           | 5.1               | 2                 | 44                 |
| Armor X1216               | 68.4           | 5.5               | 2                 | 38                 |
| Hornbeck HBK RY5521       | 68.2           | 5.5               | 2                 | 38                 |
| Mershman Whitney 1154LL   | 67.9           | 5.4               | 2                 | 42                 |
| Progeny 5321RY            | 67.7           | 5.3               | 2                 | 57                 |
| Progeny 5811RY            | 67.7           | 5.8               | 2                 | 39                 |
| Armor X1255               | 66.8           | 5.5               | 1                 | 24                 |
| Pioneer 95Y01             | 66.1           | 5.0               | 2                 | 41                 |
| Progeny 5770              | 66.0           | 5.7               | 1                 | 33                 |
| Asgrow AG5232             | 65.8           | 5.2               | 1                 | 30                 |
| Hornbeck HBK RY5421       | 65.4           | 5.4               | 2                 | 39                 |
| Osage                     | 65.3           | 5.6               | 1                 | 33                 |
| Progeny 5655RY            | 64.6           | 5.6               | 1                 | 36                 |
| Progeny 5960LL            | 64.6           | 5.9               | 2                 | 36                 |
| eMerge 5110               | 64.3           | 5.1               | 2                 | 44                 |
| Morsoy Xtra 54X41         | 64.3           | 5.4               | 2                 | 33                 |
| MPV-C-510N                | 64.3           | 5.1               | 1                 | 28                 |
| Armor X1215               | 64.2           | 5.5               | 3                 | 36                 |
| Mershman Denali 1252LL    | 64.2           | 5.2               | 2                 | 36                 |
| Dyna-Gro 35P53            | 64.0           | 5.3               | 1                 | 33                 |
| Delta Grow 5565RR2        | 63.8           | 5.5               | 2                 | 27                 |
| MPG 5505NRR/STS           | 63.8           | 5.5               | 1                 | 24                 |
| Pioneer 95Y40             | 63.7           | 5.4               | 1                 | 20                 |
| Hornbeck HBK R5226        | 63.5           | 5.2               | 1                 | 27                 |
| Mershman Everest 1251RR2Y | 63.5           | 5.1               | 1                 | 25                 |
| Hornbeck HBK R5529        | 63.4           | 5.5               | 2                 | 33                 |
| Hornbeck HBK C5528        | 63.3           | 5.5               | 2                 | 40                 |
| Morsoy Xtra 53X51         | 63.2           | 5.3               | 3                 | 44                 |
| Armor X1218               | 63.1           | 5.5               | 2                 | 31                 |
| Pioneer 95Y50             | 63.0           | 5.5               | 1                 | 39                 |
| Asgrow AG5532             | 62.9           | 5.5               | 1                 | 30                 |
| JTN-5203                  | 62.7           | 5.3               | 1                 | 20                 |
| Delta Grow 5110RR2 EXP    | 62.6           | 5.1               | 2                 | 48                 |
| Progeny 5610RY            | 62.6           | 5.6               | 2                 | 33                 |
| Dyna-Gro 32RY55           | 61.9           | 5.5               | 2                 | 30                 |
| Delta Grow 5555RR         | 61.7           | 5.5               | 2                 | 41                 |

**PORTAGEVILLE, MO LOAM (PEMISCOT COUNTY) - SOUTHEAST REGION SOYBEAN TEST**

| Brand/Variety           | Yield<br>Bu/Ac | Maturity<br>group | Lodging<br>1 to 5 | Plant-Height<br>in |
|-------------------------|----------------|-------------------|-------------------|--------------------|
| Progeny 5330RR          | 61.6           | 5.3               | 2                 | 39                 |
| Jake                    | 60.9           | 5.4               | 1                 | 27                 |
| Pioneer 95Y31           | 60.5           | 5.3               | 1                 | 34                 |
| V04-1022                | 60.5           | 5.0               | 1                 | 30                 |
| Terrel REV 55R21        | 60.4           | 5.5               | 1                 | 34                 |
| Progeny 5711RY          | 60.3           | 5.7               | 2                 | 27                 |
| Progeny 5191            | 60.0           | 5.1               | 2                 | 36                 |
| Glenn                   | 59.8           | 5.5               | 1                 | 23                 |
| SS 10L.51N              | 59.8           | 5.1               | 1                 | 18                 |
| Armor X1253             | 59.6           | 5.2               | 1                 | 26                 |
| Delta Grow 5280RR       | 59.5           | 5.2               | 2                 | 27                 |
| Delta Grow 5545RR       | 59.4           | 5.5               | 2                 | 30                 |
| Armor 53-R15            | 59.3           | 5.3               | 1                 | 28                 |
| Progeny 5460LL          | 59.3           | 5.4               | 2                 | 48                 |
| Delta Grow 5275RR2      | 59.2           | 5.2               | 1                 | 26                 |
| Asgrow AG5632           | 58.8           | 5.6               | 1                 | 35                 |
| Hornbeck HBK R5525      | 58.6           | 5.5               | 1                 | 37                 |
| Armor X1217             | 58.5           | 5.4               | 1                 | 33                 |
| Morsoy 5429             | 58.5           | 5.4               | 2                 | 33                 |
| Morsoy Xtra 51X31       | 57.9           | 5.1               | 1                 | 30                 |
| Progeny 5210RY          | 57.8           | 5.2               | 1                 | 24                 |
| US Seeds HALO 5:25      | 57.7           | 5.2               | NA                | NA                 |
| Dyna-Gro 37RY52         | 57.6           | 5.2               | 1                 | 33                 |
| Mershman Olympus 1051LL | 57.5           | 5.1               | 2                 | 27                 |
| Progeny 5261LL          | 57.5           | 5.2               | 2                 | 30                 |
| Progeny 5111RY          | 57.4           | 5.1               | 1                 | 30                 |
| Delta Grow 5625RR2      | 57.3           | 5.6               | 2                 | 30                 |
| Schillinger 557.RC      | 56.8           | 5.5               | 1                 | 29                 |
| Progeny 5160LL          | 56.5           | 5.1               | 2                 | 24                 |
| Delta Grow 5300RR/STS   | 55.9           | 5.3               | 2                 | 33                 |
| Go Soy 5111LL           | 55.5           | 5.1               | 1                 | 21                 |
| Hornbeck HBK RY5220     | 55.0           | 5.2               | 1                 | 28                 |
| MorSoy CB 5209          | 54.9           | 5.2               | 1                 | 33                 |
| US Seeds HALO 5:65      | 54.9           | 5.6               | 2                 | 36                 |
| Mershman Hood 1150LL    | 54.3           | 5.0               | 1                 | 33                 |
| V03-3650                | 52.1           | 5.3               | 1                 | 27                 |
| <b>GRAND MEAN</b>       | <b>62.6</b>    |                   | <b>2</b>          | <b>33</b>          |
| <b>LSD (10%)</b>        | <b>6.2</b>     |                   |                   |                    |
| <b>CV (%)</b>           | <b>7.7</b>     |                   |                   |                    |

*\*\*Highest yielding variety within a maturity group in a test.*

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

## SOUTHEAST REGION SUMMARY

### MATURITY GROUP 3

| Brand/Variety            | Chaffee<br>Bu/Ac | Morehouse<br>Bu/Ac | Port. Clay<br>Bu/Ac | Port. Loam<br>Bu/Ac | Mean<br>Bu/Ac |
|--------------------------|------------------|--------------------|---------------------|---------------------|---------------|
| AgVenture VPMMaxx 38X1RR | 67.0**           | 79.4**             | 68.1**              | 75.8*               | 72.5**        |
| NK S39-U2 Brand          | 66.9*            | 72.8               | 65.3*               | 80.4**              | 71.3*         |
| Progeny 3911RY           | 64.8*            | 78.6*              | 63.4                | 71.0                | 69.4          |
| Dairyland DSR-3805/R2Y   | 64.2*            | 77.9*              | 64.8*               | 69.4                | 69.0          |
| AgVenture 38T8NRR/STS    | 62.8*            | 71.2               | 66.3*               | 70.7                | 67.7          |
| <b>GRAND MEAN</b>        | <b>64.4</b>      | <b>76.4</b>        | <b>66.1</b>         | <b>73.0</b>         | <b>70.2</b>   |
| <b>LSD (10%)</b>         | <b>4.8</b>       | <b>4.8</b>         | <b>5.2</b>          | <b>8.2</b>          | <b>2.9</b>    |
| <b>CV (%)</b>            | <b>5.4</b>       | <b>4.8</b>         | <b>6.3</b>          | <b>9.0</b>          | <b>6.9</b>    |

\*\*Highest yielding variety within a maturity group in a test.

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

### MATURITY GROUP 4

| Brand/Variety             | Chaffee<br>Bu/Ac | Morehouse<br>Bu/Ac | Port. Clay<br>Bu/Ac | Port. Loam<br>Bu/Ac | Mean<br>Bu/Ac |
|---------------------------|------------------|--------------------|---------------------|---------------------|---------------|
| Stone 2R4500STS           | 70.3             | 79.7*              | 77.6*               | 75.5*               | 75.7**        |
| Armor X1209               | 74.4*            | 78.5*              | 73.1                | 73.3*               | 74.8*         |
| S08-17361                 | 71.4             | 73.3               | 79.3*               | 68.7                | 73.1*         |
| Armor X1247               | 66.2             | 78.8*              | 75.3*               | 71.4                | 72.9*         |
| Pioneer 94Y91             | 66.6             | 73.2               | 70.2                | 80.3**              | 72.5*         |
| Armor X1204               | 69.6             | 78.2*              | 72.4                | 68.3                | 72.1          |
| Mershman Atlanta 1047RR2Y | 66.7             | 76.1*              | 72.9                | 71.9                | 71.9          |
| Dairyland DST 45-001/R2Y  | 68.0             | 71.4               | 73.1                | 74.4*               | 71.7          |
| Dyna-Gro 37RY47           | 67.6             | 80.1*              | 73.7                | 65.0                | 71.6          |
| S08-14087                 | 67.7             | 66.7               | 73.3                | 78.9*               | 71.6          |
| Terrel REV 48R33          | 64.0             | 81.6**             | 70.2                | 69.9                | 71.4          |
| Hornbeck HBK R4924        | 74.2*            | 71.4               | 63.7                | 75.5*               | 71.2          |
| Progeny 4910              | 80.9**           | 67.8               | 70.2                | 66.1                | 71.2          |
| Progeny 4510RY            | 65.7             | 74.7               | 80.1**              | 63.5                | 71.0          |
| Morsoy 4955               | 69.3             | 72.0               | 72.0                | 70.2                | 70.8          |
| US Seeds HALO 4:65        | 63.1             | 76.5*              | 70.2                | 73.5*               | 70.8          |
| Pioneer 94Y81             | 67.6             | 73.4               | 67.3                | 74.2*               | 70.6          |
| Mershman Tucson 1249LL    | 63.2             | 72.8               | 69.1                | 77.2*               | 70.5          |
| Stone 2R4402              | 67.2             | 78.0*              | 69.8                | 67.0                | 70.5          |
| AgVenture 47G7NRR/STS     | 65.7             | 78.1*              | 75.1*               | 62.8                | 70.4          |
| Asgrow AG4932             | 71.2             | 72.0               | 70.5                | 68.1                | 70.4          |
| Mershman Memphis 1243RR2Y | 67.3             | 77.8*              | 68.4                | 67.7                | 70.3          |
| eMerge 4920S              | 75.4*            | 70.4               | 69.5                | 65.7                | 70.2          |
| Terrel REV 49R22          | 73.8             | 73.1               | 68.2                | 65.8                | 70.2          |
| USG 74A79R                | 66.6             | 75.2               | 75.9*               | 63.2                | 70.2          |
| Progeny 4906RR            | 73.3             | 66.9               | 70.7                | 69.5                | 70.1          |
| Mershman Orlando 1246LL   | 64.9             | 75.4*              | 68.1                | 71.9                | 70.0          |
| Go Soy 4411LL             | 63.3             | 75.4*              | 69.7                | 71.5                | 69.9          |
| Hornbeck HBK RY4721       | 73.9             | 72.2               | 67.4                | 66.1                | 69.9          |
| Pioneer 94Y40             | 66.4             | 74.0               | 68.9                | 70.5                | 69.9          |

**SOUTHEAST REGION SUMMARY - SOYBEAN TEST**

| Brand/Variety             | Chaffee<br>Bu/Ac | Morehouse<br>Bu/Ac | Port. Clay<br>Bu/Ac | Port. Loam<br>Bu/Ac | Mean<br>Bu/Ac |
|---------------------------|------------------|--------------------|---------------------|---------------------|---------------|
| Dyna-Gro 31RY45           | 68.2             | 70.9               | 73.7                | 66.7                | 69.8          |
| Mershman Phoenix 1245RR2Y | 64.0             | 77.8*              | 69.0                | 68.5                | 69.8          |
| Terrel REV 48R21          | 71.2             | 76.3*              | 68.2                | 63.6                | 69.8          |
| Pioneer 94Y70             | 70.6             | 73.6               | 71.2                | 63.5                | 69.7          |
| Progeny 4807RR            | 72.1             | 69.5               | 71.2                | 66.1                | 69.7          |
| Morsoy Xtra 46X71         | 70.6             | 72.7               | 69.6                | 65.3                | 69.5          |
| Progeny 4710RY            | 66.3             | 70.8               | 74.4*               | 66.3                | 69.4          |
| Stone 2R4702              | 69.4             | 72.8               | 67.9                | 67.3                | 69.3          |
| Schillinger 478.RCS       | 70.4             | 70.2               | 69.9                | 66.5                | 69.2          |
| Terrel REV 48R10          | 66.2             | 74.5               | 69.0                | 67.4                | 69.2          |
| Mershman Tampa 1245LL     | 61.8             | 78.8*              | 70.8                | 65.0                | 69.1          |
| Armor 48-R40              | 67.3             | 75.9*              | 70.7                | 62.4                | 69.0          |
| Pfister 45R23             | 70.4             | 76.1*              | 68.3                | 60.6                | 68.8          |
| Progeny 4211RY            | 66.1             | 74.2               | 70.4                | 64.5                | 68.8          |
| Delta Grow 4975RR         | 65.9             | 68.5               | 67.4                | 73.3*               | 68.7          |
| Delta King DKR4744        | 68.0             | 73.4               | 69.5                | 64.0                | 68.7          |
| AgVenture VPMMaxx 47A3NRR | 67.1             | 70.3               | 73.3                | 63.9                | 68.6          |
| Armor X1206               | 64.6             | 76.0*              | 67.6                | 66.4                | 68.6          |
| Dyna-Gro 33G48            | 69.2             | 69.2               | 67.6                | 68.4                | 68.6          |
| Morsoy 4707               | 73.3             | 67.1               | 66.9                | 67.2                | 68.6          |
| S08-14117                 | 62.5             | 70.8               | 69.3                | 71.9                | 68.6          |
| Stone 2R4302              | 56.4             | 78.8*              | 68.9                | 70.4                | 68.6          |
| Terrel REV 49R43          | 71.2             | 71.4               | 67.6                | 63.9                | 68.5          |
| Morsoy Xtra 47X31         | 68.6             | 70.6               | 67.3                | 67.4                | 68.4          |
| Pioneer 94Y50             | 64.1             | 72.6               | 69.8                | 67.4                | 68.4          |
| UA 4910                   | 66.9             | 69.9               | 62.2                | 74.9*               | 68.4          |
| Morsoy Xtra 46X29         | 63.7             | 71.9               | 69.8                | 67.8                | 68.3          |
| AgVenture VPMMaxx 49C9RR  | 68.8             | 70.2               | 69.4                | 64.0                | 68.1          |
| Dyna-Gro 38RY45           | 61.2             | 74.3               | 65.9                | 71.0                | 68.1          |
| Dyna-Gro 39RY43           | 64.1             | 72.9               | 70.1                | 65.4                | 68.1          |
| Hornbeck HBK RY4620       | 68.7             | 74.3               | 64.7                | 64.7                | 68.1          |
| Armor X1208               | 67.8             | 71.2               | 68.9                | 64.4                | 68.0          |
| Mershman Tulsa 1245LL     | 68.3             | 72.0               | 64.2                | 67.5                | 68.0          |
| Dairyland DSR-4300/RR     | 67.8             | 70.8               | 68.8                | 64.2                | 67.9          |
| Pioneer 94Y61             | 66.2             | 73.9               | 69.6                | 61.5                | 67.8          |
| Schillinger 495.RC        | 64.9             | 72.9               | 69.4                | 64.0                | 67.8          |
| NK S49-A5 Brand           | 69.1             | 72.4               | 66.3                | 63.0                | 67.7          |
| Pioneer 94Y82             | 65.1             | 70.8               | 70.5                | 64.5                | 67.7          |
| Progeny 4611RY            | 65.6             | 72.8               | 67.6                | 65.1                | 67.7          |
| Armor X1205               | 67.4             | 75.0               | 68.1                | 60.2                | 67.6          |

# SOUTHEAST REGION SUMMARY - SOYBEAN TEST

| Brand/Variety             | Chaffee<br>Bu/Ac | Morehouse<br>Bu/Ac | Port. Clay<br>Bu/Ac | Port. Loam<br>Bu/Ac | Mean<br>Bu/Ac |
|---------------------------|------------------|--------------------|---------------------|---------------------|---------------|
| Delta Grow 4970RR         | 57.7             | 73.3               | 70.2                | 68.8                | 67.5          |
| Mershman Houston 747RR    | 69.2             | 70.7               | 66.6                | 63.5                | 67.5          |
| NK S44-D5 Brand           | 67.2             | 70.3               | 70.2                | 62.6                | 67.5          |
| Dairyland DSR-4810/RR     | 63.6             | 66.9               | 71.5                | 66.8                | 67.2          |
| Delta Grow 4670RR2        | 65.9             | 73.3               | 65.5                | 64.2                | 67.2          |
| USG 74A91                 | 61.7             | 62.6               | 71.5                | 73.3*               | 67.2          |
| AgVenture VPM maxx 49X1RR | 66.2             | 70.4               | 64.3                | 67.7                | 67.1          |
| Armor X1211               | 65.2             | 72.6               | 64.1                | 66.6                | 67.1          |
| Terrel REV 47R53          | 68.1             | 70.4               | 68.4                | 61.3                | 67.0          |
| eMerge 4510S              | 66.8             | 69.2               | 69.1                | 62.6                | 66.9          |
| Armor X1210               | 68.8             | 68.4               | 70.4                | 59.7                | 66.8          |
| Mershman Austin 1142LL    | 62.7             | 75.9*              | 66.8                | 61.1                | 66.6          |
| Asgrow AG4732             | 67.2             | 71.7               | 68.9                | 58.2                | 66.5          |
| Progeny 4911RY            | 65.6             | 70.2               | 63.0                | 67.4                | 66.5          |
| Delta Grow 4880RR         | 63.4             | 71.0               | 71.0                | 60.3                | 66.4          |
| Progeny 4750RR            | 64.5             | 71.5               | 69.3                | 60.4                | 66.4          |
| MorSoy Xtra 49X10         | 61.4             | 72.9               | 66.9                | 64.2                | 66.3          |
| AgVenture VPM maxx 44X1RR | 56.9             | 72.1               | 72.4                | 63.5                | 66.2          |
| Dairyland DST 47-002/R2Y  | 65.9             | 67.7               | 66.8                | 64.7                | 66.2          |
| Stone 2R4201              | 69.3             | 69.7               | 65.7                | 60.2                | 66.2          |
| Terrel REV 47R22          | 60.3             | 74.0               | 62.8                | 68.0                | 66.2          |
| Dairyland DST 45-002/R2Y  | 64.4             | 69.8               | 68.1                | 62.3                | 66.1          |
| S08-14072                 | 60.2             | 67.7               | 71.7                | 64.8                | 66.1          |
| MPG 4707NRR/STS           | 61.5             | 69.5               | 66.1                | 66.2                | 65.8          |
| Dairyland DSR-8482/RR     | 60.7             | 69.3               | 63.0                | 69.8                | 65.7          |
| Delta Grow 4875RR2        | 69.0             | 67.9               | 63.4                | 62.2                | 65.6          |
| Morsoy CB 4860            | 66.7             | 62.1               | 72.7                | 60.9                | 65.6          |
| Pfister 47R24             | 64.1             | 74.8               | 58.2                | 65.6                | 65.6          |
| Terrel REV 44R22          | 63.4             | 70.4               | 68.9                | 59.8                | 65.6          |
| MorSoy Xtra 48X00         | 59.6             | 70.9               | 62.0                | 69.8                | 65.5          |
| Schillinger 458.RCS       | 66.2             | 72.4               | 64.7                | 58.8                | 65.5          |
| Schillinger 4990.RC       | 60.7             | 75.6*              | 65.0                | 60.4                | 65.4          |
| Terrel REV 49R11          | 64.8             | 68.9               | 67.8                | 59.9                | 65.3          |
| USG 74G78                 | 67.1             | 65.1               | 66.2                | 62.8                | 65.3          |
| Mershman Miami 949LL      | 61.3             | 69.8               | 68.6                | 61.1                | 65.2          |
| Progeny 4811RY            | 62.8             | 68.7               | 66.3                | 62.7                | 65.1          |
| Terrel REV 48R22          | 58.4             | 75.0               | 69.1                | 58.1                | 65.1          |
| Terrel REV 45R10          | 56.9             | 71.8               | 66.7                | 64.7                | 65.0          |
| S07-5049                  | 54.5             | 66.6               | 67.5                | 71.2                | 64.9          |
| AgVenture VPM maxx 44K4RR | 60.1             | 71.1               | 69.4                | 58.4                | 64.7          |

## SOUTHEAST REGION SUMMARY - SOYBEAN TEST

| Brand/Variety            | Chaffee<br>Bu/Ac | Morehouse<br>Bu/Ac | Port. Clay<br>Bu/Ac | Port. Loam<br>Bu/Ac | Mean<br>Bu/Ac |
|--------------------------|------------------|--------------------|---------------------|---------------------|---------------|
| Mershman Nashville 749RR | 64.3             | 70.2               | 64.3                | 59.7                | 64.6          |
| SS 09L 49N               | 60.1             | 67.0               | 65.1                | 66.2                | 64.6          |
| Hornbeck HBK R4829       | 62.8             | 67.7               | 70.2                | 57.6                | 64.5          |
| NK S46-A1 Brand          | 65.4             | 69.0               | 64.0                | 59.6                | 64.5          |
| Stone 2R4102             | 61.3             | 71.2               | 61.8                | 63.7                | 64.5          |
| Delta Grow 4460RR        | 60.5             | 69.6               | 67.7                | 60.0                | 64.4          |
| NK S47-R3 Brand          | 54.8             | 73.8               | 68.5                | 59.9                | 64.2          |
| MPV 4238N                | 59.4             | 71.3               | 66.2                | 59.5                | 64.1          |
| S08-4714                 | 58.1             | 66.8               | 63.0                | 66.9                | 63.7          |
| Stoddard                 | 62.5             | 63.0               | 65.4                | 62.2                | 63.2          |
| Mershman Macon 1249LL    | 65.1             | 69.4               | 66.4                | 51.6                | 63.1          |
| US Seeds HALO 4:94       | 59.2             | 69.5               | 66.6                | 57.4                | 63.1          |
| Go Soy 4810LL            | 60.0             | 61.8               | 63.8                | 66.5                | 63.0          |
| US Seeds HALO 4:75       | 60.0             | 67.2               | 67.0                | 55.5                | 62.4          |
| S08-15072                | 58.7             | 64.7               | 64.0                | 58.3                | 61.4          |
| Hornbeck HBK R4830       | 61.1             | 66.2               | 61.6                | 56.1                | 61.2          |
| S08-2014                 | 53.2             | 68.2               | 68.0                | 55.6                | 61.2          |
| Dairyland DSR-4500/RR    | 55.5             | 63.4               | 63.6                | 61.6                | 61.0          |
| AgVenture VPMaxx 40A2RR  | 53.8             | 67.9               | 69.4                | 52.7                | 60.9          |
| Progeny 4928LL           | 54.5             | 61.7               | 64.1                | 61.0                | 60.3          |
| S08-8467                 | 56.3             | 61.4               | 63.5                | 59.7                | 60.2          |
| Delta Grow 4861LL        | 59.1             | 63.6               | 60.7                | 54.9                | 59.5          |
| Hornbeck HBK R4729       | 59.6             | 64.7               | 58.1                | 53.1                | 58.8          |
| <b>GRAND MEAN</b>        | <b>64.9</b>      | <b>71.5</b>        | <b>68.2</b>         | <b>64.8</b>         | <b>67.3</b>   |
| <b>LSD (10%)</b>         | <b>6.9</b>       | <b>6.3</b>         | <b>5.9</b>          | <b>7.9</b>          | <b>3.3</b>    |
| <b>CV (%)</b>            | <b>7.9</b>       | <b>6.5</b>         | <b>6.4</b>          | <b>9.0</b>          | <b>7.3</b>    |

*\*\*Highest yielding variety within a maturity group in a test.*

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

## MATURITY GROUP 5

| Brand/Variety         | Chaffee<br>Bu/Ac | Morehouse<br>Bu/Ac | Port. Clay<br>Bu/Ac | Port. Loam<br>Bu/Ac | Mean<br>Bu/Ac |
|-----------------------|------------------|--------------------|---------------------|---------------------|---------------|
| Asgrow AG5332         | 64.3*            | 79.6*              | 72.1*               | 70.6                | 71.6**        |
| Pioneer 95Y10         | 66.9*            | 76.7               | 71.4*               | 70.0                | 71.2*         |
| Pioneer 95Y50         | 63.0             | 85.1**             | 73.7*               | 63.0                | 71.2*         |
| Terrel REV 51R53      | 68.6*            | 75.6               | 67.2                | 68.8                | 70.0*         |
| Delta Grow 5160RR/STS | 56.7             | 75.0               | 66.9                | 77.0**              | 68.9*         |

**SOUTHEAST REGION SUMMARY - SOYBEAN TEST**

| Brand/Variety             | Chaffee<br>Bu/Ac | Morehouse<br>Bu/Ac | Port. Clay<br>Bu/Ac | Port. Loam<br>Bu/Ac | Mean<br>Bu/Ac |
|---------------------------|------------------|--------------------|---------------------|---------------------|---------------|
| Morsoy 5168               | 61.1             | 70.7               | 69.8*               | 71.0*               | 68.1          |
| Asgrow AG5232             | 57.3             | 74.0               | 73.8**              | 65.8                | 67.7          |
| Progeny 5655RY            | 70.2**           | 76.0               | 59.3                | 64.6                | 67.5          |
| Armor X1213               | 62.2             | 68.4               | 64.4                | 74.0*               | 67.2          |
| Armor X1255               | 57.6             | 78.0*              | 64.0                | 66.8                | 66.6          |
| Morsoy Xtra 54X41         | 61.5             | 78.6*              | 62.2                | 64.3                | 66.6          |
| Pioneer 95Y01             | 58.3             | 71.4               | 70.9*               | 66.1                | 66.6          |
| Dyna-Gro 32RY55           | 64.8*            | 74.3               | 64.4                | 61.9                | 66.3          |
| Asgrow AG5532             | 60.3             | 74.5               | 66.4                | 62.9                | 66.0          |
| Delta Grow 5565RR2        | 62.6             | 71.0               | 66.6                | 63.8                | 66.0          |
| Progeny 5610RY            | 62.3             | 77.1               | 62.2                | 62.6                | 66.0          |
| Armor X1215               | 59.2             | 73.5               | 66.4                | 64.2                | 65.8          |
| Mershman Everest 1251RR2Y | 60.3             | 73.3               | 66.2                | 63.5                | 65.8          |
| Progeny 5770              | 57.7             | 71.9               | 67.7                | 66.0                | 65.8          |
| SS 12L.50N                | 61.2             | 67.0               | 66.0                | 69.1                | 65.8          |
| Mershman Denali 1252LL    | 54.8             | 70.5               | 73.4*               | 64.2                | 65.7          |
| Morsoy 5429               | 64.3*            | 72.9               | 66.1                | 58.5                | 65.4          |
| Armor X1217               | 63.1             | 73.1               | 66.5                | 58.5                | 65.3          |
| Mershman Whitney 1154LL   | 58.6             | 67.5               | 67.3                | 67.9                | 65.3          |
| Delta Grow 5275RR2        | 57.1             | 75.4               | 69.0*               | 59.2                | 65.1          |
| Armor X1216               | 56.8             | 71.7               | 63.3                | 68.4                | 65.0          |
| Progeny 5330RR            | 60.2             | 67.3               | 71.2*               | 61.6                | 65.0          |
| Progeny 5111RY            | 62.2             | 74.6               | 65.7                | 57.4                | 64.9          |
| Progeny 5711RY            | 55.9             | 81.1*              | 62.4                | 60.3                | 64.9          |
| MPG 5505NRR/STS           | 63.7*            | 66.4               | 64.9                | 63.8                | 64.7          |
| US Seeds HALO 5:25        | 56.5             | 80.8*              | 63.6                | 57.7                | 64.6          |
| Delta Grow 5461LL         | 59.5             | 60.2               | 64.8                | 72.9*               | 64.3          |
| Hornbeck HBK RY5521       | 58.1             | 63.9               | 66.6                | 68.2                | 64.2          |
| Morsoy Xtra 51X31         | 61.4             | 70.6               | 67.2                | 57.9                | 64.2          |
| Pioneer 95Y31             | 56.6             | 75.7               | 64.2                | 60.5                | 64.2          |
| Pioneer 95Y40             | 58.7             | 65.1               | 69.4*               | 63.7                | 64.2          |
| JTN-5203                  | 57.9             | 72.5               | 63.4                | 62.7                | 64.1          |
| Hornbeck HBK C5528        | 61.9             | 66.1               | 64.8                | 63.3                | 64.0          |
| Progeny 5210RY            | 60.1             | 69.9               | 68.5*               | 57.8                | 64.0          |
| Delta Grow 5110RR2 EXP    | 56.6             | 69.7               | 66.5                | 62.6                | 63.8          |
| eMerge 5110               | 61.0             | 65.9               | 64.2                | 64.3                | 63.8          |
| Glenn                     | 56.9             | 74.5               | 64.3                | 59.8                | 63.8          |
| Progeny 5811RY            | 56.5             | 66.6               | 64.4                | 67.7                | 63.8          |
| Armor X1218               | 60.2             | 70.2               | 61.6                | 63.1                | 63.7          |
| Progeny 5191              | 66.3*            | 66.4               | 61.3                | 60.0                | 63.5          |

**SOUTHEAST REGION SUMMARY - SOYBEAN TEST**

| Brand/Variety           | Chaffee<br>Bu/Ac | Morehouse<br>Bu/Ac | Port. Clay<br>Bu/Ac | Port. Loam<br>Bu/Ac | Mean<br>Bu/Ac |
|-------------------------|------------------|--------------------|---------------------|---------------------|---------------|
| Hornbeck HBK R5525      | 60.3             | 69.2               | 65.8                | 58.6                | 63.4          |
| Progeny 5321RY          | 53.1             | 68.3               | 64.7                | 67.7                | 63.4          |
| Dyna-Gro 37RY52         | 58.6             | 72.3               | 65.0                | 57.6                | 63.3          |
| SS 10L.51N              | 60.3             | 69.7               | 63.7                | 59.8                | 63.3          |
| Armor 53-R15            | 62.6             | 69.1               | 62.1                | 59.3                | 63.2          |
| Osage                   | 59.2             | 65.4               | 61.8                | 65.3                | 62.9          |
| Dyna-Gro 35P53          | 57.1             | 63.7               | 66.7                | 64.0                | 62.8          |
| Hornbeck HBK RY5421     | 53.8             | 65.7               | 66.4                | 65.4                | 62.8          |
| Progeny 5960LL          | 56.1             | 68.9               | 61.9                | 64.6                | 62.8          |
| Hornbeck HBK R5529      | 56.0             | 65.9               | 65.8                | 63.4                | 62.7          |
| Delta Grow 5625RR2      | 56.8             | 77.8*              | 58.5                | 57.3                | 62.6          |
| MPV-C-510N              | 64.3*            | 59.6               | 62.3                | 64.3                | 62.6          |
| R04-357                 | 55.0             | 64.7               | 61.0                | 69.7                | 62.6          |
| Schillinger 557.RC      | 56.7             | 70.0               | 67.0                | 56.8                | 62.6          |
| Asgrow AG5632           | 63.5*            | 65.8               | 62.0                | 58.8                | 62.5          |
| MorSoy CB 5209          | 59.0             | 70.1               | 65.9                | 54.9                | 62.4          |
| Jake                    | 57.3             | 64.9               | 66.2                | 60.9                | 62.3          |
| Hornbeck HBK RY5220     | 63.3             | 64.6               | 62.3                | 55.0                | 61.3          |
| Progeny 5160LL          | 51.6             | 71.7               | 65.6                | 56.5                | 61.3          |
| Delta King DK 5363      | 49.1             | 59.7               | 65.4                | 70.9*               | 61.2          |
| Mershman Olympus 1051LL | 54.5             | 70.7               | 61.8                | 57.5                | 61.1          |
| Delta Grow 5555RR       | 57.3             | 59.6               | 63.8                | 61.7                | 60.6          |
| Morsoy Xtra 53X51       | 49.6             | 66.7               | 61.5                | 63.2                | 60.2          |
| Delta Grow 5300RR/STS   | 52.0             | 69.6               | 62.4                | 55.9                | 59.9          |
| Hornbeck HBK R5226      | 49.1             | 67.6               | 59.0                | 63.5                | 59.8          |
| Armor X1253             | 55.2             | 64.4               | 59.9                | 59.6                | 59.7          |
| Progeny 5460LL          | 59.4             | 62.2               | 57.2                | 59.3                | 59.5          |
| Delta Grow 5280RR       | 53.8             | 61.6               | 61.3                | 59.5                | 59.0          |
| Go Soy 5111LL           | 50.5             | 68.0               | 60.8                | 55.5                | 58.7          |
| Terrel REV 55R21        | 50.3             | 65.0               | 58.8                | 60.4                | 58.6          |
| V04-1022                | 51.5             | 57.3               | 64.6                | 60.5                | 58.4          |
| US Seeds HALO 5:65      | 55.3             | 62.3               | 60.0                | 54.9                | 58.1          |
| Delta Grow 5545RR       | 50.2             | 60.6               | 61.0                | 59.4                | 57.8          |
| Mershman Hood 1150LL    | 57.9             | 64.1               | 55.1                | 54.3                | 57.8          |
| V03-3650                | 50.1             | 68.1               | 60.6                | 52.1                | 57.7          |
| Progeny 5261LL          | 55.9             | 58.6               | 53.0                | 57.5                | 56.2          |
| <b>GRAND MEAN</b>       | <b>58.8</b>      | <b>69.1</b>        | <b>64.6</b>         | <b>62.6</b>         | <b>63.8</b>   |
| <b>LSD (10%)</b>        | <b>6.7</b>       | <b>7.5</b>         | <b>5.7</b>          | <b>6.2</b>          | <b>3.3</b>    |
| <b>CV (%)</b>           | <b>8.5</b>       | <b>8.2</b>         | <b>6.7</b>          | <b>7.7</b>          | <b>7.6</b>    |

**\*\*Highest yielding variety within a maturity group in a test.**

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

# CHARACTERISTICS OF SOYBEAN VARIETIES ENTERED INTO THE 2011 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> | SDS rate <sup>5</sup> | Herbicide <sup>6</sup> |     |     |
|--------------------------|-----------------|-----------------------------|--------------------|------------|-------------------------|-----------------------|------------------------|-----|-----|
|                          |                 |                             | Gene               | Field tol. |                         |                       | Gly                    | Glu | STS |
| AgVenture 38T8NRR/STS    | 3.8             | 14                          | rps1c              | 3          | PI88788                 | 3                     | Y                      | N   | Y   |
| AgVenture 47G7NRR/STS    | 4.7             | 14                          | n/i                | 3          | PI88788                 | 2                     | Y                      | N   | Y   |
| AgVenture VPMmax 38X1RR  | 3.8             | 14                          | rps1k              | 5          | PI88788                 | 3                     | Y                      | N   | N   |
| AgVenture VPMmax 40A2RR  | 4.0             | 14                          | n/i                | 5          | PI88788                 | 3                     | Y                      | N   | N   |
| AgVenture VPMmax 44K4RR  | 4.4             | 14                          | rps1c              | 4          | PI88788                 | 3                     | Y                      | N   | N   |
| AgVenture VPMmax 44X1RR  | 4.4             | 14                          | rps1k              | 4          | PI88788                 | 3                     | Y                      | N   | N   |
| AgVenture VPMmax 47A3NRR | 4.7             | 14                          | rps1c              | 4          | PI88788                 | 3                     | Y                      | N   | N   |
| AgVenture VPMmax 49C9RR  | 4.9             | 14                          | rps1k              | 4          | PI88788                 | 4                     | Y                      | N   | N   |
| AgVenture VPMmax 49X1RR  | 4.9             | 14                          | n/i                | 5          | PI88788                 | 3                     | Y                      | N   | N   |
| Armor 48-R40             | 4.7             | 3,7                         | rps1c              | 3          | n/i                     | 4                     | Y                      | N   | Y   |
| Armor 53-R15             | 5.3             | 3,7                         | rps1c              | 4          | n/i                     | 3                     | Y                      | N   | N   |
| Armor X1204              | 4.4             | 3,7                         | rps1c              | 4          | n/i                     | 3                     | Y                      | N   | N   |
| Armor X1205              | 4.4             | 3,7                         | rps1c              | 3          | n/i                     | 4                     | Y                      | N   | N   |
| Armor X1206              | 4.4             | 3,7                         | rps1c              | 4          | n/i                     | 3                     | Y                      | N   | N   |
| Armor X1208              | 4.7             | 3,7                         | rps1c              | 3          | n/i                     | 3                     | Y                      | N   | N   |
| Armor X1209              | 4.7             | 3,7                         | rps1c              | 4          | n/i                     | 3                     | Y                      | N   | N   |
| Armor X1210              | 4.8             | 3,7                         | rps1k              | 4          | n/i                     | 4                     | Y                      | N   | N   |
| Armor X1211              | 4.9             | 3,7                         | none               | 4          | n/i                     | 4                     | Y                      | N   | N   |
| Armor X1213              | 5.4             | 3,7                         | n/i                | 2          | n/i                     | n/i                   | Y                      | N   | N   |
| Armor X1215              | 5.5             | 3,7                         | n/i                | 3          | n/i                     | n/i                   | Y                      | N   | N   |
| Armor X1216              | 5.5             | 3,7                         | none               | 3          | n/i                     | n/i                   | Y                      | N   | N   |
| Armor X1217              | 5.4             | 3,7                         | n/i                | 4          | n/i                     | 4                     | Y                      | N   | N   |
| Armor X1218              | 5.5             | 3,7                         | rps1c              | 4          | n/i                     | 4                     | Y                      | N   | N   |
| Armor X1247              | 4.7             | 3,7                         | rps1c              | 4          | n/i                     | 4                     | Y                      | N   | N   |
| Armor X1253              | 5.2             | 3,7                         | none               | 4          | n/i                     | n/i                   | Y                      | N   | N   |
| Armor X1255              | 5.5             | 3,7                         | n/i                | 2          | n/i                     | n/i                   | Y                      | N   | N   |
| Asgrow AG3231            | 3.2             | 1                           | rps1c              | 5          | PI88788                 | 6                     | Y                      | N   | N   |
| Asgrow AG3432            | 3.4             | 1                           | rps1c              | 7          | PI88788                 | 5                     | Y                      | N   | N   |
| Asgrow AG3730            | 3.7             | 1                           | rps1c              | 5          | PI88788                 | 5                     | Y                      | N   | N   |
| Asgrow AG3731            | 3.7             | 1                           | rps1c              | 6          | PI88788                 | 5                     | Y                      | N   | N   |
| Asgrow AG3830            | 3.8             | 1                           | rps1c              | 5          | PI88788                 | 4                     | Y                      | N   | N   |
| Asgrow AG4531            | 4.5             | 1                           | rps1c              | 7          | PI88788                 | 4                     | Y                      | N   | Y   |
| Asgrow AG4730            | 4.7             | 1                           | rps1c              | 5          | none                    | 5                     | Y                      | N   | Y   |
| Asgrow AG4732            | 4.7             | 1                           | rps1c              | 5          | PI88788                 | 6                     | Y                      | N   | N   |
| Asgrow AG4831            | 4.8             | 1                           | none               | 7          | none                    | 3                     | Y                      | N   | Y   |

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| Variety                  | MG <sup>1</sup> | Seed<br>Treatment <sup>2</sup> | Phyto <sup>3</sup> |            | SCN<br>source <sup>4</sup> | SDS rate <sup>5</sup> | Herbicide <sup>6</sup> |     |     |
|--------------------------|-----------------|--------------------------------|--------------------|------------|----------------------------|-----------------------|------------------------|-----|-----|
|                          |                 |                                | Gene               | Field tol. |                            |                       | Gly                    | Glu | STS |
| Asgrow AG5232            | 5.2             | 1                              | rps1c              | 4          | PI88788                    | 6                     | Y                      | N   | N   |
| Asgrow AG5332            | 5.3             | 1                              | none               | 5          | PI88788                    | 6                     | Y                      | N   | N   |
| Asgrow AG5532            | 5.5             | 1                              | rps1a              | 4          | n/i                        | n/i                   | Y                      | N   | N   |
| Asgrow AG5632            | 5.6             | 1                              | none               | 5          | n/i                        | n/i                   | Y                      | N   | Y   |
| Asgrow AGEXPM04.2        | 4.2             | 1                              | rps1a              | 5          | PI88788                    | 6                     | Y                      | N   | Y   |
| Big Cob B44LL            | 4.4             | 10,12,13                       | n/i                | n/i        | n/i                        | n/i                   | N                      | Y   | N   |
| Big Cob SR3211           | 3.2             | 10,12,13                       | n/i                | n/i        | n/i                        | n/i                   | N                      | N   | N   |
| Dairyland DSR-3805/R2Y   | 3.8             | 7                              | rps1c              | n/i        | PI88788                    | n/i                   | Y                      | N   | N   |
| Dairyland DSR-4300/RR    | 4.3             | 7                              | n/i                | n/i        | PI88788                    | n/i                   | Y                      | N   | N   |
| Dairyland DSR-4500/RR    | 4.5             | 7                              | n/i                | n/i        | PI88788                    | n/i                   | Y                      | N   | N   |
| Dairyland DSR-4810/RR    | 4.8             | 7                              | rps1c              | n/i        | PI88788                    | n/i                   | Y                      | N   | N   |
| Dairyland DSR-8482/RR    | 4.8             | 7                              | rps1c              | n/i        | PI88788                    | n/i                   | Y                      | N   | N   |
| Dairyland DST 45-001/R2Y | 4.5             | 7                              | rps1c              | n/i        | PI88788                    | n/i                   | Y                      | N   | N   |
| Dairyland DST 45-002/R2Y | 4.5             | 7                              | rps1k              | n/i        | PI88788                    | n/i                   | Y                      | N   | N   |
| Dairyland DST 47-002/R2Y | 4.7             | 7                              | rps1c              | n/i        | PI88788                    | n/i                   | Y                      | N   | N   |
| Delta Grow 4460RR        | 4.4             | 7                              | rps1c              | 2          | PI88788                    | 2                     | Y                      | N   | N   |
| Delta Grow 4670RR2       | 4.6             | 7                              | rps1c              | 3          | PI88788                    | 3                     | Y                      | N   | N   |
| Delta Grow 4861LL        | 4.8             | 7                              | rps1k              | 3          | PI88788                    | 4                     | N                      | Y   | N   |
| Delta Grow 4875RR2       | 4.8             | 7                              | rps1c              | 2          | PI88788                    | 3                     | Y                      | N   | N   |
| Delta Grow 4880RR        | 4.8             | 7                              | rps1k              | 2          | PI88788                    | 3                     | Y                      | N   | N   |
| Delta Grow 4970RR        | 4.9             | 7                              | rps1k              | 2          | PI88788                    | 2                     | Y                      | N   | N   |
| Delta Grow 4975RR        | 4.9             | 7                              | rps1a              | 2          | n/i                        | 1                     | Y                      | N   | N   |
| Delta Grow 5110RR2 EXP   | 5.1             | 7                              | n/i                | 4          | PI88788                    | 3                     | Y                      | N   | N   |
| Delta Grow 5160RR/STS    | 5.1             | 7                              | n/i                | 2          | PI88788                    | 2                     | Y                      | N   | Y   |
| Delta Grow 5275RR2       | 5.2             | 7                              | rps1c              | 2          | PI88788                    | 3                     | Y                      | N   | N   |
| Delta Grow 5280RR        | 5.2             | 7                              | n/i                | 3          | PI88788                    | 3                     | Y                      | N   | N   |
| Delta Grow 5300RR/STS    | 5.3             | 7                              | rps1c              | 4          | PI88788                    | 3                     | Y                      | N   | Y   |
| Delta Grow 5461LL        | 5.4             | 7                              | rps1k              | 3          | PI88788                    | 4                     | N                      | Y   | N   |
| Delta Grow 5545RR        | 5.5             | 7                              | n/i                | 2          | PI88788                    | 3                     | Y                      | N   | N   |
| Delta Grow 5555RR        | 5.5             | 7                              | n/i                | 2          | PI88788                    | 3                     | Y                      | N   | N   |
| Delta Grow 5565RR2       | 5.5             | 7                              | n/i                | 3          | PI88788                    | 2                     | Y                      | N   | N   |
| Delta Grow 5625RR2       | 5.6             | 7                              | rps1a              | 2          | PI88788                    | 3                     | Y                      | N   | N   |
| Delta King DK 5363       | 5.3             | 3,7                            | none               | 4          | n/i                        | 3                     | Y                      | N   | N   |
| Delta King DKR4744       | 4.7             | 3,7                            | rps1c              | 4          | n/i                        | 4                     | Y                      | N   | Y   |
| Dyna-Gro 31RY45          | 4.5             | 1                              | rps1c              | 3          | PI88788                    | 5                     | Y                      | N   | N   |

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| Variety             | MG <sup>1</sup> | Seed<br>Treatment <sup>2</sup> | Phyto <sup>3</sup> |            | SCN<br>source <sup>4</sup> | SDS rate <sup>5</sup> | Herbicide <sup>6</sup> |     |     |
|---------------------|-----------------|--------------------------------|--------------------|------------|----------------------------|-----------------------|------------------------|-----|-----|
|                     |                 |                                | Gene               | Field tol. |                            |                       | Gly                    | Glu | STS |
| Dyna-Gro 32RY55     | 5.5             | 1                              | rps1c              | 2          | PI88788                    | 3                     | Y                      | N   | N   |
| Dyna-Gro 33G48      | 4.8             | 4,9                            | rps1k              | 3          | PI88788                    | 4                     | Y                      | N   | N   |
| Dyna-Gro 33RY37     | 3.7             | 1                              | rps1c              | 2          | PI88788                    | 2                     | Y                      | N   | N   |
| Dyna-Gro 34RY36     | 3.6             | 1                              | rps1c              | 3          | PI88788                    | 3                     | Y                      | N   | N   |
| Dyna-Gro 35P53      | 5.3             | 4,9                            | none               | 2          | Peking                     | 4                     | Y                      | N   | N   |
| Dyna-Gro 35X43      | 4.3             | 4,9                            | none               | 3          | PI88788                    | 3                     | Y                      | N   | N   |
| Dyna-Gro 36RY38     | 3.8             | 1                              | rps1c              | 2          | PI88788                    | 3                     | Y                      | N   | N   |
| Dyna-Gro 37P37      | 3.7             | 4,9                            | rps1c              | 4          | PI88788                    | 4                     | Y                      | N   | N   |
| Dyna-Gro 37RY47     | 4.7             | 1                              | rps1c              | 4          | none                       | 2                     | Y                      | N   | Y   |
| Dyna-Gro 37RY52     | 5.2             | 1                              | rps1c              | 3          | PI88788                    | 5                     | Y                      | N   | N   |
| Dyna-Gro 38RY45     | 4.5             | 1                              | rps1c              | 4          | PI88788                    | 3                     | Y                      | N   | N   |
| Dyna-Gro 39RY43     | 4.3             | 1                              | rps1c              | 3          | PI88788                    | 4                     | Y                      | N   | N   |
| eMerge 389F.YC      | 3.7             | 7                              | none               | 2          | PI88788                    | 1                     | N                      | N   | N   |
| eMerge 4510S        | 4.5             | 7                              | rps1c              | 2          | PI88788                    | 1                     | N                      | N   | Y   |
| eMerge 4920S        | 4.9             | 7                              | none               | 2          | PI88788                    | 2                     | N                      | N   | Y   |
| eMerge 5110         | 5.1             | 7                              | none               | 3          | PI88788                    | 2                     | N                      | N   | N   |
| Fontanelle 78N71    | 3.8             | n/i                            | n/i                | n/i        | n/i                        | n/i                   | N                      | N   | N   |
| Fontanelle 79N62    | 3.9             | n/i                            | n/i                | n/i        | n/i                        | n/i                   | N                      | N   | N   |
| Fontanelle 9789 NRR | 3.8             | n/i                            | n/i                | n/i        | n/i                        | n/i                   | Y                      | N   | N   |
| Glenn               | 5.5             | 4                              | n/i                | n/i        | n/i                        | n/i                   | N                      | N   | N   |
| Go Soy 4411LL       | 4.4             | 7                              | n/i                | 4          | PI88788                    | 4                     | N                      | Y   | N   |
| Go Soy 4810LL       | 4.8             | 7                              | n/i                | 4          | PI88788                    | 5                     | N                      | Y   | N   |
| Go Soy 5111LL       | 5.1             | 7                              | n/i                | 4          | PI88788                    | 4                     | N                      | Y   | N   |
| Hanover             | 4.9             | none                           | none               | n/i        | Hartwig                    | 4                     | N                      | N   | N   |
| Hoblit 372LL        | 3.7             | 14                             | rps1k              | 3          | none                       | 3                     | N                      | Y   | N   |
| Hoblit 412LL        | 4.1             | 14                             | none               | 3          | none                       | 3                     | N                      | Y   | N   |
| Hoegemeyer 3789NRR  | 3.7             | 14                             | rps1k              | 4          | PI88788                    | 4                     | Y                      | N   | N   |
| Hoegemeyer 3997NRR  | 3.9             | 14                             | rps1k              | 5          | PI88788                    | 3                     | Y                      | N   | N   |
| Hoegemeyer 4120NRR  | 4.1             | 14                             | rps1k              | 5          | PI88788                    | 3                     | Y                      | N   | N   |
| Hoegemeyer 4191NRR  | 4.1             | 14                             | rps1k              | 4          | PI88788                    | 4                     | Y                      | N   | N   |
| Hoegemeyer 4383NRR  | 4.3             | 14                             | rps1k              | 6          | PI88788                    | 5                     | Y                      | N   | N   |
| Hoegemeyer 4394NRS  | 4.3             | 14                             | rps1k              | 6          | PI88788                    | 4                     | Y                      | N   | Y   |
| Hornbeck HBK C5528  | 5.5             | 9,14                           | n/i                | 2          | n/i                        | n/i                   | N                      | N   | N   |
| Hornbeck HBK R4729  | 4.7             | 9,14                           | n/i                | 2          | n/i                        | n/i                   | Y                      | N   | N   |
| Hornbeck HBK R4829  | 4.8             | 9,14                           | n/i                | n/i        | n/i                        | 3                     | Y                      | N   | N   |

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| Variety             | MG <sup>1</sup> | Seed<br>Treatment <sup>2</sup> | Phyto <sup>3</sup> |            | SCN<br>source <sup>4</sup> | SDS rate <sup>5</sup> | Herbicide <sup>6</sup> |     |     |
|---------------------|-----------------|--------------------------------|--------------------|------------|----------------------------|-----------------------|------------------------|-----|-----|
|                     |                 |                                | Gene               | Field tol. |                            |                       | Gly                    | Glu | STS |
| Hornbeck HBK R4924  | 4.9             | 9,14                           | n/i                | 3          | PI88788                    | 3                     | Y                      | N   | N   |
| Hornbeck HBK R5226  | 5.2             | 9,14                           | n/i                | 3          | n/i                        | 6                     | Y                      | N   | N   |
| Hornbeck HBK R5525  | 5.5             | 9,14                           | n/i                | 2          | PI88788                    | 3                     | Y                      | N   | N   |
| Hornbeck HBK R5529  | 5.5             | 9,14                           | n/i                | n/i        | n/i                        | 6                     | Y                      | N   | N   |
| Hornbeck HBK RY4620 | 4.6             | 9,14                           | rps1c              | n/i        | n/i                        | 1                     | Y                      | N   | Y   |
| Hornbeck HBK RY4721 | 4.7             | 9,14                           | rps1c              | n/i        | n/i                        | 2                     | Y                      | N   | N   |
| Hornbeck HBK RY5220 | 5.2             | 9,14                           | n/i                | 1          | none                       | n/i                   | Y                      | N   | N   |
| Hornbeck HBK RY5421 | 5.4             | 9,14                           | n/i                | 5          | n/i                        | n/i                   | Y                      | N   | N   |
| Hornbeck HBK RY5521 | 5.5             | 9,14                           | n/i                | n/i        | n/i                        | n/i                   | Y                      | N   | N   |
| HS 36A12            | 3.6             | 7                              | rps1c              | 3          | PI88788                    | 3                     | Y                      | N   | N   |
| HS 37A02            | 3.7             | 7                              | rps1a              | 4          | PI88788                    | 3                     | Y                      | N   | N   |
| HS 38A02            | 3.8             | 7                              | rps1c              | 2          | PI88788                    | 4                     | Y                      | N   | N   |
| HS 38A12            | 3.8             | 7                              | rps1c              | 2          | PI88788                    | 2                     | Y                      | N   | N   |
| HS 39A02            | 3.9             | 7                              | rps1c              | 5          | PI88788                    | 3                     | Y                      | N   | N   |
| HS 39A12            | 3.9             | 7                              | rps1c              | 3          | PI88788                    | 3                     | Y                      | N   | N   |
| Jake                | 5.4             | 4                              | none               | 3          | Hartwig                    | 3                     | N                      | N   | N   |
| JTN-5203            | 5.3             | 4,7                            | n/i                | n/i        | Hartwig                    | 3                     | N                      | N   | N   |
| Kruger K2-3402      | 3.4             | 1                              | rps1c              | 5          | PI88788                    | 4                     | Y                      | N   | N   |
| Kruger K2-3602      | 3.6             | 1                              | rps1a              | 5          | PI88788                    | 4                     | Y                      | N   | N   |
| Kruger K2-3701      | 3.7             | 1                              | rps1c              | n/i        | PI88788                    | 4                     | Y                      | N   | N   |
| Kruger K2-3802      | 3.8             | 1                              | rps1c              | 5          | PI88788                    | 5                     | Y                      | N   | N   |
| Kruger K2-3902      | 3.9             | 1                              | rps1c              | 7          | PI88788                    | 4                     | Y                      | N   | N   |
| Kruger K2-4101      | 4.1             | 1                              | none               | 5          | PI88788                    | 4                     | Y                      | N   | Y   |
| Kruger K2-4102      | 4.1             | 1                              | rps1a              | n/i        | PI88788                    | 4                     | Y                      | N   | N   |
| Kruger K2-4201      | 4.2             | 1                              | none               | 5          | PI88788                    | 4                     | Y                      | N   | N   |
| Kruger K2-4202      | 4.2             | 1                              | rps1a              | 5          | PI88788                    | 6                     | Y                      | N   | N   |
| Kruger K2-4302      | 4.3             | 1                              | rps1a              | 6          | PI88788                    | 6                     | Y                      | N   | N   |
| Kruger K2-4502      | 4.5             | 1                              | rps1c              | n/i        | PI88788                    | 4                     | Y                      | N   | N   |
| Kruger K2-4601      | 4.6             | 1                              | rps1c              | 6          | PI88788                    | 4                     | Y                      | N   | N   |
| Kruger K2-4701      | 4.7             | 1                              | none               | 6          | PI88788                    | 4                     | Y                      | N   | N   |
| Kruger K2-4801      | 4.8             | 1                              | rps1c              | n/i        | PI88788                    | 6                     | Y                      | N   | N   |
| Lewis 351R2         | 3.5             | 1                              | rps1c              | 4          | PI88788                    | 3                     | Y                      | N   | N   |
| Lewis 362R2         | 3.6             | 1                              | rps1c              | 4          | PI88788                    | 3                     | Y                      | N   | N   |
| Lewis 381R2         | 3.8             | 1                              | rps1c              | 4          | PI88788                    | 4                     | Y                      | N   | N   |
| Lewis 392R2         | 3.9             | 1                              | rps1c              | 4          | PI88788                    | 3                     | Y                      | N   | N   |

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| Variety                    | MG <sup>1</sup> | Seed<br>Treatment <sup>2</sup> | Phyto <sup>3</sup> |            | SCN<br>source <sup>4</sup> | SDS rate <sup>5</sup> | Herbicide <sup>6</sup> |     |     |
|----------------------------|-----------------|--------------------------------|--------------------|------------|----------------------------|-----------------------|------------------------|-----|-----|
|                            |                 |                                | Gene               | Field tol. |                            |                       | Gly                    | Glu | STS |
| Lewis 441R2                | 4.4             | 1                              | rps1c              | 5          | PI88788                    | 3                     | Y                      | N   | N   |
| Lewis 452R2                | 4.5             | 1                              | rps1c              | 4          | PI88788                    | 5                     | Y                      | N   | N   |
| Lewis 472R2                | 4.7             | 1                              | rps1c              | 4          | PI88788                    | 5                     | Y                      | N   | N   |
| Lewis 502R2                | 5.0             | 1                              | rps1c              | 3          | PI88788                    | 4                     | Y                      | N   | N   |
| Mershman Atlanta 1047RR2Y  | 4.7             | 14                             | rps1c              | n/i        | none                       | 3                     | Y                      | N   | Y   |
| Mershman Austin 1142LL     | 4.2             | 14                             | none               | 3          | PI88788                    | 3                     | N                      | Y   | N   |
| Mershman Coolidge 1234RR2Y | 3.4             | 14                             | rps1c              | n/i        | PI88788                    | 4                     | Y                      | N   | N   |
| Mershman Denali 1252LL     | 5.2             | 14                             | rps3               | n/i        | PI88788                    | n/i                   | N                      | Y   | N   |
| Mershman Everest 1251RR2Y  | 5.1             | 14                             | rps1c              | n/i        | PI88788                    | 5                     | Y                      | N   | N   |
| Mershman Grant 1236LL      | 3.6             | 14                             | rps1k              | 3          | PI88788                    | 3                     | N                      | Y   | N   |
| Mershman Hood 1150LL       | 5.0             | 14                             | none               | 3          | PI88788                    | 3                     | N                      | Y   | N   |
| Mershman Houston 747RR     | 4.7             | 14                             | none               | 4          | PI88788                    | 4                     | Y                      | N   | N   |
| Mershman Kennedy 1036RR2Y  | 3.6             | 14                             | none               | 3          | PI88788                    | 3                     | Y                      | N   | N   |
| Mershman Macon 1249LL      | 4.9             | 14                             | rps1a              | n/i        | PI88788                    | n/i                   | N                      | Y   | N   |
| Mershman Madison 1039LL    | 3.9             | 14                             | rps1c              | n/i        | PI88788                    | 3                     | N                      | Y   | N   |
| Mershman Memphis 1243RR2Y  | 4.3             | 14                             | rps1c              | n/i        | PI88788                    | 5                     | Y                      | N   | N   |
| Mershman Miami 949LL       | 4.9             | 14                             | rps1k              | n/i        | PI88788                    | 4                     | N                      | Y   | N   |
| Mershman Nashville 749RR   | 4.9             | 14                             | rps1a              | n/i        | PI88788                    | 3                     | Y                      | N   | Y   |
| Mershman Olympus 1051LL    | 5.1             | 14                             | rps1k              | n/i        | PI88788                    | 3                     | N                      | Y   | N   |
| Mershman Orlando 1246LL    | 4.6             | 14                             | rps1k              | n/i        | PI88788                    | n/i                   | N                      | Y   | N   |
| Mershman Phoenix 1245RR2Y  | 4.5             | 14                             | rps1c              | n/i        | PI88788                    | 6                     | Y                      | N   | N   |
| Mershman Tampa 1245LL      | 4.5             | 14                             | rps1c              | n/i        | PI88788                    | n/i                   | N                      | Y   | N   |
| Mershman Truman 938LL      | 3.8             | 14                             | rps1c              | n/i        | PI88788                    | 3                     | N                      | Y   | N   |
| Mershman Tucson 1249LL     | 4.9             | 14                             | rps1c              | n/i        | PI88788                    | n/i                   | N                      | Y   | N   |
| Mershman Tulsa 1245LL      | 4.5             | 14                             | rps1k              | n/i        | PI88788                    | n/i                   | N                      | Y   | N   |
| Mershman Washington 1238RR | 3.8             | 14                             | rps1k              | 3          | PI88788                    | 4                     | Y                      | N   | N   |
| Mershman Whitney 1154LL    | 5.4             | 14                             | rps1k              | n/i        | PI88788                    | 3                     | N                      | Y   | N   |
| Midland 3612NR2            | 3.6             | 7                              | none               | 2          | PI88788                    | 2                     | Y                      | N   | N   |
| Midland 3732NR2            | 3.7             | 7                              | none               | 3          | PI88788                    | 2                     | Y                      | N   | N   |
| Midland 3740NR2            | 3.8             | 7                              | none               | 2          | PI88788                    | 2                     | Y                      | N   | N   |
| Midland 3822NR2            | 3.8             | 7                              | none               | 2          | PI88788                    | 2                     | Y                      | N   | N   |
| Midland 3842NRR            | 3.8             | 7                              | none               | 2          | PI88788                    | 2                     | Y                      | N   | N   |
| Midland 3850NR2            | 3.8             | 7                              | none               | 2          | PI88788                    | 2                     | Y                      | N   | N   |
| Midland 3952NR2            | 3.9             | 7                              | none               | 2          | PI88788                    | 1                     | Y                      | N   | N   |
| Midland 4162NR2            | 4.1             | 7                              | none               | 2          | PI88788                    | 2                     | Y                      | N   | N   |

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| Variety           | MG <sup>1</sup> | Seed<br>Treatment <sup>2</sup> | Phyto <sup>3</sup> |            | SCN<br>source <sup>4</sup> | SDS rate <sup>5</sup> | Herbicide <sup>6</sup> |     |     |
|-------------------|-----------------|--------------------------------|--------------------|------------|----------------------------|-----------------------|------------------------|-----|-----|
|                   |                 |                                | Gene               | Field tol. |                            |                       | Gly                    | Glu | STS |
| Midland 4329NRR   | 4.3             | 7                              | none               | 2          | PI88788                    | 1                     | Y                      | N   | N   |
| Midland 4768NRR   | 4.7             | 7                              | rps1c              | 2          | PI88788                    | 2                     | Y                      | N   | N   |
| Midland 4792RS2   | 4.7             | 7                              | none               | 2          | none                       | 3                     | Y                      | N   | Y   |
| Morsoy 4707       | 4.7             | 7                              | n/i                | n/i        | n/i                        | 2                     | Y                      | N   | N   |
| Morsoy 4955       | 4.9             | 7                              | n/i                | 2          | n/i                        | 2                     | Y                      | N   | Y   |
| Morsoy 5168       | 5.1             | 7                              | n/i                | 2          | n/i                        | 2                     | Y                      | N   | N   |
| Morsoy 5429       | 5.4             | 7                              | n/i                | 3          | n/i                        | 3                     | Y                      | N   | N   |
| Morsoy CB 4860    | 4.8             | 7                              | n/i                | 2          | n/i                        | n/i                   | N                      | N   | N   |
| Morsoy CB 5209    | 5.3             | 7                              | n/i                | 7          | n/i                        | 3                     | N                      | N   | N   |
| Morsoy LL 3759N   | 3.7             | 7                              | rps1k              | 3          | PI88788                    | 3                     | N                      | Y   | N   |
| Morsoy LL 4880N   | 4.8             | 7                              | rps1k              | 3          | PI88788                    | 6                     | N                      | Y   | N   |
| Morsoy LL 5120N   | 5.1             | 7                              | rps1k              | 3          | PI88788                    | 4                     | N                      | Y   | N   |
| Morsoy R2 36X11N  | 3.6             | 7                              | rps1c              | 4          | PI88788                    | 4                     | Y                      | N   | N   |
| Morsoy R2 36X21N  | 3.6             | 7                              | rps1c              | 4          | PI88788                    | 4                     | Y                      | N   | N   |
| Morsoy R2 37X41N  | 3.7             | 7                              | rps1c              | 5          | PI88788                    | 5                     | Y                      | N   | N   |
| Morsoy R2 37X70N  | 3.7             | 7                              | rps1a              | 4          | PI88788                    | 4                     | Y                      | N   | N   |
| Morsoy R2 37X81N  | 3.7             | 7                              | rps1c              | 3          | PI88788                    | 3                     | Y                      | N   | N   |
| Morsoy R2 38X31N  | 3.8             | 7                              | rps1c              | 4          | PI88788                    | 4                     | Y                      | N   | N   |
| Morsoy R2 38X61N  | 3.8             | 7                              | rps1c              | 3          | PI88788                    | 3                     | Y                      | N   | N   |
| Morsoy R2 39X01N  | 3.9             | 7                              | rps1c              | 2          | PI88788                    | 4                     | Y                      | N   | N   |
| Morsoy R2 41X11N  | 4.1             | 7                              | n/i                | 4          | PI88788                    | 4                     | Y                      | N   | N   |
| Morsoy R2 42X21N  | 4.2             | 7                              | rps1a              | 3          | PI88788                    | 5                     | Y                      | N   | N   |
| Morsoy R2 46X71N  | 4.6             | 7                              | rps1c              | 3          | PI88788                    | 5                     | Y                      | N   | N   |
| Morsoy R2 47X31N  | 4.7             | 7                              | rps1c              | 4          | PI88788                    | 5                     | Y                      | N   | N   |
| Morsoy R2S 48X10  | 4.8             | 7                              | rps1c              | 2          | n/i                        | 3                     | Y                      | N   | Y   |
| Morsoy RT 3807N   | 3.8             | 7                              | rps1c              | 2          | PI88788                    | 3                     | Y                      | N   | N   |
| Morsoy RT 3930N   | 3.9             | 7                              | rps1k              | 3          | PI88788                    | 4                     | Y                      | N   | N   |
| Morsoy RT 4707N   | 4.7             | 7                              | rps1c              | 2          | PI88788                    | 4                     | Y                      | N   | N   |
| Morsoy RTS 5150N  | 5.1             | 7                              | rps1c              | 3          | PI88788                    | 5                     | Y                      | N   | Y   |
| Morsoy Xtra 46X29 | 4.6             | 7                              | n/i                | 3          | n/i                        | 2                     | Y                      | N   | Y   |
| Morsoy Xtra 46X71 | 4.6             | 7                              | rps1c              | 2          | n/i                        | 3                     | Y                      | N   | N   |
| Morsoy Xtra 47X31 | 4.7             | 7                              | rps1c              | 2          | n/i                        | 2                     | Y                      | N   | Y   |
| Morsoy Xtra 48X00 | 4.8             | 7                              | rps1c              | 4          | n/i                        | 2                     | Y                      | N   | N   |
| Morsoy Xtra 49X10 | 4.9             | 7                              | n/i                | 4          | n/i                        | 3                     | Y                      | N   | N   |
| Morsoy Xtra 51X31 | 5.1             | 7                              | rps1c              | 2          | n/i                        | 3                     | Y                      | N   | N   |

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| Variety           | MG <sup>1</sup> | Seed<br>Treatment <sup>2</sup> | Phyto <sup>3</sup> |            | SCN<br>source <sup>4</sup> | SDS rate <sup>5</sup> | Herbicide <sup>6</sup> |     |     |
|-------------------|-----------------|--------------------------------|--------------------|------------|----------------------------|-----------------------|------------------------|-----|-----|
|                   |                 |                                | Gene               | Field tol. |                            |                       | Gly                    | Glu | STS |
| Morsoy Xtra 54X41 | 5.4             | 7                              | rps1c              | 2          | n/i                        | 2                     | Y                      | N   | N   |
| MPG 3811R2N       | 3.7             | 7                              | n/i                | 2          | n/i                        | 2                     | Y                      | N   | N   |
| MPG 3911NRR       | 3.9             | 7                              | rps1k              | 2          | n/i                        | 2                     | Y                      | N   | N   |
| MPG 3912R2N       | 3.9             | 7                              | rps1a              | 2          | PI88788                    | 2                     | Y                      | N   | N   |
| MPG 4509 NRR/STS  | 4.5             | 7                              | n/i                | 2          | n/i                        | 2                     | Y                      | N   | Y   |
| MPG 4577NRR       | 4.5             | 7                              | n/i                | 2          | n/i                        | 2                     | Y                      | N   | N   |
| MPG 4707 NRR/STS  | 4.7             | 7                              | n/i                | 2          | n/i                        | 2                     | Y                      | N   | Y   |
| MPG 5505NRR/STS   | 5.5             | 7                              | n/i                | 2          | n/i                        | 2                     | Y                      | N   | Y   |
| MPV 4238N         | 4.2             | 4                              | none               | 5          | n/i                        | 4                     | N                      | N   | N   |
| MPV-C-450N        | 4.5             | 7                              | rps1a              | 2          | PI88788                    | 2                     | N                      | N   | N   |
| MPV-C-490N        | 4.9             | 7                              | n/i                | 2          | n/i                        | 2                     | N                      | N   | N   |
| MPV-C-510N        | 5.1             | 7                              | n/i                | 2          | n/i                        | 2                     | N                      | N   | N   |
| Mustang           | 4.2             | 4                              | n/i                | n/i        | n/i                        | n/i                   | N                      | N   | N   |
| Mycogen 5N371R2   | 3.7             | 7                              | rps1c              | 3          | PI88788                    | 2                     | Y                      | N   | N   |
| Mycogen 5N385R2   | 3.8             | 7                              | rps1c              | 2          | PI88788                    | 3                     | Y                      | N   | N   |
| Mycogen 5N386R2   | 3.8             | 7                              | rps1c              | 2          | PI88788                    | 3                     | Y                      | N   | N   |
| Mycogen 5N392RR   | 3.9             | 7                              | none               | 3          | PI88788                    | 3                     | Y                      | N   | Y   |
| Mycogen 5N403R2   | 4.0             | 7                              | none               | 2          | PI88788                    | 3                     | Y                      | N   | N   |
| Mycogen 5N412R2   | 4.1             | 7                              | none               | 2          | PI88788                    | 3                     | Y                      | N   | N   |
| Mycogen 5N431R2   | 4.3             | 7                              | rps1c              | 3          | PI88788                    | 3                     | Y                      | N   | N   |
| Mycogen 5N451R2   | 4.5             | 7                              | rps1c              | 2          | PI88788                    | 4                     | Y                      | N   | N   |
| NK S31-L7 Brand   | 3.1             | 7                              | rps1c              | 4          | PI88788                    | 3                     | Y                      | N   | N   |
| NK S34-N3 Brand   | 3.4             | 7                              | rps1c              | 4          | PI88788                    | 3                     | Y                      | N   | N   |
| NK S35-T9 Brand   | 3.5             | 7                              | none               | 4          | PI88788                    | 4                     | Y                      | N   | N   |
| NK S39-U2 Brand   | 3.9             | 7                              | none               | 4          | PI88788                    | 2                     | Y                      | N   | N   |
| NK S42-T4 Brand   | 4.2             | 7                              | none               | 5          | PI88788                    | 3                     | Y                      | N   | N   |
| NK S44-D5 Brand   | 4.4             | 7                              | rps1c              | 4          | PI88788                    | 4                     | Y                      | N   | N   |
| NK S46-A1 Brand   | 4.6             | 7                              | none               | 5          | PI88788                    | 4                     | Y                      | N   | N   |
| NK S47-R3 Brand   | 4.7             | 7                              | rps1c              | 5          | PI88788                    | 3                     | Y                      | N   | N   |
| NK S49-A5 Brand   | 4.9             | 7                              | rps1c              | 4          | PI88788                    | 3                     | Y                      | N   | N   |
| NuTech 3372L      | 3.7             | 14                             | rps1c              | 4          | PI88788                    | 4                     | N                      | Y   | N   |
| NuTech 3420L      | 3.4             | 14                             | none               | 5          | PI88788                    | 4                     | N                      | Y   | N   |
| NuTech 7359       | 3.5             | 14                             | rps1k              | 5          | PI88788                    | 4                     | Y                      | N   | N   |
| NuTech 7388       | 3.8             | 14                             | rps1k              | 3          | PI88788                    | 4                     | Y                      | N   | N   |
| NuTech 7425S      | 4.2             | 14                             | none               | 5          | PI88788                    | 4                     | Y                      | N   | N   |

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| Variety          | MG <sup>1</sup> | Seed<br>Treatment <sup>2</sup> | Phyto <sup>3</sup> |            | SCN<br>source <sup>4</sup> | SDS rate <sup>5</sup> | Herbicide <sup>6</sup> |     |     |
|------------------|-----------------|--------------------------------|--------------------|------------|----------------------------|-----------------------|------------------------|-----|-----|
|                  |                 |                                | Gene               | Field tol. |                            |                       | Gly                    | Glu | STS |
| NuTech-G2 7335   | 3.3             | 14                             | none               | 4          | PI88788                    | 3                     | Y                      | N   | N   |
| NuTech-G2 7342   | 3.4             | 14                             | rps1a              | 5          | PI88788                    | 4                     | Y                      | N   | N   |
| NuTech-G2 7362   | 3.6             | 14                             | none               | 5          | PI88788                    | 3                     | Y                      | N   | N   |
| NuTech-G2 7372   | 3.7             | 14                             | none               | 3          | PI88788                    | 4                     | Y                      | N   | N   |
| NuTech-G2 7373   | 3.7             | 14                             | rps1k              | 5          | PI88788                    | 2                     | Y                      | N   | N   |
| NuTech-G2 7385   | 3.8             | 14                             | rps1k              | 4          | PI88788                    | 3                     | Y                      | N   | N   |
| NuTech-G2 7389   | 3.8             | 14                             | none               | 4          | PI88788                    | 3                     | Y                      | N   | N   |
| NuTech-G2 7390   | 3.9             | 14                             | rps1k              | 4          | PI88788                    | 3                     | Y                      | N   | N   |
| NuTech-G2 7402   | 4.0             | 14                             | rps1k              | 4          | PI88788                    | 4                     | Y                      | N   | N   |
| NuTech-G2 7415SE | 4.1             | 14                             | rps1k              | 6          | PI88788                    | 2                     | Y                      | N   | N   |
| NuTech-G2 7420   | 4.2             | 14                             | rps1k              | 4          | PI88788                    | 3                     | Y                      | N   | N   |
| NuTech-G2 7442   | 4.4             | 14                             | rps1k              | 5          | PI88788                    | 4                     | Y                      | N   | N   |
| NuTech-G2 7460   | 4.6             | 14                             | rps1a              | 4          | PI88788                    | 3                     | Y                      | N   | N   |
| NuTech-G2 7472   | 4.7             | 14                             | none               | 4          | PI88788                    | 3                     | Y                      | N   | N   |
| Osage            | 5.6             | 3                              | n/i                | n/i        | none                       | 3                     | N                      | N   | N   |
| Patriot          | 3.9             | 4                              | n/i                | 6          | n/i                        | 5                     | N                      | N   | N   |
| Pfister 37R28    | 3.7             | 7                              | rps1c              | 3          | PI88788                    | 2                     | Y                      | N   | N   |
| Pfister 38R25    | 3.8             | 7                              | rps1c              | 3          | PI88788                    | 4                     | Y                      | N   | N   |
| Pfister 43R29    | 4.3             | 7                              | rps1c              | 3          | PI88788                    | 3                     | Y                      | N   | N   |
| Pfister 45R23    | 4.5             | 7                              | rps1c              | 3          | PI88788                    | 3                     | Y                      | N   | N   |
| Pfister 47R24    | 4.7             | 7                              | rps1c              | 3          | PI88788                    | 3                     | Y                      | N   | N   |
| Pioneer 93Y70    | 3.7             | 2,9,14                         | none               | 5          | PI88788                    | 4                     | Y                      | N   | N   |
| Pioneer 94Y01    | 4.0             | 2,9,14                         | rps1k              | 5          | PI88788                    | 3                     | Y                      | N   | N   |
| Pioneer 94Y40    | 4.4             | 2,9,14                         | rps1k              | 6          | PI88788                    | 4                     | Y                      | N   | N   |
| Pioneer 94Y50    | 4.5             | 2,9,14                         | none               | 4          | PI88788                    | 5                     | Y                      | N   | N   |
| Pioneer 94Y61    | 4.6             | 2,9,14                         | rps1a              | 4          | PI88788                    | 4                     | Y                      | N   | N   |
| Pioneer 94Y70    | 4.7             | 2,9,14                         | none               | 5          | PI88788                    | 4                     | Y                      | N   | N   |
| Pioneer 94Y80    | 4.8             | 2,9,14                         | none               | 6          | PI88788                    | 4                     | Y                      | N   | N   |
| Pioneer 94Y81    | 4.8             | 2,9,14                         | none               | 5          | PI88788                    | 3                     | Y                      | N   | N   |
| Pioneer 94Y82    | 4.8             | 2,9,14                         | rps1k              | 6          | none                       | 5                     | Y                      | N   | N   |
| Pioneer 94Y91    | 4.9             | 2,9,14                         | rps1k              | 3          | PI88788                    | 3                     | Y                      | N   | N   |
| Pioneer 95Y01    | 5.0             | 2,9,14                         | none               | 5          | PI88788                    | 6                     | Y                      | N   | N   |
| Pioneer 95Y10    | 5.1             | 2,9,14                         | rps1a              | 5          | PI88788                    | 3                     | Y                      | N   | N   |
| Pioneer 95Y31    | 5.3             | 2,9,14                         | none               | 3          | PI88788                    | 4                     | Y                      | N   | Y   |
| Pioneer 95Y40    | 5.4             | 2,9,14                         | rps1k              | 4          | PI88788                    | 4                     | Y                      | N   | N   |

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|------------------|-----------------|--------------------------------|--------------------|------------|----------------------------|-----------------------|------------------------|-----|-----|
|                  |                 |                                | Gene               | Field tol. |                            |                       | Gly                    | Glu | STS |
| Power Plus 37T1  | 3.7             | 14                             | rps1k              | 4          | PI88788                    | 3                     | Y                      | N   | N   |
| Power Plus 38D2  | 3.8             | 14                             | rps1k              | 3          | PI88788                    | 3                     | Y                      | N   | N   |
| Power Plus 40V1  | 4.0             | 14                             | none               | 5          | PI88788                    | 2                     | Y                      | N   | N   |
| Power Plus 43D1  | 4.3             | 14                             | rps1k              | 3          | PI88788                    | 3                     | Y                      | N   | N   |
| Power Plus X34T2 | 3.4             | 14                             | rps1k              | 4          | PI88788                    | 3                     | Y                      | N   | N   |
| Progeny 3911RY   | 3.9             | 7                              | rps1c              | n/i        | n/i                        | 1                     | Y                      | N   | N   |
| Progeny 4211RY   | 4.2             | 7                              | n/i                | n/i        | n/i                        | 4                     | Y                      | N   | N   |
| Progeny 4510RY   | 4.5             | 7                              | n/i                | 2          | n/i                        | 1                     | Y                      | N   | N   |
| Progeny 4611RY   | 4.6             | 7                              | rps1c              | n/i        | n/i                        | 6                     | Y                      | N   | N   |
| Progeny 4710RY   | 4.7             | 7                              | n/i                | n/i        | n/i                        | 4                     | Y                      | N   | N   |
| Progeny 4750RR   | 4.7             | 7                              | rps1k              | n/i        | n/i                        | 6                     | Y                      | N   | N   |
| Progeny 4807RR   | 4.8             | 7                              | n/i                | n/i        | n/i                        | 4                     | Y                      | N   | N   |
| Progeny 4811RY   | 4.8             | 7                              | rps1c              | n/i        | n/i                        | 6                     | Y                      | N   | N   |
| Progeny 4906RR   | 4.9             | 7                              | rps1a              | n/i        | n/i                        | 4                     | Y                      | N   | N   |
| Progeny 4910     | 4.9             | 7                              | n/i                | n/i        | n/i                        | 9                     | N                      | N   | N   |
| Progeny 4911RY   | 4.9             | 7                              | n/i                | n/i        | n/i                        | 4                     | Y                      | N   | N   |
| Progeny 4928LL   | 4.9             | 7                              | rps1k              | n/i        | n/i                        | n/i                   | N                      | Y   | N   |
| Progeny 5111RY   | 5.1             | 7                              | rps1c              | n/i        | n/i                        | 6                     | Y                      | N   | N   |
| Progeny 5160LL   | 5.1             | 7                              | rps1k              | n/i        | n/i                        | 4                     | N                      | Y   | N   |
| Progeny 5191     | 5.1             | 7                              | n/i                | 1          | n/i                        | 1                     | N                      | N   | N   |
| Progeny 5210RY   | 5.2             | 7                              | rps1c              | n/i        | n/i                        | 6                     | Y                      | N   | N   |
| Progeny 5261LL   | 5.2             | 7                              | n/i                | n/i        | n/i                        | 4                     | N                      | Y   | N   |
| Progeny 5321RY   | 5.3             | 7                              | n/i                | n/i        | n/i                        | 4                     | Y                      | N   | N   |
| Progeny 5330RR   | 5.3             | 7                              | n/i                | 1          | n/i                        | 4                     | Y                      | N   | N   |
| Progeny 5460LL   | 5.4             | 7                              | rps1k              | n/i        | n/i                        | 6                     | N                      | Y   | N   |
| Progeny 5610RY   | 5.6             | 7                              | rps1c              | n/i        | n/i                        | n/i                   | Y                      | N   | N   |
| Progeny 5655RY   | 5.6             | 7                              | n/i                | n/i        | n/i                        | 6                     | Y                      | N   | N   |
| Progeny 5711RY   | 5.7             | 7                              | rps1a              | n/i        | n/i                        | n/i                   | Y                      | N   | N   |
| Progeny 5770     | 5.7             | 7                              | n/i                | n/i        | n/i                        | 1                     | N                      | N   | N   |
| Progeny 5811RY   | 5.8             | 7                              | n/i                | n/i        | n/i                        | n/i                   | Y                      | N   | N   |
| Progeny 5960LL   | 5.9             | 7                              | rps1k              | n/i        | n/i                        | 4                     | N                      | Y   | N   |
| R04-357          | 5.7             | 3                              | n/i                | n/i        | none                       | 3                     | N                      | N   | N   |
| S07-5049         | 4.1             | 9,14                           | n/i                | n/i        | PI88788                    | n/i                   | N                      | N   | N   |
| S08-14072        | 4.4             | 9,14                           | n/i                | n/i        | PI88788                    | n/i                   | Y                      | N   | N   |
| S08-14087        | 4.6             | 9,14                           | n/i                | n/i        | PI88788                    | n/i                   | Y                      | N   | N   |

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|---------------------|-----------------|--------------------------------|--------------------|------------|----------------------------|-----------------------|------------------------|-----|-----|
|                     |                 |                                | Gene               | Field tol. |                            |                       | Gly                    | Glu | STS |
| S08-15072           | 4.1             | 9,14                           | n/i                | n/i        | PI88788                    | n/i                   | N                      | N   | N   |
| S08-17361           | 4.9             | 9,14                           | n/i                | n/i        | PI88788                    | n/i                   | N                      | N   | N   |
| S08-2014            | 4.2             | 9,14                           | n/i                | n/i        | PI88788                    | n/i                   | Y                      | N   | N   |
| S08-4714            | 4.2             | 9,14                           | n/i                | n/i        | PI88788                    | n/i                   | Y                      | N   | N   |
| S08-8467            | 4.2             | 9,14                           | n/i                | n/i        | PI88788                    | n/i                   | Y                      | N   | N   |
| Schillinger 458.RCS | 4.6             | 7                              | n/i                | 4          | PI88788                    | 5                     | Y                      | N   | Y   |
| Schillinger 478.RCS | 4.7             | 7                              | n/i                | 4          | PI88788                    | 5                     | Y                      | N   | Y   |
| Schillinger 495.RC  | 4.9             | 7                              | n/i                | 4          | PI88788                    | 6                     | Y                      | N   | N   |
| Schillinger 4990.RC | 4.9             | 7                              | n/i                | 4          | PI88788                    | 5                     | Y                      | N   | N   |
| Schillinger 557.RC  | 5.5             | 7                              | n/i                | 4          | PI88788                    | 4                     | Y                      | N   | N   |
| SS 09L.49N          | 4.9             | 7                              | n/i                | 2          | n/i                        | 2                     | N                      | Y   | N   |
| SS 10L.37N          | 3.7             | 7                              | rps1k              | 2          | n/i                        | 2                     | N                      | Y   | N   |
| SS 10L.39N          | 3.9             | 7                              | rps1c              | 2          | n/i                        | 1                     | N                      | Y   | N   |
| SS 10L.51N          | 5.1             | 7                              | n/i                | 2          | n/i                        | 2                     | N                      | Y   | N   |
| SS 11L.43N          | 4.3             | 7                              | n/i                | 2          | n/i                        | 2                     | N                      | Y   | N   |
| SS 12L.50N          | 5.0             | 7                              | n/i                | 2          | n/i                        | 2                     | N                      | Y   | N   |
| Stine 37RC82        | 3.7             | 7                              | rps1c              | 3          | PI88788                    | 3                     | Y                      | N   | N   |
| Stine 3923-4        | 3.9             | 7                              | rps1k              | 2          | PI88788                    | 3                     | Y                      | N   | N   |
| Stine 40RC32        | 4.0             | 7                              | rps1c              | 3          | PI88788                    | 3                     | Y                      | N   | N   |
| Stoddard            | 4.9             | 4                              | none               | 3          | Hartwig                    | 3                     | N                      | N   | N   |
| Stone 2R4102        | 4.1             | 1                              | none               | 6          | PI88788                    | 5                     | Y                      | N   | N   |
| Stone 2R4201        | 4.2             | 1                              | rps1a              | 5          | PI88788                    | 5                     | Y                      | N   | N   |
| Stone 2R4302        | 4.3             | 1                              | none               | 6          | PI88788                    | 4                     | Y                      | N   | N   |
| Stone 2R4402        | 4.4             | 1                              | rps1c              | 4          | PI88788                    | 4                     | Y                      | N   | N   |
| Stone 2R4500STS     | 4.5             | 1                              | none               | 5          | none                       | 2                     | Y                      | N   | Y   |
| Stone 2R4702        | 4.7             | 1                              | rps1c              | 5          | PI88788                    | 6                     | Y                      | N   | N   |
| Terrel REV 44R22    | 4.4             | 1,9,14                         | n/i                | n/i        | n/i                        | n/i                   | Y                      | N   | N   |
| Terrel REV 45R10    | 4.5             | 1,9,14                         | n/i                | n/i        | n/i                        | n/i                   | Y                      | N   | N   |
| Terrel REV 47R22    | 4.7             | 1,9,14                         | n/i                | n/i        | n/i                        | n/i                   | Y                      | N   | N   |
| Terrel REV 47R53    | 4.7             | 1,9,14                         | n/i                | n/i        | n/i                        | n/i                   | Y                      | N   | N   |
| Terrel REV 48R10    | 4.8             | 1,9,14                         | n/i                | n/i        | n/i                        | n/i                   | Y                      | N   | N   |
| Terrel REV 48R21    | 4.8             | 1,9,14                         | n/i                | n/i        | n/i                        | n/i                   | Y                      | N   | N   |
| Terrel REV 48R22    | 4.8             | 1,9,14                         | n/i                | n/i        | n/i                        | n/i                   | Y                      | N   | N   |
| Terrel REV 48R33    | 4.8             | 1,9,14                         | n/i                | n/i        | n/i                        | n/i                   | Y                      | N   | N   |
| Terrel REV 49R11    | 4.9             | 1,9,14                         | n/i                | n/i        | n/i                        | n/i                   | Y                      | N   | N   |

**CHARACTERISTICS OF SOYBEAN VARIETIES ENTERED INTO THE  
2011 MU VARIETY TESTING PROGRAM**

| Variety            | MG <sup>1</sup> | Seed<br>Treatment <sup>2</sup> | Phyto <sup>3</sup> |            | SCN<br>source <sup>4</sup> | SDS rate <sup>5</sup> | Herbicide <sup>6</sup> |     |     |
|--------------------|-----------------|--------------------------------|--------------------|------------|----------------------------|-----------------------|------------------------|-----|-----|
|                    |                 |                                | Gene               | Field tol. |                            |                       | Gly                    | Glu | STS |
| Terrel REV 49R22   | 4.9             | 1,9,14                         | n/i                | n/i        | n/i                        | n/i                   | Y                      | N   | N   |
| Terrel REV 49R43   | 4.9             | 1,9,14                         | n/i                | n/i        | n/i                        | n/i                   | Y                      | N   | N   |
| Terrel REV 51R53   | 5.1             | 1,9,14                         | n/i                | n/i        | n/i                        | n/i                   | Y                      | N   | N   |
| Terrel REV 55R21   | 5.5             | 1,9,14                         | n/i                | n/i        | n/i                        | n/i                   | Y                      | N   | N   |
| UA 4910            | 4.9             | 3                              | n/i                | n/i        | none                       | 3                     | N                      | N   | N   |
| US Seeds HALO 4:65 | 4.6             | 9,14                           | rps1c              | n/i        | n/i                        | 3                     | N                      | Y   | N   |
| US Seeds HALO 4:75 | 4.7             | 9,14                           | n/i                | n/i        | n/i                        | n/i                   | N                      | Y   | N   |
| US Seeds HALO 4:94 | 4.9             | 9,14                           | rps1k              | n/i        | n/i                        | 4                     | N                      | Y   | N   |
| US Seeds HALO 5:25 | 5.2             | 9,14                           | n/i                | n/i        | n/i                        | 4                     | N                      | Y   | N   |
| US Seeds HALO 5:65 | 5.6             | 9,14                           | n/i                | n/i        | n/i                        | 3                     | N                      | Y   | N   |
| USG 74A79R         | 4.7             | 5,6                            | n/i                | n/i        | n/i                        | 3                     | Y                      | N   | Y   |
| USG 74A91          | 4.9             | 5,6                            | rps1a              | n/i        | n/i                        | 3                     | Y                      | N   | N   |
| USG 74G78          | 4.7             | 5,6                            | n/i                | n/i        | n/i                        | 3                     | Y                      | N   | N   |
| V03-3650           | 5.3             | none                           | none               | n/i        | n/i                        | 5                     | N                      | N   | N   |
| V04-1022           | 5.0             | none                           | none               | n/i        | n/i                        | n/i                   | N                      | N   | N   |
| Willcross 1137N LL | 3.7             | 14                             | rps1k              | 1          | n/i                        | 1                     | N                      | Y   | N   |
| Willcross 2350NS   | 3.5             | 14                             | rps1c              | 1          | n/i                        | 2                     | Y                      | N   | Y   |
| Willcross 2381N    | 3.8             | 14                             | rps1k              | 1          | n/i                        | 2                     | Y                      | N   | N   |
| Willcross RY2321N  | 3.2             | 14                             | rps1c              | 1          | n/i                        | 1                     | Y                      | N   | N   |
| Willcross RY2342N  | 3.4             | 14                             | rps1k              | 1          | PI88788                    | 1                     | Y                      | N   | N   |
| Willcross RY2362N  | 3.6             | 14                             | rps1c              | 1          | PI88788                    | 1                     | Y                      | N   | N   |
| Willcross RY236Exp | 3.6             | 14                             | rps1c              | 2          | PI88788                    | 1                     | Y                      | N   | N   |
| Willcross RY2383N  | 3.8             | 14                             | rps1c              | 1          | PI88788                    | 1                     | Y                      | N   | N   |
| Willcross RY2393N  | 3.9             | 14                             | rps1a              | 1          | n/i                        | 1                     | Y                      | N   | N   |
| Willcross RY2481N  | 4.8             | 14                             | n/i                | n/i        | n/i                        | n/i                   | Y                      | N   | N   |
| Willcross RY2482N  | 4.8             | 14                             | 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, 2 = Allegiance, 3 = Apron, 4 = Apron Maxx, 5 = Apron XL, 6 = Cruiser, 7 = Cruiser max, 8 = Dynasty, 9 = Gaucho, 10 = Macho, 11 = Maxim, 12 = MetaStar, 13 = Roncona, 14 = Trilex, 15 = Vigor.

<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. "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. "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 2011 MISSOURI SOYBEAN TESTS

| Brand/Variety       | Company and Address                                                   | Phone        | URL                 |
|---------------------|-----------------------------------------------------------------------|--------------|---------------------|
| AgVenture           | AgVenture Seed Co.<br>22985 Hwy D, Essex, MO 63846                    | 573-283-5311 | agventure.com       |
| Armor               | Armor Seed Co.<br>PO Box 178, Hwy 49, Fisher, AR 72429                | 870-579-2286 | armorseed.com       |
| Asgrow              | Monsanto Co.<br>800 N Lindbergh Blvd., St. Louis, MO 63167            | 314-694-1000 | monsanto.com        |
| Big Cob             | Big Cob Hybrids<br>915 448th Rd., Beaver Crossing, NE 68313           | 402-532-7736 | bigcob.com          |
| Dairyland           | Dairyland Seed Co.<br>PO Box 958, West Bend, WI 53095                 | 800-236-0163 | dairylandseed.com   |
| Delta Grow          | Delta Grow Seed Co.<br>220 NW 2nd, England, AR 72046                  | 800-530-7933 | deltagrow.com       |
| Dyna-Gro            | Dyna-Gro Seed<br>17410 Pike, Bowling Green, MO 63334                  | 573-470-1499 | dynagroseed.com     |
| Emerge              | Schillinger Genetics<br>4401 Westown Pkwy., W. Des Moines, IA 50266   | 866-769-7200 | emergegenetics.com  |
| Fontanelle          | Fontanelle Hybrids<br>1955 E. Military Ave, Fremont, NE 68025         | 800-279-4353 | fontanelle.com      |
| GoSoy               | Stratton Seed Co.<br>1530 Hwy 79 S., Stuttgart, AR 72160              | 870-672-2460 | strattonseed.com    |
| Halo                | US Seeds<br>1690 Jasmine, Conway, AR 72034                            | 870-351-0390 | choosehalo.com      |
| Hoblit              | Burrus Seed<br>826 Arenzville, IL 62611                               | 217-997-5511 | burrusseed.com      |
| Hoegemeyer          | Hoegemeyer Hybrids<br>1755 Hoegemeyer Rd., Hooper, NE 68031           | 402-654-3399 | hoegemeyer.com      |
| Hornbeck            | Hornbeck Seed Co. Inc.<br>Box 472, 210 Drier Rd., DeWitt, AR 72042    | 870-351-0390 | hbkseed.com         |
| HS                  | Growmark Inc.<br>1701 Towanda Ave, Bloomington, IL 61702              | 309-557-6399 | fsseed.com          |
| Kruger              | Kruger Seed Co.<br>PO Box A, Dike, IA 50624                           | 800-772-2721 | krugerseed.com      |
| Lewis               | Lewis Hybrids, Inc.<br>530 W. Maple St., Ursa, IL 62376               | 800-252-7851 | lewishybrids.com    |
| Merschman           | Merschman Seeds<br>103 Ave. D, PO Box 67, West Point, IA 52656        | 319-837-6111 | merschmanseeds.com  |
| Midland             | Midland Genetics<br>1906 Kingman Rd., Ottawa, KS 66067                | 785-242-3598 | midlandgenetics.com |
| MO Crop Improvement | MO Crop Imp. Assoc.<br>3211 Lemone Ind. Blvd., Columbia, MO 65201     | 573-449-0586 | moseed.org          |
| Morsoy              | MFA Inc.<br>201 Ray Young Dr., Columbia, MO 65201                     | 573-876-5363 | morsoy.com          |
| Morsoy              | Cache River Valley Seed<br>12470 Hwy 226, Cash, AR 72421              | 870-477-5427 | crvseed.com         |
| MPG/MPV             | Midwest Premium Genetics<br>523 S. Main, Box 688, Concordia, MO 64020 | 800-692-6436 | m-pride.com         |
| Mycogen             | Mycogen Seeds<br>9330 Zionsville Rd., Indianapolis, IN 46268          | 573-228-2358 | mycogenseeds.com    |
| NK Brand            | Syngenta Seeds<br>7500 11055 Wayzata Blvd., Minnetonka, MN 55305      | 402-289-0259 | syngenta.com        |

# SOURCES FOR VARIETIES ENTERED IN THE 2011 MISSOURI SOYBEAN TESTS

| Brand/Variety          | Company and Address                                                        | Phone        | URL               |
|------------------------|----------------------------------------------------------------------------|--------------|-------------------|
| NuTech                 | NuTech-G2<br>36131 Hwy 69, Forest City, IA 50436                           | 641-581-3350 | yieldleader.com   |
| Pfister                | Pfister Seeds LLC<br>187 N. Fayette St., El Paso, IL 612611                | 309-527-6000 | pfisterseeds.com  |
| Pioneer                | Pioneer Hi-Bred Int. Inc.<br>9131 N Park Dr., Johnston, IA 50131           | 515-334-6999 | pioneer.com       |
| Pioneer                | Pioneer Hi-Bred Int. Inc.<br>700 Blvd. S., Suite 302, Huntsville, AL 35802 | 800-331-2475 | pioneer.com       |
| Power Plus             | Burrus Seed<br>826 Arenzville Rd., Arenzville, IL 62611                    | 217-997-5511 | burrusseed.com    |
| Progeny                | Progeny Ag Products<br>1529 Hwy 193 S, Wynne, AR 72396                     | 870-238-2079 | progenyag.com     |
| Schillinger            | Stratton Seed Co.<br>1530 Hwy 79 S., Stuttgart, AR 72160                   | 870-672-2460 | strattonseed.com  |
| SS                     | Midwest Premium Genetics<br>523 S. Main, PO Box 688, Concordia, MO 64020   | 660-463-7333 | m-pride.com       |
| Stine                  | Stine Seed Co.<br>2225 Laredo Trail, Adel, IA 50003                        | 800-362-2510 | stineseed.com     |
| Stone                  | Stone Seed Group<br>5965 W. State Rt. 97, Pleasant Plains, IL 62677        | 217-714-6004 | stoneseed.com     |
| Terral                 | Terral Seed<br>PO Box 826, Lake Providence, LA 71254                       | 318-231-8811 | terralseed.com    |
| USDA-ARS               | USDA-ARS<br>605 Airways Blvd., Jackson, TN 38301                           | 731-425-4736 |                   |
| USG                    | UniSouth Genetics<br>3205-C Hwy 46 S., Dickson, TN 37055                   | 800-505-3133 | usgseed.com       |
| University of Arkansas | University of Arkansas<br>115 Plant Sciences, Fayetteville, AR 72701       | 479-575-5732 |                   |
| University of Missouri | University of Missouri<br>147 State Hwy T, Portageville, MO 63873          | 573-379-6060 |                   |
| Virginia Tech          | Virginia Tech<br>509 Latham Hall 0404, Blacksburg, VA 24060                | 540-553-1050 |                   |
| Willcross              | King City Seed<br>POB 667, 4564 US Hwy 169, King City, MO 64463            | 800-441-5957 | willcrossseed.com |
| Willcross              | Willcross Seed<br>PO Box 499, Garden City, MO 64747                        | 816-862-8203 | willcrossseed.com |